



Good First- time Adopter (International) Limited

Consolidated Financial
Statements

31 December 2019



EY

Building a better
working world

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Abbreviations and key

The following styles of abbreviation are used in this set of International GAAP® Illustrative Financial Statements:

IAS 33.41	International Accounting Standard No. 33, paragraph 41
IAS 1.BC13	International Accounting Standard No. 1, Basis for Conclusions, paragraph 13
IFRS 2.44	International Financial Reporting Standard No. 2, paragraph 44
SIC 29.6	Standing Interpretations Committee Interpretation No. 29, paragraph 6
IFRIC 4.6	IFRS Interpretations Committee (formerly IFRIC) Interpretation No. 4, paragraph 6
IFRS 9.IG.G.2	International Financial Reporting Standard No. 9 – Guidance on Implementing IFRS 9 Section G: Other, paragraph G.2
IAS 32.AG3	International Accounting Standard No. 32 – Appendix A – Application Guidance, paragraph AG3
Commentary	The commentary explains how the requirements of IFRS have been implemented in arriving at the illustrative disclosure
GAAP	Generally Accepted Accounting Principles/Practice
IASB	International Accounting Standards Board
Interpretations Committee	IFRS Interpretations Committee (formerly International Financial Reporting Interpretations Committee (IFRIC))
SIC	Standing Interpretations Committee

Introduction

This publication contains an illustrative set of consolidated financial statements for Good First-time Adopter (International) Limited (the parent) and its subsidiaries (the Group). These are the Group's first financial statements to be prepared in accordance with International Financial Reporting Standards (IFRS) as the Group is a first-time adopter of IFRS. Good First-time Adopter (International) Limited is a fictitious, large publicly listed manufacturing company incorporated in a fictitious country within Europe. The presentation currency of the Group is the euro (€).

Objective

This set of illustrative financial statements is one of many prepared by EY to assist you in preparing your own financial statements. The illustrative financial statements are intended to reflect transactions, events and circumstances that we consider to be most common for a broad range of first-time adopters of IFRS, across a wide variety of industries. Certain disclosures are included in these financial statements merely for illustrative purposes, even though they may be regarded as items or transactions that are not material for the Group.

How to use these illustrative financial statements to prepare entity-specific disclosures

Users of this publication are encouraged to prepare entity-specific disclosures. Transactions and arrangements other than those applicable to the Group may require additional disclosures. It should be noted that the illustrative financial statements of the Group are not designed to satisfy any stock market or country-specific regulatory requirements, nor is this publication intended to reflect disclosure requirements that apply mainly to regulated or specialised industries.

Notations shown in the right-hand margin of each page are references to IFRS paragraphs that describe the specific disclosure requirements. Commentaries are provided to explain the basis for the disclosure or to address alternative disclosures not included in the illustrative financial statements. For a more comprehensive list of disclosure requirements, please refer to EY's [Online International GAAP® Disclosure Checklist and EY Intelligent Checklist](#). If questions arise as to the IFRS requirements, it is essential to refer to the relevant source material and, where necessary, to seek appropriate professional advice.

Improving disclosure effectiveness

Terms such as 'disclosure overload' and 'cutting the clutter', and more precisely 'disclosure effectiveness', describe a problem in financial reporting that has become a priority issue for the International Accounting Standards Board (IASB or Board), local standard setters, and regulatory bodies. The growth and complexity of financial statement disclosure is also drawing significant attention from financial statement preparers, and more importantly, the users of financial statements.

Considering the purpose of *Good First-time Adopter (International) Limited - Illustrative consolidated financial statements of a first-time adopter for the year ended 31 December 2019*, the notes largely follow the order in which items are presented in the primary financial statements. Paragraph 113 of IAS 1 *Presentation of Financial Statements* requires the notes to be presented in a systematic manner and paragraph 114 provides examples of different systematic orderings and groupings that preparers may consider. An alternative structure that some may find more effective in permitting the users to identify the relevant information more easily, involves reorganising the notes according to their nature and perceived importance. An illustrative ordering of the alternative structure that is based on seven different notes sections is summarised in the table below:

Sections	For example, comprising:
Corporate and Group information	<ul style="list-style-type: none">▶ Corporate and Group information
Basis of preparation and other significant accounting policies	<ul style="list-style-type: none">▶ Basis of preparation▶ Other significant accounting policies not covered in other sections (below)▶ Changes in accounting policies and disclosures▶ Fair value measurement and related fair value disclosures▶ Impact of standards issued but not yet effective
Group business, operations, and management	<ul style="list-style-type: none">▶ Revenue from contracts with customers▶ Financial instruments risk management objectives and policies▶ Hedging activities and derivatives▶ Capital management▶ Distributions made and proposed

Sections	For example, comprising:
	<ul style="list-style-type: none"> ▶ Segment information ▶ Basis of consolidation and information on material partly-owned subsidiaries ▶ Interest in joint ventures and investment in associates ▶ Leases
Significant transactions and events	<ul style="list-style-type: none"> ▶ Business combinations and acquisitions of non-controlling interests ▶ Discontinued operations ▶ Impairment of goodwill and intangible assets with indefinite lives ▶ Related party disclosures ▶ Events after the reporting period
Detailed information on statement of profit or loss and other comprehensive income items	<ul style="list-style-type: none"> ▶ Other operating income and expenses ▶ Finance income and costs ▶ Depreciation, amortisation, foreign exchange differences and costs of inventories ▶ Detailed breakdown of administrative, employee benefits and research and development expenses ▶ Share-based payments ▶ Components of other comprehensive income ▶ Earnings per share
Detailed information on statement of financial position items	<ul style="list-style-type: none"> ▶ Income tax ▶ Property, plant and equipment, investment properties and intangible assets ▶ Financial assets and liabilities ▶ Inventories ▶ Trade receivables and contract assets ▶ Cash and short-term deposits ▶ Issued capital and reserves ▶ Provisions ▶ Government grants ▶ Trade payables ▶ Contract liabilities ▶ Pensions and other post-employment benefits
Commitments and contingencies	<ul style="list-style-type: none"> ▶ Other commitments ▶ Legal claim contingency ▶ Guarantees ▶ Other contingent liabilities

By structuring the notes according to their nature and perceived importance, users may find it easier to extract the relevant information. In addition, the significant accounting policies, judgements, key estimates and assumptions could alternatively be placed within the same note as the related qualitative and quantitative disclosures to provide a more holistic discussion to users of the financial statements. The alternative structure summarised above has been applied in [Good Group \(International\) Limited - Alternative Format](#). As the key difference between the illustrative financial statements herein and in the alternative format illustrative financial statements is the structuring of the notes, [Good Group \(International\) Limited - Alternative Format](#) is a useful tool for entities exploring ways to enhance the effectiveness of their financial statements' disclosures.

Applying the concept of materiality requires judgement, in particular, in relation to matters of presentation and disclosure; the inappropriate application of the concept may be another cause of the perceived disclosure problem. IFRS sets out a set of minimum disclosure requirements which, in practice, too often is complied with without consideration of the information's relevance for the specific entity. That is, if the transaction or item is immaterial to the entity, then it is not relevant to users of financial statements, in which case, IFRS does not require the item to be disclosed (IAS 1.31). If immaterial information is included in the financial statements, the amount of information may potentially reduce the transparency and usefulness of the financial statements as the material and, thus, relevant, information loses prominence. IFRS Practice Statement 2 *Making Materiality Judgements* provides practical guidance and examples that companies may find helpful in deciding whether information is material. Entities are encouraged to consider it when making materiality judgements.

As explained above, the primary purpose of these financial statements is to illustrate how the most commonly applicable disclosure requirements can be met. Therefore, they include disclosures that may, in practice, be deemed not material to the Group. It is essential that entities consider their own specific circumstances when determining which disclosures to include. These financial statements are not intended to act as guidance for making the materiality assessments; they must always be tailored to ensure that an entity's financial statements reflect and portray its specific circumstances and its own materiality considerations. Only then will the financial statements provide decision-useful financial information.

For more guidance on how to improve disclosure effectiveness, please refer to our publication, *Applying IFRS: Enhancing communication effectiveness* (February 2017) and [Good Group \(International\) Limited – Alternative Format](#).

Illustrative financial statements

We provide a number of industry-specific illustrative financial statements and illustrative financial statements addressing specific circumstances that you may consider. The entire series of illustrative financial statements comprises:

- ▶ Good Group (International) Limited
- ▶ Good Group (International) Limited – *Alternative Format*
- ▶ Good Group (International) Limited – Illustrative interim condensed consolidated financial statements
- ▶ Good First-time Adopter (International) Limited
- ▶ Supplement to Good Group (International) Limited – Agriculture
- ▶ Good Investment Fund Limited (Equity)
- ▶ Good Investment Fund Limited (Liability)
- ▶ Good Real Estate Group (International) Limited
- ▶ Good Mining (International) Limited
- ▶ Good Petroleum (International) Limited
- ▶ Good Bank (International) Limited
- ▶ Good Insurance (International) Limited
- ▶ Good Life Insurance (International) Limited
- ▶ Good General Insurance (International) Limited

International Financial Reporting Standards

The abbreviation IFRS is defined in paragraph 5 of the *Preface to International Financial Reporting Standards* to include “standards and interpretations approved by the IASB, and International Accounting Standards (IASs) and Standing Interpretations Committee interpretations issued under previous Constitutions”. This is also noted in paragraph 7 of IAS 1 and paragraph 5 of IAS 8 *Accounting Policies, Changes in Accounting Estimates and Errors*. Thus, when financial statements are described as complying with IFRS, it means that they comply with the entire body of pronouncements sanctioned by the IASB. This includes the IAS, IFRS and Interpretations originated by the IFRS Interpretations Committee (formerly the SIC).

International Accounting Standards Board (IASB)

The IASB is the independent standard-setting body of the IFRS Foundation (an independent not-for-profit private sector organisation working in the public interest). The IASB members are responsible for the development and publication of IFRSs, including *International Financial Reporting Standard for Small and Medium-sized Entities* (IFRS for SMEs), and for approving Interpretations of IFRS as developed by the IFRS Interpretations Committee.

In fulfilling its standard-setting duties, the IASB follows a due process, of which the publication of consultative documents, such as discussion papers and exposure drafts, for public comment is an important component.

The IFRS Interpretations Committee (Interpretations Committee)

The Interpretations Committee is a committee appointed by the IFRS Foundation Trustees that assists the IASB in establishing and improving standards in financial accounting and reporting for the benefit of users, preparers and auditors of financial statements.

The Interpretations Committee addresses issues of reasonably widespread importance, rather than issues of concern to only a small set of entities. These include any identified financial reporting issues not addressed in IFRS. The Interpretations Committee also advises the IASB on issues to be considered in the annual improvements to IFRS project.

IFRS as at 30 June 2019

As a general approach, these illustrative financial statements do not early adopt standards, amendments or interpretations before their effective date.

The standards applied in these illustrative financial statements are those that were in issue as at 30 June 2019 and effective for annual periods beginning on or after 1 January 2019. It is important to note that these illustrative financial statements will require continual updating as standards are issued and/or revised and as they become effective.

Users of this publication are cautioned to check that there has been no change in requirements of IFRS between 30 June 2019 and the date on which their financial statements are authorised for issue. In accordance with paragraph 30 of IAS 8, specific disclosure requirements apply for standards and interpretations issued but not yet effective (see [Note 36](#) of these illustrative financial statements). Furthermore, if the financial year of an entity is other than the calendar year, new and revised standards applied in these illustrative financial statements may not be applicable. For an overview of the upcoming changes in standards and interpretations, please refer to our quarterly *IFRS Update* publication.

Accounting policies in the first IFRS financial statements

IFRS 1 requires an entity to use the same accounting policies in its opening IFRS statement of financial position and throughout all periods presented in its first IFRS financial statements. Those accounting policies must comply with each IFRS effective at the end of its first IFRS reporting period, except as specified in IFRS 1 (e.g., when the exceptions in IFRS 1 prohibit retrospective application or an entity avails itself of one of IFRS 1's voluntary exemptions). An entity must not apply different versions of IFRSs that were effective at earlier dates. An entity may apply a new IFRS that is not yet mandatory if that IFRS permits early application.

A first-time adopter of IFRS does not apply the IAS 8 *Accounting Policies, Changes in Accounting Estimate and Errors* requirements to changes in accounting policies that occur when an entity first adopts IFRS. Rather, a first-time adopter of IFRS must provide an explanation of transition adjustments and reconciliations of equity and comprehensive income. If a first-time adopter changes its accounting policies or its use of the IFRS 1 exemptions during the period covered by the first IFRS financial statements, for example, if the entity had published interim financial statements in accordance with IAS 34 *Interim Financial Reporting*, it must explain how this change affected its previously reported financial position, financial performance and cash flows. The entity must also update the equity and comprehensive income reconciliations as of the transition date and as of the end of and for the comparative period, respectively. [Note 2.4](#) of this publication illustrates how a first-time adopter may provide the explanation of transition adjustments and reconciliations required by IFRS 1.

Allowed alternative accounting treatments

In some cases, IFRS permit more than one accounting treatment for a transaction or event. Preparers of financial statements should select the treatment that is most relevant to their business and circumstances as their accounting policy.

IAS 8 requires an entity to select and apply its accounting policies consistently for similar transactions, events and/or conditions, unless an IFRS specifically requires or permits categorisation of items for which different policies may be appropriate. Where an IFRS requires or permits such categorisation, an appropriate accounting policy is selected and applied consistently to each category. Therefore, once a choice of one of the alternative treatments has been made, it becomes an accounting policy and must be applied consistently. After an entity has presented its first IFRS financial statements, changes in accounting policies should only be made if required by a standard or interpretation, or if the change results in the financial statements providing reliable and more relevant information.

In this publication, when a choice is permitted by IFRS, the Group has adopted one of the treatments as appropriate to the circumstances of the Group. In these cases, the commentary provides details of which policy has been selected, and the reasons for this policy selection.

Financial review by management

Many entities present a financial review by management that is outside the financial statements. IFRS does not require the presentation of such information, although paragraph 13 of IAS 1 gives a brief outline of what may be included in an annual report. IFRS Practice Statement 1, *Management Commentary* provides a non-binding framework for the presentation of a management commentary that relates to financial statements prepared in accordance with IFRS. If a company decides to follow the guidance in the Practice Statement, management is encouraged to explain the extent to which the Practice Statement has been followed. A statement of compliance with the Practice Statement is only permitted if it is followed in its entirety. The content of a financial review by management is often determined by local market requirements or issues specific to a particular jurisdiction.

No financial review by management has been included for the Group.

Effective for annual periods ending 31 December 2019

The Good First-time Adopter (International) Limited consolidated financial statements have been prepared to comply with all IFRS standards and interpretations effective as of its first IFRS reporting period which is 31 December 2019. [Note 36](#) provides a listing of standards and interpretations that have been issued but are not effective as of 31 December 2019 and have therefore not been adopted by the Group.

Good First-time Adopter (International) Limited

Consolidated Financial Statements

31 December 2019

Commentary

Good First-time Adopter (International) Limited is a limited company incorporated and domiciled in Euroland and whose shares are publicly traded. Financial statements of that category of entity are usually subject to mandatory audit either under International Standards on Auditing (ISA) or local audit standards and auditor's report should be disclosed together with the annual financial statements. However, this publication is not intended to provide guidance on the application of ISA 700 (Revised) *Forming an Opinion and Reporting on Financial Statements* or the specific requirements of individual jurisdictions. Hence, an illustrative auditor's report on the consolidated financial statements of Good First-time Adopter (International) Limited has not been included.

Consolidated statement of profit or loss

for the year ended 31 December 2019

IFRS 1.21
IAS 1.10(b)
IAS 1.51(c)
IAS 1.51(d),(e)

		2019	2018	
		€000	€000	
	Notes			
Continuing operations				IAS 1.81A
Revenue from contracts with customers	4	179,058	159,088	IFRS 15.113(a)
Rental income	18	1,404	1,377	
Revenue		180,462	160,465	IAS 1.82(a)
Cost of sales		(136,549)	(128,386)	IAS 1.103
Gross profit		43,913	32,079	IAS 1.85, IAS 1.103
Other operating income	13.1	2,435	2,548	IAS 1.103
Selling and distribution expenses		(14,001)	(12,964)	IAS 1.99, IAS 1.103
Administrative expenses	13.9	(18,290)	(12,011)	IAS 1.99, IAS 1.103
Other operating expenses	13.2	(2,554)	(353)	IAS 1.99, IAS 1.103
Operating profit		11,503	9,299	IAS 1.85, IAS 1.BC55-56
Finance costs	13.3	(1,366)	(1,268)	IAS 1.82(b), IFRS 7.20
Finance income	13.4	202	145	
Other income	13.5	98	66	
Share of profit of an associate and a joint venture	10,11	671	638	IAS 1.82(c)
Profit before tax from continuing operations		11,108	8,880	IAS 1.85
Income tax expense	15	(3,098)	(2,233)	IAS 1.82(d), IAS 12.77
Profit for the year from continuing operations		8,010	6,647	IAS 1.85
Discontinued operations				
Profit/(loss) after tax for the year from discontinued operations	14	220	(188)	IAS 1.82 (ea) IFRS 5.33(a)
Profit for the year		8,230	6,459	IAS 1.81A(a)
Attributable to:				
Equity holders of the parent		7,942	6,220	IAS 1.81B (a)(ii)
Non-controlling interests		288	239	IAS 1.81B (a)(i)
		8,230	6,459	
Earnings per share	16			IAS 33.66
► Basic, profit for the year attributable to ordinary equity holders of the parent		€0.38	€0.33	
► Diluted, profit for the year attributable to ordinary equity holders of the parent		€0.38	€0.32	
Earnings per share for continuing operations	16			
► Basic, profit from continuing operations attributable to ordinary equity holders of the parent		€0.37	€0.34	
► Diluted, profit from continuing operations attributable to ordinary equity holders of the parent		€0.37	€0.33	

Y. Shimomura, Chairman

E. Rullan, Group Chief Executive

29 January 2020

Commentary

IAS 1.10 suggests titles for the primary financial statements, such as 'statement of profit or loss and other comprehensive income' or 'statement of financial position'. Entities are, however, permitted to use other titles, such as 'income statement' or 'balance sheet'. The Group applies the titles suggested in IAS 1. IFRS 15.113(a) requires revenue recognised from contracts with customers to be disclosed separately from other sources of revenue, unless presented separately in the statement of comprehensive income or statement of profit or loss. The Group has elected to present the revenue from contracts with customers as a line item in the statement of profit or loss separate from the other source of revenue. IFRS 15 only applies to a subset of total revenue (i.e., revenue from contracts with customers).

IFRS 15 defines revenue as 'income arising in the course of an entity's ordinary activities', but it excludes some revenue contracts from its scope (e.g., leases). IFRS 15 does not explicitly require an entity to use the term 'revenue from contracts with customers'. Therefore, entities may use different terminology in their financial statements to describe revenue arising from transactions that are within the scope of IFRS 15. However, entities should ensure the terms used are not misleading and allow users to distinguish revenue from contracts with customers from other sources of revenue.

The Group also presented a line item for total revenue on the face of the statement of profit or loss as required by IAS 1.82(a). The Group presented rental income as part of revenue as it arises in the course of its ordinary activities.

Cost of sales includes costs of inventories recognised as expense. IAS 2.34 requires that when inventories are sold, the carrying amount of those inventories must be recognised as an expense in the period in which the related revenue is recognised.

IAS 1.99 requires expenses to be analysed either by their nature or by their function within the statement of profit or loss, whichever provides information that is reliable and more relevant. If expenses are analysed by function, information about the nature of expenses must be disclosed in the notes. The Group has presented the analysis of expenses by function. In [Appendix 3](#) of *Good Group (International) Limited 2019*, the consolidated statement of profit or loss is presented with an analysis of expenses by nature.

The Group has presented operating profit in the statement of profit or loss although not required by IAS 1. The terms 'operating profit' or 'operating income' are not defined in IFRS. IAS 1.BC56 states that the IASB recognises that an entity may elect to disclose the results of operating activities, or a similar line item, even though this term is not defined. The entity should ensure the amount disclosed is representative of activities that would normally be considered to be 'operating'. For instance, "it would be inappropriate to exclude items clearly related to operations (such as inventory write-downs and restructuring and relocation expenses) because they occur irregularly or infrequently or are unusual in amount. Similarly, it would be inappropriate to exclude items on the grounds that they do not involve cash flows, such as depreciation and amortisation expenses" (IAS 1.BC56). In practice, other titles, such as earnings before interest and taxation (EBIT), are sometimes used to refer to an operating result. Such subtotals are subject to the guidance included in IAS 1.85A.

The Group has presented its share of profit of an associate and joint venture using the equity method under IAS 28 *Investments in Associates and Joint Ventures* after the line-item 'operating profit'. IAS 1.82(c) requires 'share of the profit or loss of associates and joint ventures accounted for using the equity method' to be presented in a separate line item on the face of the statement profit or loss. In complying with this requirement, the Group combines the share of profit or loss from an associate and a joint venture in one line item. Regulators or standard-setters in certain jurisdictions recommend or accept share of the profit/loss of equity method investees being presented with reference to whether the operations of the investees are closely related to that of the reporting entity. This may result in the share of profit/loss of certain equity method investees being included in the operating profit, while the share of profit/loss of other equity method investees being excluded from operating profit. In other jurisdictions, regulators or standard-setters believe that IAS 1.82(c) requires that share of profit/loss of equity method investees be presented as one line item (or, alternatively, as two or more adjacent line items, with a separate line for the sub-total). This may cause diversity in practice.

IAS 33.68 requires presentation of basic and diluted earnings per share (EPS) for discontinued operations either on the face of the statement of profit or loss or in the notes to the financial statements. The Group has elected to show this information with other disclosures required for discontinued operations in [Note 14](#) and to show the EPS information for continuing operations on the face of the statement of profit or loss.

IAS 1.82(ba) requires that the statement of profit or loss include line items that present the impairment losses (including reversals of impairment losses or impairment gains) determined in accordance with IFRS 9. The Group did not present its impairment losses determined in accordance with IFRS 9 separately in the statement of profit or loss as the amounts are not considered material.

IFRS 16.49 requires a lessee to present in the statement of profit or loss, the interest expense on lease liabilities separately from the depreciation charge for the right-of-use asset. The interest expense on the lease liabilities is a component of finance costs, which IAS 1.82(b) requires to be presented separately in the statement of profit or loss. Consistent with this requirement, the Group presented interest expense on lease liabilities under 'finance costs' and the depreciation charge on the right-of-use asset under 'cost of sales' and 'administrative expenses'.

Consolidated statement of comprehensive income

for the year ended 31 December 2019

		2019	2018	IFRS 1.21 IAS 1.51(c) IAS 1.81A IAS 1.10(b)
		€000	€000	
Notes				IAS 1.51(d),(e) IAS 1.90 IAS 12.61A IAS 1.81A(a)
Profit for the year		8,230	6,459	
Other comprehensive income				IAS 1.82A
<i>Other comprehensive income that may be reclassified to profit or loss in subsequent periods (net of tax):</i>				
Net gain on hedge of a net investment		195	–	IFRS 9.6.5.13
Exchange differences on translation of foreign operations	21.3,25	(246)	(117)	IAS 21.32 IAS 21.52(b)
Net gain/(loss) on cash flow hedges	21.3,25	(618)	24	IFRS 7.23(c)
Net change in costs of hedging	21.3,25	(22)	–	
Net loss on debt instruments at fair value through other comprehensive income	21.3,25	(15)	(1)	IFRS 7.20(a)(viii)
Share of other comprehensive loss of an associate	11	(30)	–	IAS 1.82A(b)
Net other comprehensive loss that may be reclassified to profit or loss in subsequent periods		(736)	(94)	IAS 1.82A
<i>Other comprehensive income that will not be reclassified to profit or loss in subsequent periods (net of tax):</i>				
Net gain/(loss) on equity instruments designated at fair value through other comprehensive income	25	(18)	7	IFRS 7.20(a)(vii) IAS 19.120(c)
Remeasurement gain/(loss) on defined benefit plans	32	257	(273)	IAS 19.122
Revaluation of office properties in Euroland	17	592	–	IAS 16.39
Share of other comprehensive income of an associate	11	30	–	IAS 1.82A(b)
Net other comprehensive income/(loss) that will not be reclassified to profit or loss in subsequent periods		861	(266)	IAS 1.82A
Other comprehensive income/(loss) for the year, net of tax		125	(360)	IAS 1.81A(b)
Total comprehensive income for the year, net of tax		8,355	6,099	IAS 1.81A(c)
Attributable to:				
Equity holders of the parent		8,067	5,860	IAS 1.81B(b)(iii)
Non-controlling interests		288	239	IAS 1.81B(b)(i)
		8,355	6,099	

Commentary

The Group has elected as an accounting policy to present two statements, a statement of profit or loss and a statement of comprehensive income, rather than a single statement of profit or loss and other comprehensive income combining the two elements. If a two-statement approach is adopted, the statement of profit or loss must be followed directly by the statement of comprehensive income. For illustrative purposes, the disclosure of a single statement of profit or loss and other comprehensive income is presented in in [Appendix 2](#) of *Good Group (International) Limited 2019*.

IAS 1.90 requires an entity to disclose the amount of income tax relating to each item of other comprehensive income (OCI), including reclassification adjustments, either in the statement of comprehensive income or in the notes. The Group presented each item of OCI net of the related tax effects in the statement above. The Group then disclosed the income tax effects of each item of OCI in [Note 15](#) and the reclassification adjustments in [Note 25](#). Another alternative provided by IAS 1.91 is to present the different items of OCI before the related tax effects with one amount shown for the aggregate amount of income tax relating to those items. An entity electing this alternative must allocate the tax between those items that 'may be reclassified to profit or loss' and 'will not be reclassified to profit or loss' in subsequent periods. This alternative is illustrated in in [Appendix 2](#) of *Good Group (International) Limited 2019*.

IAS 1.82A requires that items that may be reclassified subsequently to profit or loss, when specific conditions are met, must be grouped on the face of the statement of comprehensive income. Similarly, items that will not be reclassified must also be grouped together. In order to make these disclosures, an entity must analyse whether its OCI items are eligible to be subsequently reclassified to profit or loss under IFRS.

The Group has presented, in OCI the gains and losses arising from cash flow hedges, including those related to foreign currency and commodity forward contracts that are hedges of forecast inventory purchases, that may be reclassified to profit or loss in subsequent periods. Under IFRS 9.6.5.11(d)(i), if a hedged forecast transaction subsequently results in the recognition of a non-financial asset, the entity must remove the amount from the cash flow hedge reserve and include it directly in the initial cost or other carrying amount of the asset as a basis adjustment. IAS 1.96 states that reclassification adjustments do not arise if a cash flow hedge results in amounts that are removed from the cash flow hedge reserve or a separate component of equity and included directly in the initial cost or other carrying amount of an asset. In subsequent periods, the amount previously recorded in the cash flow hedge reserve may be recognised in profit or loss when the asset (liability) is being recovered (settled). Furthermore, other comprehensive income arising from a cash flow hedge of a future transaction of a non-financial item may not always result in a basis adjustment. These amounts might be reclassified to profit or loss in the case of a loss that is expected not to be partially or fully recovered (IFRS 9.6.5.11(d)(iii)), or if the future cash flows are no longer expected to occur (IFRS 9.6.5.12(b)). The Group concluded that it should present other comprehensive income arising from cash flow hedges consistently with the requirements for items of other comprehensive income that may be reclassified subsequently to profit or loss when specified conditions are met.

Under the requirements of IAS 1.82A and the Implementation Guidance to IAS 1, entities must present the share of the OCI items of equity method investees (i.e., associates and joint ventures), in aggregate as single line items within the 'may be reclassified' and the 'will not be reclassified' groups. As at 31 December 2019, the Group's associate has financial assets at fair value through OCI and an office building located in Euroland that is accounted for under the revaluation model. Consequently, the Group presents items of other comprehensive income related to the associate in two separate line items in the consolidated statement of comprehensive income.

Consolidated statement of financial position

as at 31 December 2019

		2019	2018	As at 1 January 2018	IFRS 1.21 IAS 1.10(a) IAS 1.10(f) IAS 1.51(c) IAS 1.51(d),(e)
	Notes	€000	€000	€000	
Assets					
Non-current assets					IAS 1.60
Property, plant and equipment	17	32,979	24,329	18,940	IAS 1.54(a)
Investment properties	18	8,893	7,983	7,091	IAS 1.54(b)
Intangible assets	19	6,019	2,461	2,114	IAS 1.54(c)
Right-of-use assets	31	2,908	2,732	2,915	IFRS 16.47
Investment in an associate and a joint venture	10,11	3,187	2,516	1,878	IAS 1.54(e), IAS 28.38
Non-current financial assets	21	3,761	2,816	2,273	IAS 1.54(d), IFRS 7.8
Deferred tax assets	15	383	365	321	IAS 1.54(o), IAS 1.56
		58,130	43,202	35,532	
Current assets					IAS 1.60, IAS 1.66
Inventories	22	26,027	23,830	24,296	IAS 1.54(g)
Right of return assets	4	1,124	929	856	IFRS 15.B21
Trade receivables	4,23	25,672	22,290	25,537	IAS 1.54(h), IFRS 15.105
Contract assets	4,23	4,541	5,180	3,450	IFRS 15.105
Prepayments		244	165	226	IAS 1.55
Other current financial assets	21	551	153	137	IAS 1.54(d), IFRS 7.8
Cash and short-term deposits	24	17,528	14,916	11,066	IAS 1.54(i)
		75,687	67,463	65,568	
Assets held for sale	14	13,554	–	–	IAS 1.54(j), IFRS 5.38
		89,241	67,463	65,568	
Total assets		147,371	110,665	101,100	
Equity and liabilities					
Equity					IAS 1.54(r), IAS 1.78(e)
Issued capital	25	21,888	19,388	19,388	
Share premium	25	4,780	80	–	
Treasury shares	25	(508)	(654)	(774)	
Other capital reserves	25	1,171	864	566	
Retained earnings		31,636	25,929	21,582	
Other components of equity		(642)	(505)	(418)	
Reserves of a disposal group held for sale	14	46	–	–	IFRS 5.38
Equity attributable to equity holders of the parent		58,371	45,102	40,344	
Non-controlling interests		2,410	740	208	IAS 1.54(q)
Total equity		60,781	45,842	40,552	
Non-current liabilities					IAS 1.60
Interest-bearing loans and borrowings	21	22,147	23,313	21,358	IAS 1.54(m)
Other non-current financial liabilities	21	806	–	–	IAS 1.54(m), IFRS 7.8
Provisions	27	1,898	19	15	IAS 1.54(l)
Government grants	28	3,300	1,400	1,300	IAS 20.24
Contract liabilities	4,29	2,962	888	692	IFRS 15.105
Net employee defined benefit liabilities	32	3,050	2,977	2,526	IAS 1.55, IAS 1.78(d)
Deferred tax liabilities	15	2,454	607	780	IAS 1.54(o), IAS 1.56
		36,617	29,204	26,671	
Current liabilities					IAS 1.60, IAS 1.69
Trade and other payables	30	16,969	20,023	18,248	IAS 1.54(k)
Contract liabilities	4,29	2,880	2,486	1,836	IFRS 15.105
Refund liabilities	4	6,242	5,844	3,796	IFRS 15.B21
Interest-bearing loans and borrowings	21	2,832	3,142	4,834	IAS 1.54(m), IFRS 7.8(g)
Other current financial liabilities	21	2,953	254	303	IAS 1.54(m), IFRS 7.8
Government grants	28	149	151	150	IAS 1.55, IAS 20.24
Income tax payable		3,511	3,563	4,625	IAS 1.54(n)
Provisions	27	902	156	85	IAS 1.54(l)
Dividends payable	26	410	–	–	
		36,848	35,619	33,877	
Liabilities directly associated with the assets held for sale	14	13,125	–	–	IAS 1.54(p), IFRS 5.38
		49,973	35,619	33,877	
Total liabilities		86,590	64,823	60,548	
Total equity and liabilities		147,371	110,665	101,100	

Commentary

IFRS 1.21 requires an entity's first IFRS financial statements to present at least three statements of financial position, two statements of profit or loss and other comprehensive income, two separate statements of profit or loss (if presented), two statements of cash flows and two statements of changes in equity and related notes, including comparative information for all statements presented.

In accordance with IAS 1.60, the Group has presented current and non-current assets, and current and non-current liabilities, as separate classifications in the statement of financial position. IAS 1 does not require a specific order of the two classifications. The Group has elected to present non-current assets and liabilities before current assets and liabilities. IAS 1 requires entities to present assets and liabilities in order of liquidity when this presentation is reliable and more relevant.

The Group presented 'contract assets' and 'contract liabilities' in the statement of financial position using the terminology from IFRS 15. IFRS 15.109 allows an entity to use alternative descriptions. However, it must disclose sufficient information so that users of the financial statements can clearly distinguish between unconditional rights to receive consideration (receivables) and conditional rights to receive consideration (contract assets).

IFRS 15.B25 requires an entity to present the refund liability separately from the corresponding asset (on a gross basis, rather than a net basis). The Group presented 'right of return assets' and 'refund liabilities' separately in the statement of financial position.

IFRS 16.47 requires a lessee to either present in the statement of financial position, or disclose in the notes, the right-of-use assets separately from other assets and lease liabilities separately from other liabilities. If a lessee does not present right-of-use assets separately in the statement of financial position, the lessee is required to include right-of-use assets within the same line item that the corresponding underlying assets would be presented if they were owned (e.g., under property, plant and equipment) and it is required to disclose which line items in the statement of financial position include those right-of-use assets. Similarly, if the lessee does not present lease liabilities separately in the statement of financial position, the lessee is required to disclose the line items in the statement of financial position which include those liabilities. The Group presented its 'Right-of-use assets' separately in the statement of financial position. The related lease liabilities were presented in the line item 'Interest-bearing loans and borrowings'.

Consolidated statement of changes in equity

for the year ended 31 December 2019

Attributable to the equity holders of the parent

	Issued capital (Note 25)	Share premium (Note 25)	Treasury shares (Note 25)	Other capital reserves (Note 25)	Retained earnings	Cash flow hedge reserve	Cost of hedging reserve	Fair value reserve of financial assets at FVOCI	Foreign currency translation reserve	Asset revaluation surplus	Reserve of disposal group held for sale	Total	Non- controlling interests	Total equity	IFRS 1.21 IAS 1.10(c) IAS 1.49 IAS 1.51(b),(c) IAS 1.106(d) IAS 1.51(d),(e)
	€000	€000	€000	€000	€000	€000	€000	€000	€000	€000	€000	€000	€000	€000	
As at 1 January 2019	19,388	80	(654)	864	25,929	(70)	–	9	(444)	–	–	45,102	740	45,842	
Profit for the period	–	–	–	–	7,942	–	–	–	–	–	–	7,942	288	8,230	IAS 1.106(d)(xi)
Other comprehensive income (Note 25)	–	–	–	–	257	(618)	(22)	(63)	(51)	622	–	125	–	125	IAS 1.106(d)(ii)
Total comprehensive income	–	–	–	–	8,199	(618)	(22)	(63)	(51)	622	–	8,067	288	8,355	IAS 1.106(a)
Depreciation transfer for office properties in Euroland	–	–	–	–	80	–	–	–	–	(80)	–	–	–	–	IAS 1.96
Discontinued operations (Note 14)	–	–	–	–	–	–	–	(46)	–	–	46	–	–	–	IFRS 5.38
Issue of share capital (Note 25)	2,500	4,703	–	–	–	–	–	–	–	–	–	7,203	–	7,203	IAS 1.106(d)(iii)
Exercise of options (Note 25)	–	29	146	–	–	–	–	–	–	–	–	175	–	175	IAS 1.106(d)(iii), IFRS 2.50
Share based payments (Note 33)	–	–	–	307	–	–	–	–	–	–	–	307	–	307	IAS 32.39, IAS 1.109
Transaction costs (Note 8)	–	(32)	–	–	–	–	–	–	–	–	–	(32)	–	(32)	IAS 1.107
Cash dividends (Note 26)	–	–	–	–	(2,389)	–	–	–	–	–	–	(2,389)	(30)	(2,419)	
Transfer of fair value reserve of equity instruments designated at FVOCI	–	–	–	–	7	–	–	(7)	–	–	–	–	–	–	
Transfer of cash flow hedge reserve to inventories	–	–	–	–	–	126	2	–	–	–	–	128	–	128	
Acquisition of a subsidiary (Note 8)	–	–	–	–	–	–	–	–	–	–	–	–	1,547	1,547	IAS 1.106(d)(iii)
Acquisition of non-controlling interests (Note 8)	–	–	–	–	(190)	–	–	–	–	–	–	(190)	(135)	(325)	IAS 1.106(d)(iii)
At 31 December 2019	21,888	4,780	(508)	1,171	31,636	(562)	(20)	(107)	(495)	542	46	58,371	2,410	60,781	

Consolidated statement of changes in equity

for the year ended 31 December 2018

Attributable to the equity holders of the parent

	Issued capital (Note 25)	Share premium (Note 25)	Treasury shares (Note 25)	Other capital reserves (Note 25)	Retained earnings	Cash flow hedge reserve	Fair value reserve of financial assets at FVOCI	Foreign currency translation reserve	Total	Non-controlling interests	Total equity	IFRS 1.21 IAS 1.10(c) IAS 1.49 IAS 1.51(b),(c) IAS 1.106(d) IAS 1.51(d),(e)
As at 1 January 2018	19,388	–	(774)	566	21,582	(94)	3	(327)	40,344	208	40,552	
Profit for the period	–	–	–	–	6,220	–	–	–	6,220	239	6,459	IAS 1.106(d)(i)
Other comprehensive income (Note 25)	–	–	–	–	(273)	24	6	(117)	(360)	–	(360)	IAS 1.106(d)(ii)
Total comprehensive income	–	–	–	–	5,947	24	6	(117)	5,860	239	6,099	IAS 1.106(a)
Exercise of options (Note 25)	–	80	120	–	–	–	–	–	200	–	200	IAS 1.106(d)(iii),
Share-based payments (Note 33)	–	–	–	298	–	–	–	–	298	–	298	IFRS 2.50
Dividends (Note 26)	–	–	–	–	(1,600)	–	–	–	(1,600)	(49)	(1,649)	IAS 1.107
Non-controlling interests arising on a business combination (Note 8)	–	–	–	–	–	–	–	–	–	342	342	IAS 1.106(d)(iii)
At 31 December 2018	19,388	80	(654)	864	25,929	(70)	9	(444)	45,102	740	45,842	

Commentary

For equity-settled share-based payment transactions, IFRS 2.7 requires entities to recognise an increase in equity when goods or services are received. However, IFRS 2 *Share-based Payment* does not specify where in equity this should be recognised. The Group has chosen to recognise the credit in other capital reserves. In some jurisdictions, it is common to transfer other capital reserves to share premium or retained earnings when the share options are exercised or expire. Such transfer is also permitted by IFRS 2.23. However, the transfer to share premium is subject to legal restrictions that are in force in each jurisdiction. The Group has elected to continue to present other capital reserves separately. The Group provided treasury shares to employees exercising share options and elected to recognise the excess of cash received over the acquisition cost of those treasury shares in share premium.

The acquisition of an additional ownership interest in a subsidiary without a change of control is accounted for as an equity transaction in accordance with IFRS 10 *Consolidated Financial Statements*. Any excess or deficit of consideration paid over the carrying amount of the non-controlling interests is recognised in equity of the parent in transactions where the non-controlling interests are acquired or sold without loss of control. The Group has elected to recognise this effect in retained earnings. With respect to the subsidiary to which these non-controlling interests relate, there were no accumulated components recognised in OCI. If there had been such components, those would have been reallocated within equity of the parent (e.g., foreign currency translation reserve or fair value reserve of financial assets at FVOCI).

IFRS 5.38 requires that items recognised in OCI related to discontinued operations must be separately disclosed. The Group presents this effect in the statement of changes in equity above. However, presentation of such items within discontinued operations does not change the nature of the reserve. Generally, reclassification to profit or loss will only occur if and when required by IFRS.

The Group recognises remeasurement gains and losses arising on defined benefit pension plans in OCI in accordance with IAS 19 *Employee Benefits*. As they will never be reclassified into profit or loss, they are immediately recorded in retained earnings (refer to the statement of comprehensive income). IAS 19 does not require separate presentation of those components in the statement of changes in equity but an entity may choose to present the remeasurement gains and losses in a separate reserve within the statement of changes in equity.

The amounts presented as change in the asset revaluation surplus and the fair value reserve of financial assets at FVOCI include a share of other comprehensive income of the associate, which relates to the revaluation of an office building in Euroland and the remeasurement of debt instruments at fair value through OCI. IAS 1 specifically requires that entities must present the share of other comprehensive income items of their equity method investees, in aggregate, as a single line items within the 'to be reclassified' and the 'not to be reclassified' groups. IAS 28 *Investments in Associates and Joint Ventures*, IAS 1 and IFRS 12 do not provide specific guidance on how the investor should present its accumulated share of other comprehensive income of equity-accounted investees. The *Guidance on implementing IAS 1* contains an example in which the accumulated property, plant and equipment revaluation gain is included into the revaluation surplus of the investor. The Group applies a similar presentation of accumulated items of other comprehensive income of its associate. However, as current IFRS does not contain specific requirements on this issue, other presentation approaches may also be acceptable.

IFRS 9.B5.7.1 states that accumulated gains and losses recognised in OCI for equity financial assets must not be subsequently transferred to profit or loss. However, the entity may transfer the cumulative gain or loss within equity. The Group transferred the accumulated gain on its equity financial assets from OCI to retained earnings upon derecognition of the financial asset.

IFRS 9.6.5.11(d)(i) requires that if a hedged forecast transaction subsequently results in the recognition of a non-financial asset or non-financial liability, or a hedged forecast transaction for a non-financial asset or a non-financial liability becomes a firm commitment for which fair value hedge accounting is applied, the entity must remove that amount from the cash flow hedge reserve and include it directly in the initial cost or other carrying amount of the asset or liability. This is not a reclassification adjustment and, as such, it does not affect OCI. The Group has cash flow hedge reserve on its cash flow hedges of forecast inventory purchases that was included in the carrying amount of inventories.

Consolidated statement of cash flows

for the year ended 31 December 2019

			IFRS 1.21 IAS 1.49 IAS 1.51(c) IAS 1.10(d) IAS 1.51(d),(e) IAS 7.10, IAS 7.18(b)
	Notes	2019 €000	2018 €000
Operating activities			
Profit before tax from continuing operations		11,108	8,880
Profit/(loss) before tax from discontinued operations	14	213	(193)
Profit before tax		11,321	8,687
Adjustments to reconcile profit before tax to net cash flows:			IAS 7.20(b)
Depreciation and impairment of property, plant and equipment and right-of-use assets	17, 31	4,341	3,794
Amortisation and impairment of intangible assets	19	325	174
Equipment received from customers	17	(190)	(150)
Share-based payment expense	33	412	492
Decrease in fair value of investment properties	18	306	300
Net foreign exchange differences		(365)	(240)
Gain on disposal of property, plant and equipment	13.1	(532)	(2,007)
Fair value adjustment of a contingent consideration	8	358	–
Finance income	13.4	(202)	(145)
Finance costs	13.3	1,366	1,268
Other income	13.5	(98)	(66)
Net loss on derivative instruments at fair value through profit or loss		652	–
Share of profit of an associate and a joint venture	10, 11	(671)	(638)
Movements in provisions, pensions and government grants		(835)	(65)
Working capital adjustments:			IAS 7.20(a)
Decrease/(increase) in trade receivables, contract assets and prepayments		(7,102)	2,431
Decrease in inventories and right of return assets		1,129	1,111
Increase in trade and other payables, contract liabilities and refund liabilities		4,511	2,530
		14,726	17,476
Interest received		250	221
Interest paid		(1,067)	(1,173)
Income tax paid		(2,935)	(3,999)
Net cash flows from operating activities		10,974	12,525
Investing activities			IAS 7.10, IAS 7.21
Proceeds from sale of property, plant and equipment		1,990	2,319
Purchase of property, plant and equipment	17	(10,167)	(7,581)
Purchase of investment properties	18	(1,216)	(1,192)
Purchase of financial instruments		(272)	(225)
Proceeds from sale of financial instruments		328	145
Development expenditures	19	(587)	(390)
Acquisition of a subsidiary, net of cash acquired	8	230	(1,450)
Receipt of government grants	28	2,951	642
Net cash flows used in investing activities		(6,743)	(7,732)
Financing activities			IAS 7.10, IAS 7.21
Proceeds from exercise of share options		175	200
Acquisition of non-controlling interests	8	(325)	–
Transaction costs on issue of shares	25	(32)	–
Payment of principal portion of lease liabilities	31	(406)	(341)
Proceeds from borrowings		5,649	4,871
Repayment of borrowings		(2,032)	(4,250)
Dividends paid to equity holders of the parent	26	(1,979)	(1,600)
Dividends paid to non-controlling interests		(30)	(49)
Net cash flows from/(used in) financing activities		1,020	(1,169)
Net increase in cash and cash equivalents		5,251	3,624
Net foreign exchange difference		339	326
Cash and cash equivalents at 1 January		12,266	8,316
Cash and cash equivalents at 31 December	24	17,856	12,266

Commentary

IAS 7.18 allows entities to report cash flows from operating activities using either the direct method or the indirect method. The Group presents its cash flows using the indirect method. A statement of cash flows prepared using the direct method for operating activities is presented in [Appendix 4](#) of *Good Group (International) Limited 2019* for illustrative purposes.

The Group has reconciled profit before tax to net cash flows from operating activities. However, reconciliation from profit after tax is also acceptable under IAS 7 *Statement of Cash Flows*.

IAS 7.33 permits interest paid to be shown as operating or financing activities and interest received to be shown as operating or investing activities, as deemed relevant for the entity. The Group has elected to classify interest received and interest paid (including interest on lease liabilities and interest arising from revenue contracts, if there is any) as cash flows from operating activities.

Certain working capital adjustments and other adjustments included in the statement of cash flows, reflect the change in balances between 2019 and 2018, including the 2019 balances of the discontinued operations grouped in line-items 'assets classified as held for sale' and 'liabilities directly associated with the assets classified as held for sale'.

IFRS 16.50 requires that in the statement of cash flows, a lessee classifies: cash payments for the principal portion of the lease liability within financing activities; cash payments for the interest portion of the lease liability applying the requirements in IAS 7 for interest paid (i.e., IAS 7.31-33); and short-term lease payments, payments for leases of low-value assets and variable lease payments not included in the measurement of the lease liability within operating activities. Non-cash activity (e.g., the initial recognition of the lease at commencement) is required to be disclosed as a supplemental non-cash item in accordance with IAS 7.43 (see [Note 31](#)).

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Notes to the consolidated financial statements

1. Corporate information

The consolidated financial statements of Good First-time Adopter (International) Limited and its subsidiaries (collectively, the Group) for the year ended 31 December 2019 were authorised for issue in accordance with a resolution of the directors on 29 January 2020. Good First-time Adopter (International) Limited (the Company or the parent) is a limited company incorporated and domiciled in Euroland and whose shares are publicly traded. The registered office is located at Fire House, Ashdown Square in Euroville.

The Group is principally engaged in the provision of fire prevention and electronics equipment and services and the management of investment property (see [Note 5](#)). Information on the Group's structure is provided in [Note 7](#). Information on other related party relationships of the Group is provided in [Note 35](#).

IAS 1.10(e)
IAS 1.49
IAS 1.113

IAS 1.51(a)
IAS 1.51(b)

IAS 1.51(c)
IAS 1.138(a)
IAS 10.17

IAS 1.138(b)
IAS 1.138(c)

2. Significant accounting policies

Commentary

The identification of an entity's significant accounting policies is an important aspect of the financial statements. IAS 1.117 requires the significant accounting policies disclosures to summarise the measurement basis (or bases) used in preparing the financial statements, and the other accounting policies used that are relevant to an understanding of the financial statements. The significant accounting policies disclosed in this note illustrate some of the more commonly applicable accounting policies. However, it is essential that entities consider their specific circumstances when determining which accounting policies are significant and relevant and therefore need to be disclosed.

2.1 Basis of preparation

The consolidated financial statements of the Group have been prepared in accordance with International Financial Reporting Standards (IFRS) as issued by the International Accounting Standards Board (IASB).

For all periods up to and including the year ended 31 December 2018, the Group prepared its financial statements in accordance with local generally accepted accounting principles (Local GAAP). These financial statements for the year ended 31 December 2019 are the first the Group has prepared in accordance with IFRS. Refer to [Note 2.4](#) for information on how the Group adopted IFRS.

The consolidated financial statements have been prepared on a historical cost basis, except for investment properties, certain office properties (classified as property, plant and equipment), derivative financial instruments, debt and equity financial assets and contingent consideration that have been measured at fair value. The carrying values of recognised assets and liabilities that are designated as hedged items in fair value hedges that would otherwise be carried at amortised cost are adjusted to recognise changes in the fair values attributable to the risks that are being hedged in effective hedge relationships. The consolidated financial statements are presented in euros and all values are rounded to the nearest thousand (€000), except when otherwise indicated.

IAS 1.16
IFRS 1.23

IAS 1.112(a)
IAS 1.117(a)

IAS 1.51(d),(e)

Commentary

IFRS 1 requires an entity to explain how it transitioned from Local GAAP to IFRS and how its reported financial position, financial performance and cash flows were affected. The Group provides this transition disclosure in [Note 2.4](#).

Entities in certain jurisdictions may be required to comply with IFRS approved by local regulations, for example, listed companies in the European Union (EU) are required to comply with IFRS as endorsed by the EU. These financial statements only illustrate compliance with IFRS as issued by the IASB.

Notes to the consolidated financial statements

2. Significant accounting policies *continued*

2.2 Basis of consolidation

The consolidated financial statements comprise the financial statements of the Company and its subsidiaries as at 31 December 2019. Control is achieved when the Group is exposed, or has rights, to variable returns from its involvement with the investee and has the ability to affect those returns through its power over the investee. Specifically, the Group controls an investee if, and only if, the Group has:

IFRS 10.7

- ▶ Power over the investee (i.e., existing rights that give it the current ability to direct the relevant activities of the investee)
- ▶ Exposure, or rights, to variable returns from its involvement with the investee
- ▶ The ability to use its power over the investee to affect its returns

Generally, there is a presumption that a majority of voting rights results in control. To support this presumption and when the Group has less than a majority of the voting or similar rights of an investee, the Group considers all relevant facts and circumstances in assessing whether it has power over an investee, including:

IFRS 10.B38

- ▶ The contractual arrangement(s) with the other vote holders of the investee
- ▶ Rights arising from other contractual arrangements
- ▶ The Group's voting rights and potential voting rights

The Group re-assesses whether or not it controls an investee if facts and circumstances indicate that there are changes to one or more of the three elements of control. Consolidation of a subsidiary begins when the Group obtains control over the subsidiary and ceases when the Group loses control of the subsidiary. Assets, liabilities, income and expenses of a subsidiary acquired or disposed of during the year are included in the consolidated financial statements from the date the Group gains control until the date the Group ceases to control the subsidiary.

IFRS 10.B80

IFRS 10.B86

IFRS 10.B99

Profit or loss and each component of other comprehensive income (OCI) are attributed to the equity holders of the parent of the Group and to the non-controlling interests, even if this results in the non-controlling interests having a deficit balance. When necessary, adjustments are made to the financial statements of subsidiaries to bring their accounting policies in line with the Group's accounting policies. All intra-group assets and liabilities, equity, income, expenses and cash flows relating to transactions between members of the Group are eliminated in full on consolidation.

IFRS 10.B94

IFRS 10.B87

IFRS 10.B86

A change in the ownership interest of a subsidiary, without a loss of control, is accounted for as an equity transaction.

IFRS 10.B96

IFRS 10.B98

IFRS 10.B99

If the Group loses control over a subsidiary, it derecognises the related assets (including goodwill), liabilities, non-controlling interest and other components of equity, while any resultant gain or loss is recognised in profit or loss. Any investment retained is recognised at fair value.

2.3 Summary of significant accounting policies

IAS 1.112

IAS 1.117(b)

IFRS 1.7,

IAS 1.112

IAS 1.117(a)(b)

The following are the significant accounting policies applied by the Group in preparing its consolidated financial statements:

Commentary

IFRS 1 requires an entity to use the same accounting policies in its opening IFRS statement of financial position and throughout all periods presented in its first IFRS financial statements (the first annual financial statements in which an entity adopts IFRS by an explicit and unreserved statement of compliance with IFRS). Those accounting policies must comply with each IFRS effective at the end of its first IFRS reporting period, except as specified in IFRS 1 (e.g., when the exceptions in IFRS 1 prohibit retrospective application or an entity avails itself of one of IFRS 1's voluntary exemptions). An entity must not apply different versions of IFRS that were effective at earlier dates. An entity may apply a new IFRS that is not yet mandatory if that IFRS permits early application.

a) Business combinations and goodwill

Business combinations are accounted for using the acquisition method. The cost of an acquisition is measured as the aggregate of the consideration transferred, which is measured at acquisition date fair value, and the amount of any non-controlling interests in the acquiree. For each business combination, the Group elects whether to measure the non-controlling interests in the acquiree at fair value or at the proportionate share of the acquiree's identifiable net assets. Acquisition-related costs are expensed as incurred and included in administrative expenses.

IFRS 3.4

IFRS 3.18

IFRS 3.19

IFRS 3.53

IFRS 3.B64(m)

Notes to the consolidated financial statements

2. Significant accounting policies *continued*

2.3 Summary of significant accounting policies *continued*

When the Group acquires a business, it assesses the financial assets and liabilities assumed for appropriate classification and designation in accordance with the contractual terms, economic circumstances and pertinent conditions as at the acquisition date. This includes the separation of embedded derivatives in host contracts by the acquiree.

IFRS 3.15
IFRS 3.16

Any contingent consideration to be transferred by the acquirer will be recognised at fair value at the acquisition date. Contingent consideration classified as equity is not remeasured and its subsequent settlement is accounted for within equity. Contingent consideration classified as an asset or liability that is a financial instrument and within the scope of IFRS 9 *Financial Instruments*, is measured at fair value with the changes in fair value recognised in the statement of profit or loss in accordance with IFRS 9. Other contingent consideration that is not within the scope of IFRS 9 is measured at fair value at each reporting date with changes in fair value recognised in profit or loss.

IFRS 3.39
IFRS 3.58

Goodwill is initially measured at cost (being the excess of the aggregate of the consideration transferred and the amount recognised for non-controlling interests and any previous interest held over the net identifiable assets acquired and liabilities assumed). If the fair value of the net assets acquired is in excess of the aggregate consideration transferred, the Group re-assesses whether it has correctly identified all of the assets acquired and all of the liabilities assumed and reviews the procedures used to measure the amounts to be recognised at the acquisition date. If the reassessment still results in an excess of the fair value of net assets acquired over the aggregate consideration transferred, then the gain is recognised in profit or loss.

IFRS 3.32

IFRS 3.36

After initial recognition, goodwill is measured at cost less any accumulated impairment losses. For the purpose of impairment testing, goodwill acquired in a business combination is, from the acquisition date, allocated to each of the Group's cash-generating units that are expected to benefit from the combination, irrespective of whether other assets or liabilities of the acquiree are assigned to those units.

IFRS 3.B63(a)
IAS 36.80

Where goodwill has been allocated to a cash-generating unit (CGU) and part of the operation within that unit is disposed of, the goodwill associated with the disposed operation is included in the carrying amount of the operation when determining the gain or loss on disposal. Goodwill disposed in these circumstances is measured based on the relative values of the disposed operation and the portion of the cash-generating unit retained.

IAS 36.86

b) Investment in associates and joint ventures

An associate is an entity over which the Group has significant influence. Significant influence is the power to participate in the financial and operating policy decisions of the investee, but is not control or joint control over those policies.

IAS 28.3

A joint venture is a type of joint arrangement whereby the parties that have joint control of the arrangement have rights to the net assets of the joint venture. Joint control is the contractually agreed sharing of control of an arrangement, which exists only when decisions about the relevant activities require the unanimous consent of the parties sharing control.

IFRS 11.16
IFRS 11.7

Commentary

The Group does not have an interest in a joint operation. If the Group had an interest in a joint operation, as per IFRS 11.20, it would recognise in relation to its interest its:

- ▶ Assets, including its share of any assets held jointly
- ▶ Liabilities, including its share of any liabilities incurred jointly
- ▶ Revenue from the sale of its share of the output arising from the joint operation
- ▶ Share of the revenue from the sale of the output by the joint operation
- ▶ Expenses, including its share of any expenses incurred jointly

The considerations made in determining significant influence or joint control are similar to those necessary to determine control over subsidiaries. The Group's investment in its associate and joint venture are accounted for using the equity method.

Under the equity method, the investment in an associate or a joint venture is initially recognised at cost. The carrying amount of the investment is adjusted to recognise changes in the Group's share of net assets of the associate or joint venture since the acquisition date. Goodwill relating to the associate or joint venture is included in the carrying amount of the investment and is not tested for impairment separately.

IAS 28.10

IAS 28.26-29

Notes to the consolidated financial statements

2. Significant accounting policies *continued*

2.3 Summary of significant accounting policies *continued*

The statement of profit or loss reflects the Group's share of the results of operations of the associate or joint venture. Any change in OCI of those investees is presented as part of the Group's OCI. In addition, when there has been a change recognised directly in the equity of the associate or joint venture, the Group recognises its share of any changes, when applicable, in the statement of changes in equity. Unrealised gains and losses resulting from transactions between the Group and the associate or joint venture are eliminated to the extent of the interest in the associate or joint venture.

IAS 1.82(c)

The aggregate of the Group's share of profit or loss of an associate and a joint venture is shown on the face of the statement of profit or loss outside operating profit and represents profit or loss after tax and non-controlling interests in the subsidiaries of the associate or joint venture.

The financial statements of the associate or joint venture are prepared for the same reporting period as the Group. When necessary, adjustments are made to bring the accounting policies in line with those of the Group.

After application of the equity method, the Group determines whether it is necessary to recognise an impairment loss on its investment in its associate or joint venture. At each reporting date, the Group determines whether there is objective evidence that the investment in the associate or joint venture is impaired. If there is such evidence, the Group calculates the amount of impairment as the difference between the recoverable amount of the associate or joint venture and its carrying value, and then recognises the loss within 'Share of profit of an associate and a joint venture' in the statement of profit or loss.

IAS 28.40-43

Upon loss of significant influence over the associate or joint control over the joint venture, the Group measures and recognises any retained investment at its fair value. Any difference between the carrying amount of the associate or joint venture upon loss of significant influence or joint control and the fair value of the retained investment and proceeds from disposal is recognised in profit or loss.

IAS 28.22(b)

c) Current versus non-current classification

The Group presents assets and liabilities in the statement of financial position based on current/non-current classification. An asset is current when it is:

IAS 1.60

- ▶ Expected to be realised or intended to be sold or consumed in the normal operating cycle
- ▶ Held primarily for the purpose of trading
- ▶ Expected to be realised within twelve months after the reporting period

IAS 1.66

Or

- ▶ Cash or cash equivalent unless restricted from being exchanged or used to settle a liability for at least twelve months after the reporting period

All other assets are classified as non-current.

A liability is current when:

IAS 1.69

- ▶ It is expected to be settled in the normal operating cycle
- ▶ It is held primarily for the purpose of trading
- ▶ It is due to be settled within twelve months after the reporting period

Or

- ▶ There is no unconditional right to defer the settlement of the liability for at least twelve months after the reporting period

The terms of the liability that could, at the option of the counterparty, result in its settlement by the issue of equity instruments do not affect its classification.

The Group classifies all other liabilities as non-current.

IAS 1.56

Deferred tax assets and liabilities are classified as non-current assets and liabilities.

Notes to the consolidated financial statements

2. Significant accounting policies *continued*

2.3 Summary of significant accounting policies *continued*

d) Fair value measurement

The Group measures financial instruments such as derivatives, and non-financial assets such as investment properties, at fair value at each balance sheet date.

Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. The fair value measurement is based on the presumption that the transaction to sell the asset or transfer the liability takes place either: IFRS 13.9

- ▶ In the principal market for the asset or liability IFRS 13.16
Or
- ▶ In the absence of a principal market, in the most advantageous market for the asset or liability

The principal or the most advantageous market must be accessible by the Group.

The fair value of an asset or a liability is measured using the assumptions that market participants would use when pricing the asset or liability, assuming that market participants act in their economic best interest. IFRS 13.22

A fair value measurement of a non-financial asset takes into account a market participant's ability to generate economic benefits by using the asset in its highest and best use or by selling it to another market participant that would use the asset in its highest and best use. IFRS 13.27

The Group uses valuation techniques that are appropriate in the circumstances and for which sufficient data are available to measure fair value, maximising the use of relevant observable inputs and minimising the use of unobservable inputs. IFRS 13.61

All assets and liabilities for which fair value is measured or disclosed in the financial statements are categorised within the fair value hierarchy, described as follows, based on the lowest level input that is significant to the fair value measurement as a whole: IFRS 13.73

- ▶ Level 1 – Quoted (unadjusted) market prices in active markets for identical assets or liabilities
- ▶ Level 2 – Valuation techniques for which the lowest level input that is significant to the fair value measurement is directly or indirectly observable
- ▶ Level 3 – Valuation techniques for which the lowest level input that is significant to the fair value measurement is unobservable IFRS 13.95

For assets and liabilities that are recognised in the financial statements at fair value on a recurring basis, the Group determines whether transfers have occurred between levels in the hierarchy by re-assessing categorisation (based on the lowest level input that is significant to the fair value measurement as a whole) at the end of each reporting period.

The Group's Valuation Committee determines the policies and procedures for both recurring fair value measurement, such as investment properties and unquoted financial assets, and for non-recurring measurement, such as assets held for sale in discontinued operations. The Valuation Committee is comprised of the head of the investment properties segment, heads of the Group's internal mergers and acquisitions team, the head of the risk management department, chief finance officers and the managers of each property. IFRS 13.93(g)

External valuers are involved for valuation of significant assets, such as investment properties and unquoted financial assets, and significant liabilities, such as contingent consideration. Involvement of external valuers is determined annually by the Valuation Committee after discussion with and approval by the Company's Audit Committee. Selection criteria include market knowledge, reputation, independence and whether professional standards are maintained. Valuers are normally rotated every three years. The Valuation Committee decides, after discussions with the Group's external valuers, which valuation techniques and inputs to use for each case.

At each reporting date, the Valuation Committee analyses the movements in the values of assets and liabilities which are required to be remeasured or re-assessed as per the Group's accounting policies. For this analysis, the Valuation Committee verifies the major inputs applied in the latest valuation by agreeing the information in the valuation computation to contracts and other relevant documents.

The Valuation Committee also compares the change in the fair value of each asset and liability with relevant external sources to determine whether the change is reasonable.

Notes to the consolidated financial statements

2. Significant accounting policies *continued*

2.3 Summary of significant accounting policies *continued*

On an interim basis, the Valuation Committee presents the valuation results to the Audit Committee and the Group's independent auditors. This includes a discussion of the major assumptions used in the valuations.

For the purpose of fair value disclosures, the Group has determined classes of assets and liabilities on the basis of the nature, characteristics and risks of the asset or liability and the level of the fair value hierarchy, as explained above. IFRS 13.94

Fair-value related disclosures for financial instruments and non-financial assets that are measured at fair value or where fair values are disclosed, are summarised in the following notes:

- ▶ Disclosures for valuation methods, significant estimates and assumptions [Notes 3, 17, 18 and 21.4](#)
- ▶ Quantitative disclosures of fair value measurement hierarchy [Note 12](#)
- ▶ Investment in non-listed equity shares (discontinued operations) [Note 14](#)
- ▶ Property, plant and equipment under revaluation model [Note 17](#)
- ▶ Investment properties [Note 18](#)
- ▶ Financial instruments (including those carried at amortised cost) [Note 21.4](#)
- ▶ Contingent consideration [Note 21.4](#)

Commentary

The Group has not elected to apply the portfolio exception under IFRS 13.48. If an entity makes an accounting policy decision to use the exception, this fact is required to be disclosed, as per IFRS 13.96.

e) Revenue from contracts with customers

The Group is in the business of providing fire prevention and electronics equipment and installation services. Revenue from contracts with customers is recognised when control of the goods or services are transferred to the customer at an amount that reflects the consideration to which the Group expects to be entitled in exchange for those goods or services. The Group has generally concluded that it is the principal in its revenue arrangements, except for the procurement services below, because it typically controls the goods or services before transferring them to the customer.

*IFRS 15.2
IFRS 15.B34*

Commentary

IFRS 15.123 requires an entity to disclose the judgements, and changes in the judgements, made in applying the standard that significantly affect the determination of the amount and timing of revenue from contracts with customers.

The Group included in its accounting policy disclosures those judgements that significantly affect the determination of the amount and timing of its revenue from contracts with customers. Entities will need to apply judgement to ensure the information disclosed is sufficient to meet the disclosure objective.

Sale of fire prevention and electronics equipment

Revenue from sale of fire prevention and electronics equipment is recognised at the point in time when control of the asset is transferred to the customer, generally on delivery of the equipment at the customer's location. The normal credit term is 30 to 90 days upon delivery.

*IFRS 15.31
IFRS 15.32
IFRS 15.38*

The Group considers whether there are other promises in the contract that are separate performance obligations to which a portion of the transaction price needs to be allocated (e.g., warranties, customer loyalty points). In determining the transaction price for the sale of fire prevention and electronics equipment, the Group considers the effects of variable consideration, existence of a significant financing component, noncash consideration, and consideration payable to the customer (if any).

*IFRS 15.22
IFRS 15.48*

(i) Variable consideration

If the consideration in a contract includes a variable amount, the Group estimates the amount of consideration to which it will be entitled in exchange for transferring the goods to the customer. The variable consideration is estimated at contract inception and constrained until it is highly probable that a significant revenue reversal in the amount of cumulative revenue recognised will not occur when the associated uncertainty with the variable consideration is subsequently resolved. Some contracts for the sale of electronics equipment provide customers with a right to return the goods within a specified period. The Group also provides retrospective volume rebates to certain customers once the quantity of electronics equipment purchased during the period exceeds the threshold specified in the contract. The rights of return and volume rebates give rise to variable consideration.

IFRS 15.50

Notes to the consolidated financial statements

2. Significant accounting policies *continued*

2.3 Summary of significant accounting policies *continued*

► *Rights of return*

The Group uses the expected value method to estimate the variable consideration given the large number of contracts that have similar characteristics. The Group then applies the requirements on constraining estimates of variable consideration in order to determine the amount of variable consideration that can be included in the transaction price and recognised as revenue. A refund liability is recognised for the goods that are expected to be returned (i.e., the amount not included in the transaction price). A right of return asset (and corresponding adjustment to cost of sales) is also recognised for the right to recover the goods from the customer.

IFRS 15.51

IFRS 15.53

IFRS 15.55

IFRS 15.56

► *Volume rebates*

The Group applies either the most likely amount method or the expected value method to estimate the variable consideration in the contract. The selected method that best predicts the amount of variable consideration is primarily driven by the number of volume thresholds contained in the contract. The most likely amount is used for those contracts with a single volume threshold, while the expected value method is used for those with more than one volume threshold. The Group then applies the requirements on constraining estimates of variable consideration in order to determine the amount of variable consideration that can be included in the transaction price and recognised as revenue. A refund liability is recognised for the expected future rebates (i.e., the amount not included in the transaction price).

IFRS 15.51

IFRS 15.53

IFRS 15.56

The disclosures of significant estimates and assumptions relating to the estimation of variable consideration for returns and volume rebates are provided in [Note 3](#).

Commentary

The Group recognised refund liabilities for the goods expected to be returned and the expected volume rebates. While the most common form of refund liabilities may be related to sales with a right of return, the refund liability requirements also apply if an entity expects to have to provide retrospective price reductions to a customer.

Entities must assess whether volume rebates are to be accounted for as variable consideration or as customer options to acquire additional goods or services at a discount. Generally, if a volume rebate is applied prospectively, the rebate would be accounted for as a customer option. Entities will need to evaluate whether the volume rebate or discount provides the customer with an option to purchase goods or services in the future at a discount that represents a material right (and is, therefore, accounted for as a performance obligation). However, a volume rebate that is applied retrospectively is accounted for as variable consideration, because the final price of each good or service sold depends upon the customer's total purchases that are subject to the rebate programme.

Entities need to determine whether a refund liability should be characterised as a contract liability based on the specific facts and circumstances of the arrangement. A refund liability will not typically meet the definition of a contract liability. When an entity concludes that a refund liability is not a contract liability, it would present the refund liability separate from any contract liability (or asset) and it would not be subject to the disclosure requirements in IFRS 15.116-118.

The Group has determined that its refund liabilities are not contract liabilities.

(ii) Significant financing component

The Group receives advance payments from customers for the sale of customised fire prevention equipment with a manufacturing lead time of two years after signing the contract and receipt of payment. There is a significant financing component for these contracts considering the length of time between the customers' payment and the transfer of the equipment, as well as the prevailing interest rate in the market. As such, the transaction price for these contracts is discounted, using the interest rate implicit in the contract (i.e., the interest rate that discounts the cash selling price of the equipment to the amount paid in advance). This rate is commensurate with the rate that would be reflected in a separate financing transaction between the Group and the customer at contract inception.

IFRS 15.60

IFRS 15.64

The Group applies the practical expedient for short-term advances received from customers. That is, the promised amount of consideration is not adjusted for the effects of a significant financing component if the period between the transfer of the promised good or service and the payment is one year or less.

IFRS 15.63

Notes to the consolidated financial statements

2. Significant accounting policies *continued*

2.3 Summary of significant accounting policies *continued*

(iii) *Non-cash consideration*

The Group receives moulds and other tools from certain customers to be used in manufacturing fire prevention equipment to be sold to them. The fair value of such non-cash consideration received from the customer is included in the transaction price and measured when the Group obtains control of the equipment.

IFRS 15.66

The Group estimates the fair value of the non-cash consideration by reference to its market price. If the fair value cannot be reasonably estimated, the non-cash consideration is measured indirectly by reference to the stand-alone selling price of the fire prevention equipment.

IFRS 15.67

Commentary

IFRS 15.48 requires that an entity considers the effects of: variable consideration; constraining estimates of variable consideration; the existence of significant financing component in the contract; non-cash consideration; and consideration payable to a customer in determining the transaction price.

The Group did not incur any consideration payable to a customer. Consideration payable to a customer includes cash amounts that an entity pays, or expects to pay, to the customer. The consideration payable to a customer is accounted for as a reduction of the transaction price unless the payment to the customer is in exchange for a distinct good or service that the customer transfers to the entity (IFRS 15.70). Entities need to include this in their accounting policy disclosures if significant.

Warranty obligations

IFRS 15.B28

The Group typically provides warranties for general repairs of defects that existed at the time of sale, as required by law. These assurance-type warranties are accounted for as warranty provisions. Refer to the accounting policy on warranty provisions in section [w\) Provisions](#).

IFRS 15.B30

The Group also provides a warranty beyond fixing defects that existed at the time of sale. These service-type warranties are sold either separately or bundled together with the sale of fire prevention equipment. Contracts for bundled sales of equipment and service-type warranty comprise two performance obligations because the equipment and service-type warranty are both sold on a stand-alone basis and are distinct within the context of the contract. Using the relative stand-alone selling price method, a portion of the transaction price is allocated to the service-type warranty and recognised as a contract liability. Revenue for service-type warranties is recognised over the period in which the service is provided based on the time elapsed.

IFRS 15.B29

IFRS 15.B32

IFRS 15.74

IFRS 15.76

Commentary

If the customer has the option to purchase the warranty separately or if the warranty provides a service to the customer, beyond fixing defects that existed at the time of sale, IFRS 15.B29 states that the entity is providing a service-type warranty that is a separate performance obligation. Otherwise, it is an assurance-type warranty, which provides the customer with assurance that the product complies with agreed-upon specifications. In some cases, it may be difficult to determine whether a warranty provides a customer with a service in addition to the assurance that the delivered product is as specified in the contract. To help entities make that assessment, IFRS 15.B31-33 provides relevant application guidance.

Loyalty points programme

The Group has a loyalty points programme, *GoodPoints*, which allows customers to accumulate points that can be redeemed for free products. The loyalty points give rise to a separate performance obligation as they provide a material right to the customer.

IFRS 15.B39

IFRS 15.B40

IFRS 15B.42

IFRS 15.74

IFRS 15.76

A portion of the transaction price is allocated to the loyalty points awarded to customers based on relative stand-alone selling price and recognised as a contract liability until the points are redeemed. Revenue is recognised upon redemption of products by the customer.

When estimating the stand-alone selling price of the loyalty points, the Group considers the likelihood that the customer will redeem the points. The Group updates its estimates of the points that will be redeemed on a quarterly basis and any adjustments to the contract liability balance are charged against revenue.

The disclosures of significant estimates and assumptions relating to the estimation of the stand-alone selling price of the loyalty points are provided in [Note 3](#).

Notes to the consolidated financial statements

2. Significant accounting policies *continued*

2.3 Summary of significant accounting policies *continued*

Installation services

The Group provides installation services that are either sold separately or bundled together with the sale of equipment to a customer. The installation services do not significantly customise or modify the fire prevention equipment.

IFRS 15.22

Contracts for bundled sales of equipment and installation services are comprised of two performance obligations because the equipment and installation services are both sold on a stand-alone basis and are distinct within the context of the contract. Accordingly, the Group allocates the transaction price based on the relative stand-alone selling prices of the equipment and installation services.

IFRS 15.74

IFRS 15.76

The Group recognises revenue from installation services over time because the customer simultaneously receives and consumes the benefits provided to them. The Group uses an input method in measuring progress of the installation services because there is a direct relationship between the Group's effort (i.e., based on the labour hours incurred) and the transfer of service to the customer. The Group recognises revenue on the basis of the labour hours expended relative to the total expected labour hours to complete the service.

IFRS 15.39

IFRS 15.41

IFRS 15.B18

Procurement services

The Group has contracts with customers to acquire, on their behalf, special fire prevention equipment produced by foreign suppliers. Under these contracts, the Group provides procurement services (i.e., coordinating the selection of suitable suppliers and managing the ordering and delivery of the imported equipment). The Group does not have control of the equipment before it is being transferred to the customer. The Group is acting as an agent and recognises revenue at the net amount that is retained for these arrangements. Revenue is recognised at a point in time (i.e., upon receipt of the customer of the equipment) because this is when the customer benefits from the Group's procurement services.

Contract balances

IFRS 15.105

Contract assets

A contract asset is initially recognised for revenue earned from installation services because the receipt of consideration is conditional on successful completion of the installation. Upon completion of the installation and acceptance by the customer, the amount recognised as contract assets is reclassified to trade receivables.

IFRS 15.107

Contract assets are subject to impairment assessment. Refer to accounting policies on impairment of financial assets in section [p\) Financial instruments – initial recognition and subsequent measurement](#).

Trade receivables

A receivable is recognised if an amount of consideration that is unconditional is due from the customer (i.e., only the passage of time is required before payment of the consideration is due). Refer to accounting policies of financial assets in section [p\) Financial instruments – initial recognition and subsequent measurement](#).

IFRS 15.108

Contract liabilities

A contract liability is recognised if a payment is received or a payment is due (whichever is earlier) from a customer before the Group transfers the related goods or services. Contract liabilities are recognised as revenue when the Group performs under the contract (i.e., transfers control of the related goods or services to the customer).

IFRS 15.106

Assets and liabilities arising from rights of return

Right of return assets

A right-of-return asset is recognised for the right to recover the goods expected to be returned by customers. The asset is measured at the former carrying amount of the inventory, less any expected costs to recover the goods and any potential decreases in value. The Group updates the measurement of the asset for any revisions to the expected level of returns and any additional decreases in the value of the returned products.

IFRS 15.B21(c)

IFRS 15.B25

Notes to the consolidated financial statements

2. Significant accounting policies *continued*

2.3 Summary of significant accounting policies *continued*

Refund liabilities

A refund liability is recognised for the obligation to refund some or all of the consideration received (or receivable) from a customer. The Group's refund liabilities arise from customers' right of return and volume rebates. The liability is measured at the amount the Group ultimately expects it will have to return to the customer. The Group updates its estimates of refund liabilities (and the corresponding change in the transaction price) at the end of each reporting period.

IFRS 15.B21(b)
IFRS 15.B24

Cost to obtain a contract

The Group pays sales commission to its employees for each contract that they obtain for bundled sales of equipment and installation services. The Group applies the optional practical expedient to immediately expense costs to obtain a contract if the amortisation period of the asset that would have been recognised is one year or less. As such, sales commissions are immediately recognised as an expense and included as part of employee benefits.

IFRS 15.8

IFRS 15.91
IFRS 15.94

Commentary

IFRS 15 requires incremental costs of obtaining a contract and certain costs to fulfil a contract to be recognised as an asset if certain criteria are met. Any capitalised contract costs assets must be amortised on a systematic basis that is consistent with the entity's transfer of the related goods or services to the customer. The Group does not incur any costs to obtain a contract and costs to fulfil a contract that are eligible for capitalisation.

Entities with costs to obtain a contract and costs to fulfil a contract recognised as an asset will need to consider the requirement in IFRS 15.128 to separately disclose the closing balances and the amount of amortisation and impairment losses recognised during the period.

Considering the nature of costs to obtain a contract and the lack of guidance in IFRS, an entity may present these costs in the statement of financial position as either a separate class of asset similar in nature to work in progress or 'inventory', (with the amortisation within cost of goods sold, changes in contract costs or similar), or a separate class of intangible asset (with the amortisation in the same line item as amortisation of intangible assets within the scope of IAS 38 *Intangible Assets*). The presentation as a separate class of intangible assets would only be appropriate if the asset capitalised is similar in nature to an intangible asset.

An entity will need to consider the requirements in IAS 7 *Statement of Cash Flows* (e.g., IAS 7.16(a)), when determining the classification of cash flows arising from costs to obtain a contract, i.e., either as cash flow from operating activities or investing activities.

In contrast, the nature of costs to fulfil a contract is such that they directly impact the entity's performance under the contract. Therefore, costs to fulfil a contract should be presented as a separate class of asset in the statement of financial position and its amortisation within cost of goods sold, changes in contract costs or similar.

Regardless whether costs to fulfil a contract meet the criteria for capitalisation in IFRS 15.95 or are expensed as incurred, the presentation of such costs in the statement of profit or loss and the presentation of related cash flows in the statement of cash flows needs to be consistent (i.e., operating).

Capitalised contract costs are subject to an impairment assessment at the end of each reporting period. Impairment losses are recognised in profit or loss, but the standard is silent on where to present such amounts within the primary financial statements. It would be appropriate for the presentation of any impairment losses to be consistent with the presentation of the amortisation expense.

f) Government grants

Government grants are recognised where there is reasonable assurance that the grant will be received and all attached conditions will be complied with. When the grant relates to an expense item, it is recognised as income on a systematic basis over the periods that the related costs, for which it is intended to compensate, are expensed. When the grant relates to an asset, it is recognised as income in equal amounts over the expected useful life of the related asset.

IAS 20.7
IAS 20.12
IAS 20.26

Notes to the consolidated financial statements

2. Significant accounting policies *continued*

2.3 Summary of significant accounting policies *continued*

When the Group receives grants of non-monetary assets, the asset and the grant are recorded at nominal amounts and released to profit or loss over the expected useful life of the asset, based on the pattern of consumption of the benefits of the underlying asset by equal annual instalments.

IAS 20.23
IAS 20.10A

Commentary

IAS 20.24 permits two alternative ways of presenting a government grant relating to assets. The Group has elected to present the grant in the statement of financial position as deferred income, which is recognised in profit or loss on a systematic and rational basis over the useful life of the asset. Alternatively, it may choose to reduce the carrying amount of the asset. The grant is then recognised in profit or loss over the useful life of the depreciable asset by way of a reduced depreciation charge. Whichever method is applied, no further disclosures are required.

The Group has chosen to present grants related to an expense item as other operating income in the statement of profit or loss. Alternatively, IAS 20.29 permits grants related to income to be deducted in reporting the related expense.

IAS 20.23 permits grant of a non-monetary asset to be accounted for in two alternative ways. The asset and the grant can be accounted for using a nominal amount. Alternatively, the asset and the grant can be accounted for at the fair value of the non-monetary asset. The Group accounts for grants of non-monetary assets at nominal value.

g) Taxes

Current income tax

Current income tax assets and liabilities are measured at the amount expected to be recovered from or paid to the taxation authorities. The tax rates and tax laws used to compute the amount are those that are enacted or substantively enacted at the reporting date in the countries where the Group operates and generates taxable income.

IAS 12.46

Current income tax relating to items recognised directly in equity is recognised in equity and not in the statement of profit or loss. Management periodically evaluates positions taken in the tax returns with respect to situations in which applicable tax regulations are subject to interpretation and establishes provisions where appropriate.

IAS 12.61A(b)

Deferred tax

Deferred tax is provided using the liability method on temporary differences between the tax bases of assets and liabilities and their carrying amounts for financial reporting purposes at the reporting date.

Deferred tax liabilities are recognised for all taxable temporary differences, except:

- ▶ When the deferred tax liability arises from the initial recognition of goodwill or an asset or liability in a transaction that is not a business combination and, at the time of the transaction, affects neither the accounting profit nor taxable profit or loss
- ▶ In respect of taxable temporary differences associated with investments in subsidiaries, associates and interests in joint arrangements, when the timing of the reversal of the temporary differences can be controlled and it is probable that the temporary differences will not reverse in the foreseeable future

IAS 12.22(c)

IAS 12.39

Deferred tax assets are recognised for all deductible temporary differences, the carry forward of unused tax credits and any unused tax losses. Deferred tax assets are recognised to the extent that it is probable that taxable profit will be available against which the deductible temporary differences, and the carry forward of unused tax credits and unused tax losses can be utilised, except:

IAS 12.34

- ▶ When the deferred tax asset relating to the deductible temporary difference arises from the initial recognition of an asset or liability in a transaction that is not a business combination and, at the time of the transaction, affects neither the accounting profit nor taxable profit or loss
- ▶ In respect of deductible temporary differences associated with investments in subsidiaries, associates and interests in joint arrangements, deferred tax assets are recognised only to the extent that it is probable that the temporary differences will reverse in the foreseeable future and taxable profit will be available, against which the temporary differences can be utilised

IAS 12.24

IAS 12.44

Notes to the consolidated financial statements

2. Significant accounting policies *continued*

2.3 Summary of significant accounting policies *continued*

The carrying amount of deferred tax assets is reviewed at each reporting date and reduced to the extent that it is no longer probable that sufficient taxable profit will be available to allow all or part of the deferred tax asset to be utilised. Unrecognised deferred tax assets are re-assessed at each reporting date and are recognised to the extent that it has become probable that future taxable profits will allow the deferred tax asset to be recovered. IAS 12.56
IAS 12.37

Deferred tax assets and liabilities are measured at the tax rates that are expected to apply in the year when the asset is realised or the liability is settled, based on tax rates (and tax laws) that have been enacted or substantively enacted at the reporting date. IAS 12.47

Deferred tax relating to items recognised outside profit or loss is recognised outside profit or loss. Deferred tax items are recognised in correlation to the underlying transaction either in OCI or directly in equity. IAS 12.61A

Tax benefits acquired as part of a business combination, but not satisfying the criteria for separate recognition at that date, are recognised subsequently if new information about facts and circumstances change. The adjustment is either treated as a reduction in goodwill (as long as it does not exceed goodwill) if it was incurred during the measurement period or recognised in profit or loss. IAS 12.68

The Group offsets deferred tax assets and deferred tax liabilities if and only if it has a legally enforceable right to set off current tax assets and current tax liabilities and the deferred tax assets and deferred tax liabilities relate to income taxes levied by the same taxation authority on either the same taxable entity or different taxable entities which intend either to settle current tax liabilities and assets on a net basis, or to realise the assets and settle the liabilities simultaneously, in each future period in which significant amounts of deferred tax liabilities or assets are expected to be settled or recovered. IAS 12.74

Sales tax

Expenses and assets are recognised net of the amount of sales tax, except:

- ▶ When the sales tax incurred on a purchase of assets or services is not recoverable from the taxation authority, in which case, the sales tax is recognised as part of the cost of acquisition of the asset or as part of the expense item, as applicable
- ▶ When receivables and payables are stated with the amount of sales tax included

The net amount of sales tax recoverable from, or payable to, the taxation authority is included as part of receivables or payables in the statement of financial position.

h) Foreign currencies

The Group's consolidated financial statements are presented in euros, which is also the parent company's functional currency. For each entity, the Group determines the functional currency and items included in the financial statements of each entity are measured using that functional currency. The Group uses the direct method of consolidation and on disposal of a foreign operation, the gain or loss that is reclassified to profit or loss reflects the amount that arises from using this method. IAS 1.51(d)
IAS 21.9

i) Transactions and balances

Transactions in foreign currencies are initially recorded by the Group's entities at their respective functional currency spot rates at the date the transaction first qualifies for recognition. IAS 21.21

Monetary assets and liabilities denominated in foreign currencies are translated at the functional currency spot rates of exchange at the reporting date. IAS 21.23(a)

Differences arising on settlement or translation of monetary items are recognised in profit or loss with the exception of monetary items that are designated as part of the hedge of the Group's net investment in a foreign operation. These are recognised in OCI until the net investment is disposed of, at which time, the cumulative amount is reclassified to profit or loss. Tax charges and credits attributable to exchange differences on those monetary items are also recognised in OCI. IAS 21.28
IAS 21.32

Non-monetary items that are measured in terms of historical cost in a foreign currency are translated using the exchange rates at the dates of the initial transactions. Non-monetary items measured at fair value in a foreign currency are translated using the exchange rates at the date when the fair value is determined. IAS 21.23(b)
IAS 21.23(c)

Notes to the consolidated financial statements

2. Significant accounting policies *continued*

2.3 Summary of significant accounting policies *continued*

The gain or loss arising on translation of non-monetary items measured at fair value is treated in line with the recognition of the gain or loss on the change in fair value of the item (i.e., translation differences on items whose fair value gain or loss is recognised in OCI or profit or loss are also recognised in OCI or profit or loss, respectively). IAS 21.30

In determining the spot exchange rate to use on initial recognition of the related asset, expense or income (or part of it) on the derecognition of a non-monetary asset or non-monetary liability relating to advance consideration, the date of the transaction is the date on which the Group initially recognises the non-monetary asset or non-monetary liability arising from the advance consideration. If there are multiple payments or receipts in advance, the Group determines the transaction date for each payment or receipt of advance consideration. IFRIC 22.8
IFRIC 22.9

ii) Group companies

On consolidation, the assets and liabilities of foreign operations are translated into euros at the rate of exchange prevailing at the reporting date and their statements of profit or loss are translated at exchange rates prevailing at the dates of the transactions. The exchange differences arising on translation for consolidation are recognised in OCI. On disposal of a foreign operation, the component of OCI relating to that particular foreign operation is reclassified to profit or loss. IAS 21.39(a)
IAS 21.39(b)
IAS 21.39(c)
IAS 21.48

Any goodwill arising on the acquisition of a foreign operation and any fair value adjustments to the carrying amounts of assets and liabilities arising on the acquisition are treated as assets and liabilities of the foreign operation and translated at the spot rate of exchange at the reporting date. IAS 21.47

i) Non-current assets held for sale and discontinued operations

The Group classifies non-current assets and disposal groups as held for sale if their carrying amounts will be recovered principally through a sale transaction rather than through continuing use. Non-current assets and disposal groups classified as held for sale are measured at the lower of their carrying amount and fair value less costs to sell. Costs to sell are the incremental costs directly attributable to the disposal of an asset (disposal group), excluding finance costs and income tax expense. IFRS 5.6
IFRS 5.15
IFRS 5.15A
IFRS 5.Appendix A

The criteria for held for sale classification is regarded as met only when the sale is highly probable and the asset or disposal group is available for immediate sale in its present condition. Actions required to complete the sale should indicate that it is unlikely that significant changes to the sale will be made or that the decision to sell will be withdrawn. Management must be committed to the plan to sell the asset and the sale expected to be completed within one year from the date of the classification. IFRS 5.7
IFRS 5.8

Property, plant and equipment and intangible assets are not depreciated or amortised once classified as held for sale. IFRS 5.25

Assets and liabilities classified as held for sale are presented separately as current items in the statement of financial position. IAS 1.54(j)
IAS 1.54(p)

A disposal group qualifies as discontinued operation if it is a component of an entity that either has been disposed of, or is classified as held for sale, and: IFRS 5.32

- ▶ Represents a separate major line of business or geographical area of operations
- ▶ Is part of a single co-ordinated plan to dispose of a separate major line of business or geographical area of operations

Or

- ▶ Is a subsidiary acquired exclusively with a view to resale

Discontinued operations are excluded from the results of continuing operations and are presented as a single amount as profit or loss after tax from discontinued operations in the statement of profit or loss.

Additional disclosures are provided in [Note 14](#). All other notes to the financial statements include amounts for continuing operations, unless indicated otherwise. IFRS 5.33

j) Cash dividend

The Company recognises a liability to pay a dividend when the distribution is authorised and the distribution is no longer at the discretion of the Company. As per the corporate laws of Euroland, a distribution is authorised when it is approved by the shareholders. A corresponding amount is recognised directly in equity. IFRIC 17.10

Notes to the consolidated financial statements

2. Significant accounting policies *continued*

2.3 Summary of significant accounting policies *continued*

k) Property, plant and equipment

Construction in progress is stated at cost, net of accumulated impairment losses, if any. Plant and equipment is stated at cost, net of accumulated depreciation and accumulated impairment losses, if any. Such cost includes the cost of replacing part of the plant and equipment and borrowing costs for long-term construction projects if the recognition criteria are met. When significant parts of plant and equipment are required to be replaced at intervals, the Group depreciates them separately based on their specific useful lives. Likewise, when a major inspection is performed, its cost is recognised in the carrying amount of the plant and equipment as a replacement if the recognition criteria are satisfied. All other repair and maintenance costs are recognised in profit or loss as incurred. The present value of the expected cost for the decommissioning of an asset after its use is included in the cost of the respective asset if the recognition criteria for a provision are met. Refer to significant accounting judgements, estimates and assumptions ([Note 3](#)) and provisions ([Note 27](#)) for further information about the recognised decommissioning provision.

IAS 16.73(a)
IAS 16.30
IAS 16.15
IAS 16.16

Property, plant and equipment transferred from customers are initially measured at fair value at the date on which control is obtained.

Office properties in Euroland are measured at fair value less accumulated depreciation and impairment losses recognised after the date of revaluation. Valuations are performed with sufficient frequency to ensure that the carrying amount of a revalued asset does not differ materially from its fair value.

IFRIC 18.11
IAS 16.24

A revaluation surplus is recorded in OCI and credited to the asset revaluation surplus in equity. However, to the extent that it reverses a revaluation deficit of the same asset previously recognised in profit or loss, the increase is recognised in profit and loss. A revaluation deficit is recognised in the statement of profit or loss, except to the extent that it offsets an existing surplus on the same asset recognised in the asset revaluation surplus.

IAS 16.73(a)
IAS 16.31
IAS 16.39
IAS 16.40

An annual transfer from the asset revaluation surplus to retained earnings is made for the difference between depreciation based on the revalued carrying amount of the asset and depreciation based on the asset's original cost. Additionally, accumulated depreciation as at the revaluation date is eliminated against the gross carrying amount of the asset and the net amount is restated to the revalued amount of the asset. Upon disposal, any revaluation surplus relating to the particular asset being sold is transferred to retained earnings.

IAS 16.41

Commentary

Under IAS 16 an entity has a policy choice for the measurement of property, plant and equipment after initial recognition. An entity may choose either the cost model or the revaluation model for entire classes of property, plant and equipment. The Group has elected to use the revaluation model for office properties in Euroland, while other classes of property, plant and equipment are measured using the cost model. The Group has also elected to transfer the revaluation surplus to retained earnings as the asset is being used. Alternatively, the amount could have been transferred, in full, upon disposal of the asset.

Depreciation is calculated on a straight-line basis over the estimated useful lives of the assets, as follows:

IAS 16.73(b)
IAS 16.73(c)

- | | |
|----------------------------------|----------------|
| ► Buildings | 15 to 20 years |
| ► Plant, machinery and equipment | 5 to 15 years |
| ► Office properties in Euroland | 15 to 20 years |

An item of property, plant and equipment and any significant part initially recognised is derecognised upon disposal (i.e., at the date the recipient obtains control) or when no future economic benefits are expected from its use or disposal. Any gain or loss arising on derecognition of the asset (calculated as the difference between the net disposal proceeds and the carrying amount of the asset) is included in the statement of profit or loss when the asset is derecognised.

IAS 16.67
IAS 16.68
IAS 16.71

The residual values, useful lives and methods of depreciation of property, plant and equipment are reviewed at each financial year end and adjusted prospectively, if appropriate.

IAS 16.51

Notes to the consolidated financial statements

2. Significant accounting policies *continued*

2.3 Summary of significant accounting policies *continued*

Commentary

On disposal of property, plant and equipment:

- ▶ The date of disposal of the asset is the date the recipient obtains control of the asset in accordance with the requirements for determining when a performance obligation is satisfied in IFRS 15 (IAS 16.69).
- ▶ The amount of consideration to be included in the gain or loss arising from the derecognition is determined in accordance with the requirements for determining the transaction price in IFRS 15. Subsequent changes to the estimated amount of the consideration included in the gain or loss shall be accounted for in accordance with the requirements for changes in transaction price in IFRS 15 (IAS 16.72).

The above requirements also apply to disposals of investment properties (IAS 40.67 and IAS 40.70) and intangible assets (IAS 38.114 and IAS 38.116).

l) Leases

The Group assesses at contract inception whether a contract is, or contains, a lease. That is, if the contract conveys the right to control the use of an identified asset for a period of time in exchange for consideration.

IFRS 16.9

Group as a lessee

The Group applies a single recognition and measurement approach for all leases, except for short-term leases and leases of low-value assets. The Group recognises lease liabilities representing obligations to make lease payments and right-of-use assets representing the right to use the underlying assets.

i) Right-of-use assets

The Group recognises right-of-use assets at the commencement date of the lease (i.e., the date the underlying asset is available for use). Right-of-use assets are measured at cost, less any accumulated depreciation and impairment losses, and adjusted for any remeasurement of lease liabilities. The cost of right-of-use assets includes the amount of lease liabilities recognised, initial direct costs incurred, and lease payments made at or before the commencement date less any lease incentives received. Right-of-use assets are depreciated on a straight-line basis over the shorter of the lease term and the estimated useful lives of the assets, as follows:

IFRS 16.23
IFRS 16.24
IFRS 16.30
IFRS 16.32

- ▶ Plant and machinery 3 to 15 years
- ▶ Motor vehicles and other equipment 3 to 5 years

If ownership of the leased asset transfers to the Group at the end of the lease term or the cost reflects the exercise of a purchase option, depreciation is calculated using the estimated useful life of the asset.

IFRS 16.33

The right-of-use assets are also subject to impairment. Refer to the accounting policies in section [\(s\) Impairment of non-financial assets](#).

Commentary

Under IFRS 16, the cost of a right-of-use asset also includes an estimate of costs to be incurred by the lessee in dismantling and removing the underlying asset, restoring the site on which it is located or restoring the underlying asset to the condition required by the terms and conditions of the lease, unless those costs are incurred to produce inventories. The lessee incurs the obligation for those costs either at the commencement date or as a consequence of having used the underlying asset during a particular period (IFRS 16. 24(d)).

The Group's lease arrangements do not contain an obligation to dismantle and remove the underlying asset, restore the site on which it is located or restore the underlying asset to a specified condition.

ii) Lease liabilities

At the commencement date of the lease, the Group recognises lease liabilities measured at the present value of lease payments to be made over the lease term. The lease payments include fixed payments (including in-substance fixed payments) less any lease incentives receivable, variable lease payments that depend on an index or a rate, and amounts expected to be paid under residual value guarantees. The lease payments also include the exercise price of a purchase option reasonably certain to be exercised by the Group and payments of penalties for terminating the lease, if the lease term reflects the Group exercising the option to terminate.

IFRS 16.26
IFRS 16.27

Variable lease payments that do not depend on an index or a rate are recognised as expenses (unless they are incurred to produce inventories) in the period in which the event or condition that triggers the payment occurs.

IFRS 16.38(b)

Notes to the consolidated financial statements

2. Significant accounting policies *continued*

2.3 Summary of significant accounting policies *continued*

In calculating the present value of lease payments, the Group uses its incremental borrowing rate at the lease commencement date because the interest rate implicit in the lease is not readily determinable. After the commencement date, the amount of lease liabilities is increased to reflect the accretion of interest and reduced for the lease payments made. In addition, the carrying amount of lease liabilities is remeasured if there is a modification, a change in the lease term, a change in the lease payments (e.g., changes to future payments resulting from a change in an index or rate used to determine such lease payments) or a change in the assessment of an option to purchase the underlying asset.

IFRS 16.36
IFRS 16.39

The Group's lease liabilities are included in Interest-bearing loans and borrowings (see [Note 21.2](#)).

iii) Short-term leases and leases of low-value assets

The Group applies the short-term lease recognition exemption to its short-term leases of machinery and equipment (i.e., those leases that have a lease term of 12 months or less from the commencement date and do not contain a purchase option). It also applies the lease of low-value assets recognition exemption to leases of office equipment that are considered to be low value. Lease payments on short-term leases and leases of low-value assets are recognised as expense on a straight-line basis over the lease term.

IFRS 16.5
IFRS 16.6

Group as a lessor

Leases in which the Group does not transfer substantially all the risks and rewards incidental to ownership of an asset are classified as operating leases. Rental income arising is accounted for on a straight-line basis over the lease terms and is included in revenue in the statement of profit or loss due to its operating nature. Initial direct costs incurred in negotiating and arranging an operating lease are added to the carrying amount of the leased asset and recognised over the lease term on the same basis as rental income. Contingent rents are recognised as revenue in the period in which they are earned.

IFRS 16.61
IFRS 16.62
IFRS 16.81
IFRS 16.83

m) Borrowing costs

Borrowing costs directly attributable to the acquisition, construction or production of an asset that necessarily takes a substantial period of time to get ready for its intended use or sale are capitalised as part of the cost of the asset. All other borrowing costs are expensed in the period in which they occur. Borrowing costs consist of interest and other costs that an entity incurs in connection with the borrowing of funds.

IAS 23.8
IAS 23.5

n) Investment properties

Investment properties are measured initially at cost, including transaction costs. Subsequent to initial recognition, investment properties are stated at fair value, which reflects market conditions at the reporting date. Gains or losses arising from changes in the fair values of investment properties are included in profit or loss in the period in which they arise, including the corresponding tax effect. Fair values are determined based on an annual valuation performed by an accredited external independent valuer applying a valuation model recommended by the International Valuation Standards Committee.

IAS 40.20
IAS 40.33
IAS 40.75(a)
IAS 40.35
IAS 40.75(e)

Investment properties are derecognised either when they have been disposed of (i.e., at the date the recipient obtains control) or when they are permanently withdrawn from use and no future economic benefit is expected from their disposal. The difference between the net disposal proceeds and the carrying amount of the asset is recognised in profit or loss in the period of derecognition. In determining the amount of consideration from the derecognition of investment property the Group considers the effects of variable consideration, existence of a significant financing component, non-cash consideration, and consideration payable to the buyer (if any).

IAS 40.66
IAS 40.69
IAS 40.70

Transfers are made to (or from) investment property only when there is a change in use. For a transfer from investment property to owner-occupied property, the deemed cost for subsequent accounting is the fair value at the date of change in use. If owner-occupied property becomes an investment property, the Group accounts for such property in accordance with the policy stated under property, plant and equipment up to the date of change in use.

IAS 40.57
IAS 40.60
IAS 40.61

Notes to the consolidated financial statements

2. Significant accounting policies *continued*

2.3 Summary of significant accounting policies *continued*

Commentary

The Group has elected to state investment properties at fair value in accordance with IAS 40. As an alternative, IAS 40 *Investment Property* permit investment properties to be carried at historical cost less accumulated depreciation and impairment. IAS 40 requires disclosure of the fair value of investment property recorded at cost. Therefore, entities would still need to determine the fair value of investment properties regardless of the policy choice.

o) Intangible assets

Intangible assets acquired separately are measured on initial recognition at cost. The cost of intangible assets acquired in a business combination is their fair value at the date of acquisition. Following initial recognition, intangible assets are carried at cost less any accumulated amortisation and accumulated impairment losses. Internally generated intangibles, excluding capitalised development costs, are not capitalised and the related expenditure is reflected in profit or loss in the period in which the expenditure is incurred.

IAS 38.24
IAS 38.74
IAS 38.54
IAS 38.57

The useful lives of intangible assets are assessed as either finite or indefinite.

IAS 38.88

Intangible assets with finite lives are amortised over the useful economic life and assessed for impairment whenever there is an indication that the intangible asset may be impaired. The amortisation period and the amortisation method for an intangible asset with a finite useful life are reviewed at least at the end of each reporting period. Changes in the expected useful life or the expected pattern of consumption of future economic benefits embodied in the asset are considered to modify the amortisation period or method, as appropriate, and are treated as changes in accounting estimates. The amortisation expense on intangible assets with finite lives is recognised in the statement of profit or loss in the expense category that is consistent with the function of the intangible assets.

IAS 38.97
IAS 36.9
IAS 38.104

Intangible assets with indefinite useful lives are not amortised, but are tested for impairment annually, either individually or at the cash-generating unit level. The assessment of indefinite life is reviewed annually to determine whether the indefinite life continues to be supportable. If not, the change in useful life from indefinite to finite is made on a prospective basis.

IAS 38.107
IAS 38.108
IAS 38.109

An intangible asset is derecognised upon disposal (i.e., at the date the recipient obtains control) or when no future economic benefits are expected from its use or disposal. Any gain or loss arising upon derecognition of the asset (calculated as the difference between the net disposal proceeds and the carrying amount of the asset) is included in the statement of profit or loss.

IAS 38.113

Research and development costs

Research costs are expensed as incurred. Development expenditures on an individual project are recognised as an intangible asset when the Group can demonstrate:

IAS 38.54
IAS 38.57

- ▶ The technical feasibility of completing the intangible asset so that the asset will be available for use or sale
- ▶ Its intention to complete and its ability and intention to use or sell the asset
- ▶ How the asset will generate future economic benefits
- ▶ The availability of resources to complete the asset
- ▶ The ability to measure reliably the expenditure during development

Following initial recognition of the development expenditure as an asset, the asset is carried at cost less any accumulated amortisation and accumulated impairment losses. Amortisation of the asset begins when development is complete and the asset is available for use. It is amortised over the period of expected future benefit. Amortisation is recorded in cost of sales. During the period of development, the asset is tested for impairment annually.

IAS 38.74
IAS 36.10(a)

Patents and licences

The Group made upfront payments to acquire patents and licences. The patents have been granted for a period of 10 years by the relevant government agency with the option of renewal at the end of this period. Licences for the use of intellectual property are granted for periods ranging between five and ten years depending on the specific licences. The licences may be renewed at little or no cost to the Group. As a result, those licences are assessed as having an indefinite useful life.

IAS 38.122(a)

Notes to the consolidated financial statements

2. Significant accounting policies *continued*

2.3 Summary of significant accounting policies *continued*

A summary of the policies applied to the Group's intangible assets is, as follows:

	Licences	Patents	Development costs	IAS 38.118 (a),(b)
Useful lives	Indefinite	Finite (10 years)	Finite (10-20 years)	
Amortisation method used	No amortisation	Amortised on a straight-line basis over the period of the patent	Amortised on a straight-line basis over the period of expected future sales from the related project	
Internally generated or acquired	Acquired	Acquired	Internally generated	

p) Financial instruments - initial recognition and subsequent measurement

A financial instrument is any contract that gives rise to a financial asset of one entity and a financial liability or equity instrument of another entity.

IAS 32.11

i) Financial assets

Initial recognition and measurement

Financial assets are classified, at initial recognition, as subsequently measured at amortised cost, fair value through other comprehensive income (OCI), and fair value through profit or loss.

IFRS 7.21
IFRS 9.4.1.1

The classification of financial assets at initial recognition depends on the financial asset's contractual cash flow characteristics and the Group's business model for managing them. With the exception of trade receivables that do not contain a significant financing component or for which the Group has applied the practical expedient, the Group initially measures a financial asset at its fair value plus, in the case of a financial asset not at fair value through profit or loss, transaction costs. Trade receivables that do not contain a significant financing component or for which the Group has applied the practical expedient are measured at the transaction price as disclosed in section [\(e\) Revenue from contracts with customers](#).

IFRS 9.4.1.1
IFRS 15.108

In order for a financial asset to be classified and measured at amortised cost or fair value through OCI, it needs to give rise to cash flows that are 'solely payments of principal and interest (SPPI)' on the principal amount outstanding. This assessment is referred to as the SPPI test and is performed at an instrument level. Financial assets with cash flows that are not SPPI are classified and measured at fair value through profit or loss, irrespective of the business model.

IFRS 9.4.1.2(b)
IFRS 9.4.1.2(b)

The Group's business model for managing financial assets refers to how it manages its financial assets in order to generate cash flows. The business model determines whether cash flows will result from collecting contractual cash flows, selling the financial assets, or both. Financial assets classified and measured at amortised cost are held within a business model with the objective to hold financial assets in order to collect contractual cash flows while financial assets classified and measured at fair value through OCI are held within a business model with the objective of both holding to collect contractual cash flows and selling.

IFRS 9.B4.1.1

Purchases or sales of financial assets that require delivery of assets within a time frame established by regulation or convention in the market place (regular way trades) are recognised on the trade date, i.e., the date that the Group commits to purchase or sell the asset.

IFRS 9.3.1.2

Subsequent measurement

For purposes of subsequent measurement, financial assets are classified in four categories:

IFRS 9.5.2.1

- Financial assets at amortised cost (debt instruments)
- Financial assets at fair value through OCI with recycling of cumulative gains and losses (debt instruments)
- Financial assets designated at fair value through OCI with no recycling of cumulative gains and losses upon derecognition (equity instruments)
- Financial assets at fair value through profit or loss

Notes to the consolidated financial statements

2. Significant accounting policies *continued*

2.3 Summary of significant accounting policies *continued*

Financial assets at amortised cost (debt instruments)

IFRS 9.4.1.2

IFRS 9.5.4

Financial assets at amortised cost are subsequently measured using the effective interest (EIR) method and are subject to impairment. Gains and losses are recognised in profit or loss when the asset is derecognised, modified or impaired.

The Group's financial assets at amortised cost includes trade receivables, and loan to an associate and loan to a director included under other non-current financial assets.

Commentary

For entities that have more complex financial instruments, the SPPI assessment can be particularly challenging. The application guidance for IFRS 9 and EY's *International GAAP 2019* publication provide specific examples of instruments that pass or fail the SPPI test. Such entities should also consider providing more detailed accounting policies in relation to their SPPI and business model assessments. Only equity instruments that meet the definition of equity from the issuer's perspective can be designated at fair value through OCI at initial recognition. IFRS 9 also allows entities to elect to designate non-financial contracts such as commodity contracts held for own use as financial assets at FVPL under certain circumstances.

Financial assets at fair value through OCI (debt instruments)

IFRS 9.4.1.2A

IFRS 9.5.7.10

IFRS 9.5.7.11

For debt instruments at fair value through OCI, interest income, foreign exchange revaluation and impairment losses or reversals are recognised in the statement of profit or loss and computed in the same manner as for financial assets measured at amortised cost. The remaining fair value changes are recognised in OCI. Upon derecognition, the cumulative fair value change recognised in OCI is recycled to profit or loss.

The Group's debt instruments at fair value through OCI includes investments in quoted debt instruments included under other non-current financial assets.

Financial assets designated at fair value through OCI (equity instruments)

IFRS 9.5.7.5

Upon initial recognition, the Group can elect to classify irrevocably its equity investments as equity instruments designated at fair value through OCI when they meet the definition of equity under IAS 32 *Financial Instruments: Presentation* and are not held for trading. The classification is determined on an instrument-by-instrument basis.

Gains and losses on these financial assets are never recycled to profit or loss. Dividends are recognised as other income in the statement of profit or loss when the right of payment has been established, except when the Group benefits from such proceeds as a recovery of part of the cost of the financial asset, in which case, such gains are recorded in OCI. Equity instruments designated at fair value through OCI are not subject to impairment assessment.

IFRS 9.5.7.1A

IFRS 9.B5.7.1

The Group elected to classify irrevocably its non-listed equity investments under this category.

Financial assets at fair value through profit or loss

Financial assets at fair value through profit or loss are carried in the statement of financial position at fair value with net changes in fair value recognised in the statement of profit or loss.

IFRS 9.4.1.4

IFRS 9.5.7.1

This category includes derivative instruments and listed equity investments which the Group had not irrevocably elected to classify at fair value through OCI. Dividends on listed equity investments are recognised as other income in the statement of profit or loss when the right of payment has been established.

A derivative embedded in a hybrid contract, with a financial liability or non-financial host, is separated from the host and accounted for as a separate derivative if: the economic characteristics and risks are not closely related to the host; a separate instrument with the same terms as the embedded derivative would meet the definition of a derivative; and the hybrid contract is not measured at fair value through profit or loss. Embedded derivatives are measured at fair value with changes in fair value recognised in profit or loss. Reassessment only occurs if there is either a change in the terms of the contract that significantly modifies the cash flows that would otherwise be required or a reclassification of a financial asset out of the fair value through profit or loss category.

IFRS 9.4.3.3

Notes to the consolidated financial statements

2. Significant accounting policies *continued*

2.3 Summary of significant accounting policies *continued*

Derecognition

A financial asset (or, where applicable, a part of a financial asset or part of a group of similar financial assets) is primarily derecognised (i.e., removed from the Group's consolidated statement of financial position) when:

IFRS 9.3.2.3(a)

- ▶ The rights to receive cash flows from the asset have expired

Or

IFRS 9.3.2.4(a)

IFRS 9.3.2.4(b)

- ▶ The Group has transferred its rights to receive cash flows from the asset or has assumed an obligation to pay the received cash flows in full without material delay to a third party under a 'pass-through' arrangement; and either (a) the Group has transferred substantially all the risks and rewards of the asset, or (b) the Group has neither transferred nor retained substantially all the risks and rewards of the asset, but has transferred control of the asset

When the Group has transferred its rights to receive cash flows from an asset or has entered into a pass-through arrangement, it evaluates if, and to what extent, it has retained the risks and rewards of ownership. When it has neither transferred nor retained substantially all of the risks and rewards of the asset, nor transferred control of the asset, the Group continues to recognise the transferred asset to the extent of its continuing involvement. In that case, the Group also recognises an associated liability. The transferred asset and the associated liability are measured on a basis that reflects the rights and obligations that the Group has retained.

IFRS 9.3.2.6(a)

IFRS 9.3.2.6(c)

IFRS 9.3.2.4(b)

Continuing involvement that takes the form of a guarantee over the transferred asset is measured at the lower of the original carrying amount of the asset and the maximum amount of consideration that the Group could be required to repay.

IFRS 9.3.2.16

Impairment

IFRS 9.5.5.1

Further disclosures relating to impairment of financial assets are also provided in the following notes:

- ▶ Disclosures for significant assumptions [Note 3](#)
- ▶ Debt instruments at fair value through OCI [Note 21](#)
- ▶ Trade receivables, including contract assets [Note 21](#)

The Group recognises an allowance for expected credit losses (ECLs) for all debt instruments not held at fair value through profit or loss. ECLs are based on the difference between the contractual cash flows due in accordance with the contract and all the cash flows that the Group expects to receive, discounted at an approximation of the original effective interest rate. The expected cash flows will include cash flows from the sale of collateral held or other credit enhancements that are integral to the contractual terms.

IFRS 9.5.5.1

ECLs are recognised in two stages. For credit exposures for which there has not been a significant increase in credit risk since initial recognition, ECLs are provided for credit losses that result from default events that are possible within the next 12-months (a 12-month ECL). For those credit exposures for which there has been a significant increase in credit risk since initial recognition, a loss allowance is required for credit losses expected over the remaining life of the exposure, irrespective of the timing of the default (a lifetime ECL).

IFRS 9.5.5.3

IFRS 9.5.5.5

For trade receivables and contract assets, the Group applies a simplified approach in calculating ECLs. Therefore, the Group does not track changes in credit risk, but instead recognises a loss allowance based on lifetime ECLs at each reporting date. The Group has established a provision matrix that is based on its historical credit loss experience, adjusted for forward-looking factors specific to the debtors and the economic environment.

IFRS 9.5.5.15

IFRS 9.B5.5.35

Notes to the consolidated financial statements

2. Significant accounting policies *continued*

2.3 Summary of significant accounting policies *continued*

Commentary

An entity is required to apply the simplified approach for trade receivables or contract assets that do not contain a significant financing component, or when the entity applies the practical expedient for contracts that have a maturity of one year or less. However, an entity has a policy choice to apply either the simplified approach or the general approach for the following:

- ▶ All trade receivables or contract assets that contain a significant financing component in accordance with IFRS 15.
The policy choice may be applied separately to trade receivables and contract assets.
- ▶ All lease receivables that result from transactions that are within the scope of IFRS 16. The policy choice may be applied separately to finance and operating lease receivables.

For debt instruments at fair value through OCI, the Group applies the low credit risk simplification. At every reporting date, the Group evaluates whether the debt instrument is considered to have low credit risk using all reasonable and supportable information that is available without undue cost or effort. In making that evaluation, the Group reassesses the internal credit rating of the debt instrument. In addition, the Group considers that there has been a significant increase in credit risk when contractual payments are more than 30 days past due.

IFRS 9.5.5.3
IFRS 9.5.5.5
IFRS 9.A

The Group's debt instruments at fair value through OCI comprise solely of quoted bonds that are graded in the top investment category (Very Good and Good) by the *Good Credit Rating Agency* and, therefore, are considered to be low credit risk investments. It is the Group's policy to measure ECLs on such instruments on a 12-month basis. However, when there has been a significant increase in credit risk since origination, the allowance will be based on the lifetime ECL. The Group uses the ratings from the *Good Credit Rating Agency* both to determine whether the debt instrument has significantly increased in credit risk and to estimate ECLs.

IFRS 7.35F(a)
IFRS 7.35G(a)(ii)
IFRS 9.B5.5.22-27

Commentary

IFRS 9 contains an important simplification that, if a financial instrument has a low credit risk, then an entity is allowed to assume at the reporting date that no significant increases in credit risk have occurred. The low credit risk concept was intended to provide entities relief from tracking changes in the credit risk of high quality financial instruments. This simplification is optional and the low credit risk simplification can be elected on an instrument-by-instrument basis.

The Group considers a financial asset in default when contractual payments are 90 days past due. However, in certain cases, the Group may also consider a financial asset to be in default when internal or external information indicates that the Group is unlikely to receive the outstanding contractual amounts in full before taking into account any credit enhancements held by the Group. A financial asset is written off when there is no reasonable expectation of recovering the contractual cash flows.

IFRS 7.35F(b)
IFRS 9.5.5.9
IFRS 9.B5.5.37

ii) Financial liabilities

Initial recognition and measurement

Financial liabilities are classified, at initial recognition, as financial liabilities at fair value through profit or loss, loans and borrowings, payables, or as derivatives designated as hedging instruments in an effective hedge, as appropriate.

IFRS 7.6
IFRS 7.21

All financial liabilities are recognised initially at fair value and, in the case of loans and borrowings and payables, net of directly attributable transaction costs.

IFRS 9.5.1.1

The Group's financial liabilities include trade and other payables, loans and borrowings including bank overdrafts, and derivative financial instruments.

Subsequent measurement

For purposes of subsequent measurement, financial liabilities are classified in two categories:

- ▶ Financial liabilities at fair value through profit or loss
- ▶ Financial liabilities at amortised cost (loans and borrowings)

Notes to the consolidated financial statements

2. Significant accounting policies *continued*

2.3 Summary of significant accounting policies *continued*

Financial liabilities at fair value through profit or loss

Financial liabilities at fair value through profit or loss include financial liabilities held for trading and financial liabilities designated upon initial recognition as at fair value through profit or loss.

IFRS 9.4.2.1(a)

Financial liabilities are classified as held for trading if they are incurred for the purpose of repurchasing in the near term. This category also includes derivative financial instruments entered into by the Group that are not designated as hedging instruments in hedge relationships as defined by IFRS 9. Separated embedded derivatives are also classified as held for trading unless they are designated as effective hedging instruments.

Gains or losses on liabilities held for trading are recognised in the statement of profit or loss.

IFRS 9.5.7.1

Financial liabilities designated upon initial recognition at fair value through profit or loss are designated at the initial date of recognition, and only if the criteria in IFRS 9 are satisfied. The Group has not designated any financial liability as at fair value through profit or loss.

Financial liabilities at amortised cost (loans and borrowings)

This is the category most relevant to the Group. After initial recognition, interest-bearing loans and borrowings are subsequently measured at amortised cost using the EIR method. Gains and losses are recognised in profit or loss when the liabilities are derecognised as well as through the EIR amortisation process.

IFRS 9.4.2.1
IFRS 9.5.7.2

Amortised cost is calculated by taking into account any discount or premium on acquisition and fees or costs that are an integral part of the EIR. The EIR amortisation is included as finance costs in the statement of profit or loss.

This category generally applies to interest-bearing loans and borrowings. For more information, refer to [Note 21](#).

Derecognition

A financial liability is derecognised when the obligation under the liability is discharged or cancelled or expires. When an existing financial liability is replaced by another from the same lender on substantially different terms, or the terms of an existing liability are substantially modified, such an exchange or modification is treated as the derecognition of the original liability and the recognition of a new liability. The difference in the respective carrying amounts is recognised in the statement of profit or loss.

IFRS 9.3.3.1
IFRS 9.3.3.3
IFRS 9.3.3.2

iii) Offsetting of financial instruments

Financial assets and financial liabilities are offset and the net amount is reported in the consolidated statement of financial position if there is a currently enforceable legal right to offset the recognised amounts and there is an intention to settle on a net basis, to realise the assets and settle the liabilities simultaneously.

IAS 32.42

q) Derivative financial instruments and hedge accounting

Initial recognition and subsequent measurement

The Group uses derivative financial instruments, such as forward currency contracts, interest rate swaps and forward commodity contracts, to hedge its foreign currency risks, interest rate risks and commodity price risks, respectively. Such derivative financial instruments are initially recognised at fair value on the date on which a derivative contract is entered into and are subsequently remeasured at fair value. Derivatives are carried as financial assets when the fair value is positive and as financial liabilities when the fair value is negative.

IFRS 9.5.1.1
IFRS 7.21

For the purpose of hedge accounting, hedges are classified as:

- ▶ Fair value hedges when hedging the exposure to changes in the fair value of a recognised asset or liability or an unrecognised firm commitment IFRS 9.6.5.2(a)
- ▶ Cash flow hedges when hedging the exposure to variability in cash flows that is either attributable to a particular risk associated with a recognised asset or liability or a highly probable forecast transaction or the foreign currency risk in an unrecognised firm commitment IFRS 9.6.5.2(b)
- ▶ Hedges of a net investment in a foreign operation IFRS 9.6.5.2(c)

Notes to the consolidated financial statements

2. Significant accounting policies *continued*

2.3 Summary of significant accounting policies *continued*

At the inception of a hedge relationship, the Group formally designates and documents the hedge relationship to which it wishes to apply hedge accounting and the risk management objective and strategy for undertaking the hedge.

IFRS 9.6.4.1

The documentation includes identification of the hedging instrument, the hedged item, the nature of the risk being hedged and how the Group will assess whether the hedging relationship meets the hedge effectiveness requirements (including the analysis of sources of hedge ineffectiveness and how the hedge ratio is determined). A hedging relationship qualifies for hedge accounting if it meets all of the following effectiveness requirements:

IFRS 9.6.4.1

- ▶ There is 'an economic relationship' between the hedged item and the hedging instrument
- ▶ The effect of credit risk does not 'dominate the value changes' that result from that economic relationship
- ▶ The hedge ratio of the hedging relationship is the same as that resulting from the quantity of the hedged item that the Group actually hedges and the quantity of the hedging instrument that the Group actually uses to hedge that quantity of hedged item

Hedges that meet all the qualifying criteria for hedge accounting are accounted for, as described below:

Fair value hedges

The change in the fair value of a hedging instrument is recognised in the statement of profit or loss as other expense. The change in the fair value of the hedged item attributable to the risk hedged is recorded as part of the carrying value of the hedged item and is also recognised in the statement of profit or loss as other expense.

IFRS 9.6.5.8
IFRS 9.6.5.10

For fair value hedges relating to items carried at amortised cost, any adjustment to carrying value is amortised through profit or loss over the remaining term of the hedge using the EIR method. The EIR amortisation may begin as soon as an adjustment exists and no later than when the hedged item ceases to be adjusted for changes in its fair value attributable to the risk being hedged.

If the hedged item is derecognised, the unamortised fair value is recognised immediately in profit or loss.

When an unrecognised firm commitment is designated as a hedged item, the subsequent cumulative change in the fair value of the firm commitment attributable to the hedged risk is recognised as an asset or liability with a corresponding gain or loss recognised in profit or loss.

IFRS 9.6.5.9

Cash flow hedges

The effective portion of the gain or loss on the hedging instrument is recognised in OCI in the cash flow hedge reserve, while any ineffective portion is recognised immediately in the statement of profit or loss.

IFRS 9.6.5.11

The cash flow hedge reserve is adjusted to the lower of the cumulative gain or loss on the hedging instrument and the cumulative change in fair value of the hedged item.

The Group uses forward currency contracts as hedges of its exposure to foreign currency risk in forecast transactions and firm commitments, as well as forward commodity contracts for its exposure to volatility in the commodity prices. The ineffective portion relating to foreign currency contracts is recognised as other expense and the ineffective portion relating to commodity contracts is recognised in other operating income or expenses. Refer to [Note 21.3](#) for more details.

The Group designates only the spot element of forward contracts as a hedging instrument. The forward element is recognised in OCI and accumulated in a separate component of equity under cost of hedging reserve.

IFRS 9.6.5.16

The amounts accumulated in OCI are accounted for, depending on the nature of the underlying hedged transaction. If the hedged transaction subsequently results in the recognition of a non-financial item, the amount accumulated in equity is removed from the separate component of equity and included in the initial cost or other carrying amount of the hedged asset or liability. This is not a reclassification adjustment and will not be recognised in OCI for the period. This also applies where the hedged forecast transaction of a non-financial asset or non-financial liability subsequently becomes a firm commitment for which fair value hedge accounting is applied.

IFRS 9.6.5.11

Notes to the consolidated financial statements

2. Significant accounting policies *continued*

2.3 Summary of significant accounting policies *continued*

For any other cash flow hedges, the amount accumulated in OCI is reclassified to profit or loss as a reclassification adjustment in the same period or periods during which the hedged cash flows affect profit or loss.

If cash flow hedge accounting is discontinued, the amount that has been accumulated in OCI must remain in accumulated OCI if the hedged future cash flows are still expected to occur. Otherwise, the amount will be immediately reclassified to profit or loss as a reclassification adjustment. After discontinuation, once the hedged cash flow occurs, any amount remaining in accumulated OCI must be accounted for depending on the nature of the underlying transaction as described above.

Hedges of a net investment

Hedges of a net investment in a foreign operation, including a hedge of a monetary item that is accounted for as part of the net investment, are accounted for in a way similar to cash flow hedges. Gains or losses on the hedging instrument relating to the effective portion of the hedge are recognised as OCI while any gains or losses relating to the ineffective portion are recognised in the statement of profit or loss. On disposal of the foreign operation, the cumulative value of any such gains or losses recorded in equity is transferred to the statement of profit or loss. The Group uses a loan as a hedge of its exposure to foreign exchange risk on its investments in foreign subsidiaries. Refer to [Note 21.3](#) for more details.

IFRS 9.6.5.13
IFRS 9.6.5.13

r) Inventories

Inventories are valued at the lower of cost and net realisable value. Costs incurred in bringing each product to its present location and condition are accounted for, as follows:

IAS 2.36(a)
IAS 2.9
IAS 2.10

- ▶ Raw materials: purchase cost on a first-in/first-out basis
- ▶ Finished goods and work in progress: cost of direct materials and labour and a proportion of manufacturing overheads based on the normal operating capacity, but excluding borrowing costs

IAS 2.25
IAS 2.12
IAS 2.13

Initial cost of inventories includes the transfer of gains and losses on qualifying cash flow hedges, recognised in OCI, in respect of the purchases of raw materials.

IFRS 9.6.5.11(d)(i)

Net realisable value is the estimated selling price in the ordinary course of business, less estimated costs of completion and the estimated costs necessary to make the sale.

IAS 2.6

s) Impairment of non-financial assets

Further disclosures relating to impairment of non-financial assets are also provided in the following notes:

- ▶ Disclosures for significant assumptions [Note 3](#)
- ▶ Property, plant and equipment [Note 17](#)
- ▶ Intangible assets [Note 19](#)
- ▶ Goodwill and intangible assets with indefinite lives [Note 20](#)

Commentary

Under IFRS 16.33, right-of-use assets are subject to the impairment requirements of IAS 36 *Impairment of Assets*.

Under IFRS 15.101, assets recognised for costs to obtain a contract and costs to fulfil a contract are subject to impairment testing. An impairment exists if the carrying amount of the asset exceeds the amount of consideration the entity expects to receive in exchange for providing the associated goods or services, less the remaining costs that relate directly to providing those goods or services. The Group does not incur any costs to obtain a contract or costs to fulfil a contract that are eligible for capitalisation. Entities need to include an accounting policy for impairment if the assets recognised for costs to obtain a contract and costs to fulfil a contract are significant.

IAS 36.6
IAS 36.9
IAS 36.66

The Group assesses, at each reporting date, whether there is an indication that an asset may be impaired. If any indication exists, or when annual impairment testing for an asset is required, the Group estimates the asset's recoverable amount. An asset's recoverable amount is the higher of an asset's or CGU's fair value less costs of disposal and its value in use. The recoverable amount is determined for an individual asset, unless the asset does not generate cash inflows that are largely independent of those from other assets or groups of assets. When the carrying amount of an asset or CGU exceeds its recoverable amount, the asset is considered impaired and is written down to its recoverable amount.

IAS 36.59

Notes to the consolidated financial statements

2. Significant accounting policies *continued*

2.3 Summary of significant accounting policies *continued*

In assessing value in use, the estimated future cash flows are discounted to their present value using a pre-tax discount rate that reflects current market assessments of the time value of money and the risks specific to the asset. In determining fair value less costs of disposal, recent market transactions are taken into account. If no such transactions can be identified, an appropriate valuation model is used. These calculations are corroborated by valuation multiples, quoted share prices for publicly traded companies or other available fair value indicators.

IAS 36.30
IAS 36.55
IAS 36.6

The Group bases its impairment calculation on most recent budgets and forecast calculations, which are prepared separately for each of the Group's CGUs to which the individual assets are allocated. These budgets and forecast calculations generally cover a period of five years. A long-term growth rate is calculated and applied to project future cash flows after the fifth year.

IAS 36.33
IAS 36.35

Impairment losses of continuing operations are recognised in the statement of profit or loss in expense categories consistent with the function of the impaired asset, except for properties previously revalued with the revaluation taken to OCI. For such properties, the impairment is recognised in OCI up to the amount of any previous revaluation.

IAS 36.60
IAS 36.61

For assets excluding goodwill, an assessment is made at each reporting date to determine whether there is an indication that previously recognised impairment losses no longer exist or have decreased. If such indication exists, the Group estimates the asset's or CGU's recoverable amount. A previously recognised impairment loss is reversed only if there has been a change in the assumptions used to determine the asset's recoverable amount since the last impairment loss was recognised. The reversal is limited so that the carrying amount of the asset does not exceed its recoverable amount, nor exceed the carrying amount that would have been determined, net of depreciation, had no impairment loss been recognised for the asset in prior years. Such reversal is recognised in the statement of profit or loss unless the asset is carried at a revalued amount, in which case, the reversal is treated as a revaluation increase.

IAS 36.110
IAS 36.114
IAS 36.117
IAS 36.119

Goodwill is tested for impairment annually as at 31 October and when circumstances indicate that the carrying value may be impaired.

IAS 36.10(b)

Impairment is determined for goodwill by assessing the recoverable amount of each CGU (or group of CGUs) to which the goodwill relates. When the recoverable amount of the CGU is less than its carrying amount, an impairment loss is recognised. Impairment losses relating to goodwill cannot be reversed in future periods.

IAS 36.104
IAS 36.124

Intangible assets with indefinite useful lives are tested for impairment annually as at 31 October at the CGU level, as appropriate, and when circumstances indicate that the carrying value may be impaired.

IAS 36.10(a)

Commentary

IAS 36.96 permits the annual impairment test for a CGU to which goodwill has been allocated to be performed at any time during the year, provided it is at the same time each year. Different CGUs and intangible assets may be tested at different times.

There are no IFRS 1 exemptions from evaluating property, plant and equipment or definite or indefinite lived intangible assets for impairment. Consequently, a first-time adopter is required to determine if impairment indicators or reversal of any prior impairment indicators exist for these assets. If impairment indicators or reversal indicators exist, then the IAS 36 impairment test should be performed and recoverable amount determined and impairment or impairment reversals recorded.

When a first-time adopter uses the exemption in IFRS 1 from having to apply IFRS 3 retrospectively, it is required to test goodwill for impairment in accordance with IAS 36 at the date of transition to IFRS (IFRS 1.C4(g)(ii)). The goodwill impairment test and the recognition of any additional impairment must be based on conditions existing at the date of transition to IFRS. However, it is important to note that IFRS 1.C4(h) does not allow any further adjustments to the carrying amount of goodwill at the date of transition to IFRS, except for the adjustments in IFRS 1.C4(g) related to the goodwill impairment test or certain reclassifications of intangible assets. Accordingly, a first-time adopter is precluded from reversing any previous GAAP goodwill impairment.

Under a previous GAAP, an indefinite lived intangible asset may have been amortised that, now under IFRS, needs to be reversed. Then this adjusted carrying amount needs to be tested for impairment.

If the entity recognised or reversed any impairment losses for the first time in preparing its opening IFRS statement of financial position, the entity's first IFRS financial statements should include disclosures required by IAS 36 *Impairment of Assets*.

Notes to the consolidated financial statements

2. Significant accounting policies *continued*

2.3 Summary of significant accounting policies *continued*

t) Cash and short-term deposits

Cash and short-term deposits in the statement of financial position comprise cash at banks and on hand and short-term highly liquid deposits with a maturity of three months or less, that are readily convertible to a known amount of cash and subject to an insignificant risk of changes in value. IAS 7.6
IAS 7.7

For the purpose of the consolidated statement of cash flows, cash and cash equivalents consist of cash and short-term deposits, as defined above, net of outstanding bank overdrafts as they are considered an integral part of the Group's cash management. IAS 7.46

u) Convertible preference shares

Convertible preference shares are separated into liability and equity components based on the terms of the contract. IFRS 7.21
IAS 32.18
IAS 32.28

On issuance of the convertible preference shares, the fair value of the liability component is determined using a market rate for an equivalent non-convertible instrument. This amount is classified as a financial liability measured at amortised cost (net of transaction costs) until it is extinguished on conversion or redemption.

The remainder of the proceeds is allocated to the conversion option that is recognised and included in equity. Transaction costs are deducted from equity, net of associated income tax. The carrying amount of the conversion option is not remeasured in subsequent years. IAS 32.35
IAS 32.AG31(a)

Transaction costs are apportioned between the liability and equity components of the convertible preference shares, based on the allocation of proceeds to the liability and equity components when the instruments are initially recognised. IAS 32.38

v) Treasury shares

Own equity instruments that are reacquired (treasury shares) are recognised at cost and deducted from equity. No gain or loss is recognised in profit or loss on the purchase, sale, issue or cancellation of the Group's own equity instruments. Any difference between the carrying amount and the consideration, if reissued, is recognised in the share premium. IAS 32.33

w) Provisions

General

Provisions are recognised when the Group has a present obligation (legal or constructive) as a result of a past event, it is probable that an outflow of resources embodying economic benefits will be required to settle the obligation and a reliable estimate can be made of the amount of the obligation. When the Group expects some or all of a provision to be reimbursed, for example, under an insurance contract, the reimbursement is recognised as a separate asset, but only when the reimbursement is virtually certain. The expense relating to a provision is presented in the statement of profit or loss net of any reimbursement. IAS 37.14
IAS 37.53
IAS 37.54

If the effect of the time value of money is material, provisions are discounted using a current pre-tax rate that reflects, when appropriate, the risks specific to the liability. When discounting is used, the increase in the provision due to the passage of time is recognised as a finance cost. IAS 37.45

Warranty provisions

The Group provides warranties for general repairs of defects that existed at the time of sale, as required by law. Provisions related to these assurance-type warranties are recognised when the product is sold or the service is provided to the customer. Initial recognition is based on historical experience. The estimate of warranty-related costs is revised annually.

Restructuring provisions

Restructuring provisions are recognised only when the Group has a constructive obligation, which is when: (i) there is a detailed formal plan that identifies the business or part of the business concerned, the location and number of employees affected, the detailed estimate of the associated costs, and the timeline; and (ii) the employees affected have been notified of the plan's main features. IAS 37.71
IAS 37.72

Notes to the consolidated financial statements

2. Significant accounting policies *continued*

2.3 Summary of significant accounting policies *continued*

Decommissioning liability

The Group records a provision for decommissioning costs of a manufacturing facility for the production of fire retardant materials. Decommissioning costs are provided for at the present value of expected costs to settle the obligation using estimated cash flows and are recognised as part of the cost of the relevant asset.

IAS 16.16(c)
IAS 37.45
IAS 37.47
IFRIC 1.8
IAS 37.59
IFRIC 1.5

The cash flows are discounted at a current pre-tax rate that reflects the risks specific to the decommissioning liability. The unwinding of the discount is expensed as incurred and recognised in the statement of profit or loss as a finance cost. The estimated future costs of decommissioning are reviewed annually and adjusted as appropriate. Changes in the estimated future costs, or in the discount rate applied, are added to or deducted from the cost of the asset.

Greenhouse gas emissions

The Group receives free emission rights in certain European countries as a result of the European Emission Trading Schemes. The rights are received on an annual basis and, in return, the Group is required to remit rights equal to its actual emissions. The Group has adopted the net liability approach to the emission rights granted. Therefore, a provision is recognised only when actual emissions exceed the emission rights granted and still held. The emission costs are recognised as other operating costs. Where emission rights are purchased from other parties, they are recorded at cost, and treated as a reimbursement right, whereby they are matched to the emission liabilities and remeasured to fair value. The changes in fair value are recognised in the statement of profit or loss.

IAS 8.10

Onerous contracts

If the Group has a contract that is onerous, the present obligation under the contract is recognised and measured as a provision. However, before a separate provision for an onerous contract is established, the Group recognises any impairment loss that has occurred on assets dedicated to that contract.

IAS 37.66
IAS 37.69

An onerous contract is a contract under which the unavoidable costs (i.e., the costs that the Group cannot avoid because it has the contract) of meeting the obligations under the contract exceed the economic benefits expected to be received under it. The unavoidable costs under a contract reflect the least net cost of exiting from the contract, which is the lower of the cost of fulfilling it and any compensation or penalties arising from failure to fulfil it. The cost of fulfilling a contract comprises the costs that relate directly to the contract (i.e., both incremental costs and an allocation of costs directly related to contract activities).

IAS 37.68

Commentary

IAS 37 provides a choice of presenting expenditures to settle a provision either net of any reimbursement or on a gross basis. The Group has elected to present the expenses net of reimbursements.

IFRIC 3 *Emission Rights* was withdrawn in June 2005. In the absence of a specific standard, management must develop an accounting policy that results in information that is relevant and reliable. The Group has applied the net liability approach based on IAS 20.23. However, emission rights received could also be recognised as intangible assets at their fair value with all the disclosures required by IAS 38.

IFRS 15 contains no specific requirements to address contracts with customers that are, or have become, onerous. The requirements of IAS 37 apply to the identification and measurement of onerous customer contracts (IAS 37.5(g)).

Waste Electrical and Electronic Equipment (WEEE)

The Group is a provider of electrical equipment that falls under the EU Directive on Waste Electrical and Electronic Equipment. The directive distinguishes between waste management of equipment sold to private households prior to a date, as determined by each Member State (historical waste), and waste management of equipment sold to private households after that date (new waste). A provision for the expected costs of management of historical waste is recognised when the Group participates in the market during the measurement period, as determined by each Member State, and the costs can be reliably measured.

IFRIC 6

These costs are recognised as other operating expenses in the statement of profit or loss.

Notes to the consolidated financial statements

2. Significant accounting policies *continued*

2.3 Summary of significant accounting policies *continued*

With respect to new waste, a provision for the expected costs is recognised when products that fall within the directive are sold and the disposal costs can be reliably measured. Derecognition takes place when the obligation expires, is settled or is transferred. These costs are recognised as part of costs of sales. With respect to equipment sold to entities other than private households, a provision is recognised when the Group becomes responsible for the costs of this waste management, with the costs recognised as other operating expenses or cost of sales, as appropriate.

Contingent liabilities recognised in a business combination

A contingent liability recognised in a business combination is initially measured at its fair value. Subsequently, it is measured at the higher of the amount that would be recognised in accordance with the requirements for provisions above or the amount initially recognised less (when appropriate) cumulative amortisation recognised in accordance with the requirements for revenue recognition.

IFRS 3.56
IFRS 3.22
IFRS 3.23

x) Pensions and other post-employment benefits

The Group operates a defined benefit pension plan in Euroland, which requires contributions to be made to a separately administered fund. The Group also provides certain additional post employment healthcare benefits to employees in the United States. These benefits are unfunded. The cost of providing benefits under the defined benefit plan is determined using the projected unit credit method.

IAS 19.135

IAS 19.67

Remeasurements, comprising of actuarial gains and losses, the effect of the asset ceiling, excluding amounts included in net interest on the net defined benefit liability and the return on plan assets (excluding amounts included in net interest on the net defined benefit liability), are recognised immediately in the statement of financial position with a corresponding debit or credit to retained earnings through OCI in the period in which they occur. Remeasurements are not reclassified to profit or loss in subsequent periods.

IAS 19.120(c)
IAS 19.127
IAS 19.122

Past service costs are recognised in profit or loss on the earlier of:

- ▶ The date of the plan amendment or curtailment, and
- ▶ The date that the Group recognises related restructuring costs

IAS 19.102
IAS 19.103

Net interest is calculated by applying the discount rate to the net defined benefit liability or asset. The Group recognises the following changes in the net defined benefit obligation under 'cost of sales', 'administration expenses' and 'selling and distribution expenses' in the consolidated statement of profit or loss (by function):

IAS 19.123
IAS 19.134

- ▶ Service costs comprising current service costs, past-service costs, gains and losses on curtailments and non-routine settlements
- ▶ Net interest expense or income

Commentary

Entities are required to state their policy for termination benefits, employee benefit reimbursements and benefit risk sharing. Since these are not applicable to the Group, the disclosures related to such benefits have not been made. Entities need to assess the nature of their employee benefits and make the relevant disclosures.

IAS 19 does not specify where in the statement of profit or loss service costs or net interest should be presented. IAS 1 allows, but does not require, disaggregation of the employee benefits cost components in profit or loss. The net interest cost component is different from the unwinding of interest component and return on asset component in the previous version of IAS 19. Entities must apply the requirement in IAS 8.10 when developing a presentation policy for net interest cost.

y) Share-based payments

Employees (including senior executives) of the Group receive remuneration in the form of share-based payments, whereby employees render services as consideration for equity instruments (equity-settled transactions). Employees working in the business development group are granted share appreciation rights, which are settled in cash (cash-settled transactions).

IFRS 2.44

Notes to the consolidated financial statements

2. Significant accounting policies *continued*

2.3 Summary of significant accounting policies *continued*

Equity-settled transactions

The cost of equity-settled transactions is determined by the fair value at the date when the grant is made using an appropriate valuation model, further details of which are given in [Note 33](#).

IFRS 2.7
IFRS 2.10

That cost is recognised in employee benefits expense ([Note 13.7](#)), together with a corresponding increase in equity (other capital reserves), over the period in which the service and, where applicable, the performance conditions are fulfilled (the vesting period). The cumulative expense recognised for equity-settled transactions at each reporting date until the vesting date reflects the extent to which the vesting period has expired and the Group's best estimate of the number of equity instruments that will ultimately vest. The expense or credit in the statement of profit or loss for a period represents the movement in cumulative expense recognised as at the beginning and end of that period.

IFRS 2.19
IFRS 2.20

Service and non-market performance conditions are not taken into account when determining the grant date fair value of awards, but the likelihood of the conditions being met is assessed as part of the Group's best estimate of the number of equity instruments that will ultimately vest. Market performance conditions are reflected within the grant date fair value. Any other conditions attached to an award, but without an associated service requirement, are considered to be non-vesting conditions. Non-vesting conditions are reflected in the fair value of an award and lead to an immediate expensing of an award unless there are also service and/or performance conditions.

IFRS 2.21

IFRS 2.21A
IFRS 2.27

No expense is recognised for awards that do not ultimately vest because non-market performance and/or service conditions have not been met. Where awards include a market or non-vesting condition, the transactions are treated as vested irrespective of whether the market or non-vesting condition is satisfied, provided that all other performance and/or service conditions are satisfied.

IFRS 2.28
IFRS 2.B42-B44
IAS 33.45

When the terms of an equity-settled award are modified, the minimum expense recognised is the grant date fair value of the unmodified award, provided the original vesting terms of the award are met. An additional expense, measured as at the date of modification, is recognised for any modification that increases the total fair value of the share-based payment transaction, or is otherwise beneficial to the employee. Where an award is cancelled by the entity or by the counterparty, any remaining element of the fair value of the award is expensed immediately through profit or loss.

The dilutive effect of outstanding options is reflected as additional share dilution in the computation of diluted earnings per share (further details are given in [Note 16](#)).

Cash-settled transactions

A liability is recognised for the fair value of cash-settled transactions. The fair value is measured initially and at each reporting date up to and including the settlement date, with changes in fair value recognised in employee benefits expense (see [Note 13.7](#)). The fair value is expensed over the period until the vesting date with recognition of a corresponding liability. The fair value is determined using a binomial model, further details of which are given in [Note 33](#). The approach used to account for vesting conditions when measuring equity-settled transactions also applies to cash-settled transactions.

IFRS 2.30
IFRS 2.32
IFRS 2.33

Notes to the consolidated financial statements

2. Significant accounting policies *continued*

2.4 First-time adoption of IFRS

Commentary

This note to the financial statements illustrates one way in which an entity might choose to set out an explanation of its transition to IFRS. The format illustrated is based on IG Example 11 accompanying IFRS 1. However, in providing a suggested format for disclosure, this example is not intended to, and does not, illustrate every potential first-time adoption adjustment that entities may have to disclose.

These financial statements, for the year ended 31 December 2019, are the first the Group has prepared in accordance with IFRS. For periods up to and including the year ended 31 December 2018, the Group prepared its financial statements in accordance with local generally accepted accounting principles (Local GAAP). IFRS 1.23

Accordingly, the Group has prepared financial statements that comply with IFRS applicable as at 31 December 2019, together with the comparative period data for the year ended 31 December 2018, as described in the summary of significant accounting policies. In preparing the financial statements, the Group's opening statement of financial position was prepared as at 1 January 2018, the Group's date of transition to IFRS. This note explains the principal adjustments made by the Group in restating its Local GAAP financial statements, including the statement of financial position as at 1 January 2018 and the financial statements as of, and for, the year ended 31 December 2018.

Commentary

IFRS 1 requires an entity to use the same accounting policies in its opening IFRS statement of financial position and throughout all periods presented in its first IFRS financial statements (the first annual financial statements in which an entity adopts IFRS by an explicit and unreserved statement of compliance with IFRS). Those accounting policies must comply with each IFRS effective at the end of its first IFRS reporting period, except as specified in IFRS 1 (e.g., when the exceptions in IFRS 1 prohibit retrospective application or an entity avails itself of one of IFRS 1's voluntary exemptions). An entity must not apply different versions of IFRS that were effective at earlier dates. An entity may apply a new IFRS that is not yet mandatory if that IFRS permits early application.

Exemptions applied

IFRS 1 allows first-time adopters certain exemptions from the retrospective application of certain requirements under IFRS.

The Group has applied the following exemptions:

- IFRS 3 *Business Combinations* has not been applied to either acquisitions of subsidiaries that are considered businesses under IFRS, or acquisitions of interests in associates and joint ventures that occurred before 1 January 2018. Use of this exemption means that the Local GAAP carrying amounts of assets and liabilities, that are required to be recognised under IFRS, are their deemed cost at the date of the acquisition. After the date of the acquisition, measurement is in accordance with IFRS. Assets and liabilities that do not qualify for recognition under IFRS are excluded from the opening IFRS statement of financial position. The Group did not recognise any assets or liabilities that were not recognised under the Local GAAP or exclude any previously recognised amounts as a result of IFRS recognition requirements. IFRS 1.C1
IFRS 1.C4(b)-(f)

IFRS 1 also requires that the Local GAAP carrying amount of goodwill must be used in the opening IFRS statement of financial position (apart from adjustments for goodwill impairment and recognition or derecognition of intangible assets). In accordance with IFRS 1, the Group has tested goodwill for impairment at the date of transition to IFRS. There was no impairment recognised on goodwill at 1 January 2018. IFRS 1 C4(g)-(h)

Notes to the consolidated financial statements

2. Significant accounting policies *continued*

2.4 First-time adoption of IFRS *continued*

Commentary

Business combinations (IFRS 1 Appendix C)

IFRS 1 allows a first-time adopter to elect not to apply IFRS 3 retrospectively to past business combinations that occurred before the date of transition to IFRS. However, this does not automatically 'grandfather' all amounts related to the business combination and certain adjustments to assets and liabilities recognised under previous GAAP may still be necessary. For example, IFRS 1 details what adjustments to goodwill may be required when the exemption is used (including impairment of goodwill).

If a first-time adopter does not use the exemption and restates any business combination to comply with IFRS 3, it must restate all later business combinations and must also apply IFRS 10 from that same date.

IFRS 3 provides a very specific definition of a business combination. Therefore, it is possible that under some previous GAAPs, transactions that are not business combinations (e.g., asset acquisitions) may have been accounted for as if they were business combinations. A first-time adopter will need to restate any transactions that it accounted for as a business combination under its previous GAAP, but which are not business combinations under IFRS.

The business combinations exemption is also available to past acquisitions of investments in associates and interests in joint ventures. However, if a first-time adopter elects to restate business combinations retrospectively, it must also restate all acquisitions of investments in associates and of interests in joint ventures that occurred from that same date.

- ▶ The Group has not applied IAS 21 *The Effects of Changes in Foreign Exchange Rates* retrospectively to fair value adjustments and goodwill from business combinations that occurred before the date of transition to IFRS. Such fair value adjustments and goodwill are treated as assets and liabilities of the parent rather than as assets and liabilities of the acquiree.

IFRS 1.C2

Therefore, those assets and liabilities are already expressed in the functional currency of the parent or are non-monetary foreign currency items and no further translation differences occur.

Commentary

Business combinations – foreign exchange on fair value adjustments and goodwill (IFRS 1.C2)

IFRS 1 provides an exemption from having to apply IAS 21 retrospectively to fair value adjustments and goodwill arising in business combinations that occurred before the date of transition to IFRS. If the entity (the parent entity) does not apply IAS 21 retrospectively to those fair value adjustments and goodwill, it treats them as assets and liabilities of the parent entity rather than as assets and liabilities of the acquiree. Therefore, those goodwill and fair value adjustments either are already expressed in the parent entity's functional currency or are non-monetary foreign currency items, which are reported using the exchange rate applied in accordance with Local GAAP. This exemption allows the first-time adopter to avail itself of similar transition elections available to current IFRS users the first time they applied this amendment to IAS 21.

- ▶ Freehold land and buildings, other than investment property, were carried in the statement of financial position prepared in accordance with Local GAAP on the basis of valuations performed on 31 December 2016. The Group has elected to regard those values as deemed cost at the date of the revaluation since they were broadly comparable to fair value.

IFRS 1.D6

Commentary

Deemed cost – Previous GAAP revaluation (IFRS 1.D6-7)

A previous GAAP revaluation for the following assets may be used as deemed cost, provided that at the date of revaluation, the revaluation was broadly comparable to fair value, or cost or depreciated cost in accordance with IFRS, adjusted to reflect, for example, changes in a general or specific price index:

- (a) An item of property, plant and equipment
- (b) Investment property held at cost
- (c) Right-of-use assets
- (d) Intangible assets that meet (i) IAS 38 *Intangible Asset's* recognition criteria; and (ii) IAS 38's criteria for revaluation

- ▶ Certain items of property, plant and equipment have been measured at fair value at the date of transition to IFRS.

IFRS 1.D5

Notes to the consolidated financial statements

2. Significant accounting policies *continued*

2.4 First-time adoption of IFRS *continued*

Commentary

Deemed cost – Fair value of property, plant and equipment (IFRS 1.D5)

A first-time adopter may elect to measure an item of property, plant and equipment at the date of transition at its fair value. It is important to note that this exemption can be applied on an item-by-item basis. IAS 16 *Property, Plant and Equipment* does not prescribe the unit of measurement for recognition, i.e., what constitutes an item of property, plant and equipment. Thus, judgement is required in applying the recognition criteria to an entity's specific circumstances. A first-time adopter may therefore apply the deemed cost exemption to some or all of its property, plant and equipment.

- Cumulative currency translation differences for all foreign operations are deemed to be zero as at 1 January 2018.

IFRS 1.D13

Commentary

Cumulative translation differences (IFRS 1.D13)

A first-time adopter need not comply with the requirements in IAS 21 to recognise cumulative translation differences on foreign operations (i.e., the cumulative translation differences that existed at the date of transition to IFRS). If a first-time adopter uses this exemption:

- (a) The cumulative translation differences for all foreign operations are deemed to be zero at the date of transition to IFRS; and
- (b) The gain or loss on a subsequent disposal of any foreign operation must exclude translation differences that arose before the date of transition to IFRS and shall include later translation differences.

The exemption applies to all cumulative translation differences arising from the translation of foreign operations, including related gains or losses on related hedges. Accordingly, an entity that applies this exemption must apply it also to the cumulative translation differences relating to net investment hedges as well as to the underlying gains and losses.

- IFRS 2 *Share-based Payment* has not been applied to equity instruments in share-based payment transactions that were granted on or before 7 November 2002, nor has it been applied to equity instruments granted after 7 November 2002 that vested before 1 January 2018. For cash-settled share-based payment transactions, the Group has not applied IFRS 2 to liabilities that were settled before 1 January 2018.

IFRS 1.D2
IFRS 1.D3

Commentary

Share-based payment transactions exemption (IFRS 1.D2-3)

A first-time adopter is encouraged, but not required, to apply IFRS 2 *Share-based Payment* to equity instruments that were granted on or before 7 November 2002 and to equity instruments that were granted after 7 November 2002 and vested before the later of (a) the date of transition to IFRS and (b) 1 January 2005. However, if a first-time adopter elects to apply IFRS 2 to such equity instruments, it may do so only if the entity has disclosed publicly the fair value of those equity instruments determined at the measurement date as defined in IFRS 2. For all grants of equity instruments that are still outstanding at the date of transition to IFRS, and to which IFRS 2 has not been applied, a first-time adopter must disclose information that enables users of the financial statements to understand the nature and extent of share-based payment arrangements that existed (paragraphs 44 and 45 of IFRS 2).

If a first-time adopter modifies the terms or conditions of a grant of equity instruments to which IFRS 2 has not been applied, the entity is also not required to apply IFRS 2's requirements for modifications of awards if the modification occurred before the date of transition to IFRS.

A first-time adopter is encouraged, but not required, to apply IFRS 2 to liabilities arising from share-based payment transactions that were settled before the date of transition to IFRS. A first-time adopter is also encouraged, but not required, to apply IFRS 2 to liabilities that were settled before 1 January 2005. For liabilities to which IFRS 2 is applied, a first-time adopter is not required to restate comparative information to the extent that the information relates to a period or date that is earlier than 7 November 2002.

- The Group assessed all contracts existing at 1 January 2018 to determine whether a contract contains a lease based upon the conditions in place as at 1 January 2018.

IFRS 1.D9

Notes to the consolidated financial statements

2. Significant accounting policies *continued*

2.4 First-time adoption of IFRS *continued*

- ▶ Lease liabilities were measured at the present value of the remaining lease payments, discounted using the lessee's incremental borrowing rate at 1 January 2018. Right-of-use assets were measured at the amount equal to the lease liabilities, adjusted by the amount of any prepaid or accrued lease payments relating to that lease recognised in the statement of financial position immediately before 1 January 2018. The lease payments associated with leases for which the lease term ends within 12 months of the date of transition to IFRS and leases for which the underlying asset is of low value have been recognised as an expense on either a straight-line basis over the lease term or another systematic basis.

IFRS 1.D9B
IFRS 1.D9D(b)
IFRS 1.D9D(c)

Commentary

Leases (IFRS 1.D9-D9E)

IFRS 1 allows a first-time adopter to determine whether a contract existing at the date of transition to IFRS contains a lease on the basis of facts and circumstances existing at that date.

If a first-time adopter made a determination of whether a contract contained a lease in accordance with previous GAAP and the basis of the determination is the same as that required by IFRS 16, the first-time adopter may use such determination when it adopts IFRS even if the date the determination is performed is different from that required by IFRS 16.

When a first-time adopter that is a lessee recognises lease liabilities and right-of-use assets, IFRS 1 allows a first-time adopter to apply the following approach to all of its leases:

- (a) Measure a lease liability at the date of transition to IFRS. A lessee following this approach shall measure that lease liability at the present value of the remaining lease payments, discounted using the lessee's incremental borrowing rate at the date of transition to IFRS
- (b) Measure a right-of-use asset at the date of transition to IFRS. The lessee shall choose, on a lease-by-lease basis, to measure that right-of-use asset at either:
 - (i) Its carrying amount as if IFRS 16 had been applied since the commencement date of the lease, but discounted using the lessee's incremental borrowing rate at the date of transition to IFRS; or
 - (ii) An amount equal to the lease liability, adjusted by the amount of any prepaid or accrued lease payments relating to that lease recognised in the statement of financial position immediately before the date of transition to IFRS
- (c) Apply IAS 36 to right-of-use assets at the date of transition to IFRS

Notwithstanding the requirements above, a first-time adopter that is a lessee shall measure the right-of-use asset at fair value at the date of transition to IFRS for leases that meet the definition of investment property in IAS 40 *Investment Property* and are measured using the fair value model in IAS 40 from the date of transition to IFRS.

IFRS 1 allows a first-time adopter that is a lessee to do one or more of the following at the date of transition to IFRS, applied on a lease-by-lease basis:

- (a) Apply a single discount rate to a portfolio of leases with reasonably similar characteristics (for example, a similar remaining lease term for a similar class of underlying asset in a similar economic environment)
- (b) Elect not to apply the requirements in paragraph D9B to leases for which the lease term ends within 12 months of the date of transition to IFRSs. Instead, the entity shall account for (including disclosure of information about) these leases as if they were short-term leases accounted for in accordance with paragraph 6 of IFRS 16
- (c) Elect not to apply the requirements in paragraph D9B to leases for which the underlying asset is of low value. Instead, the entity shall account for (including disclosure of information about) these leases in accordance with paragraph 6 of IFRS 16
- (d) Exclude initial direct costs from the measurement of the right-of-use asset at the date of transition to IFRS
- (e) Use hindsight, such as in determining the lease term if the contract contains options to extend or terminate the lease

- ▶ The Group has applied the transitional provisions in IAS 23 *Borrowing Costs* and capitalises borrowing costs relating to all qualifying assets after the date of transition. Similarly, the Group has not restated for borrowing costs capitalised under Local GAAP on qualifying assets prior to the date of transition to IFRS.

IFRS 1.D23
IFRS 9.4.1.2A
IFRS 9.5.7.1(b)
IFRS 9.5.7.5

Notes to the consolidated financial statements

2. Significant accounting policies *continued*

2.4 First-time adoption of IFRS *continued*

Commentary

Borrowing costs (IFRS 1.D23)

IFRS 1 provides an exemption that allows an entity to apply the requirements of IAS 23 *Borrowing Costs* from the date of transition or an earlier date as permitted by paragraph 28 of IAS 23. From the date on which an entity applying this exemption begins applying IAS 23, it:

- ▶ Must not restate the borrowing cost component that was capitalised under previous GAAP and included in the carrying amount of assets at that date
- ▶ Must account for borrowing costs incurred on or after that date in accordance with IAS 23, including those borrowing costs incurred on or after that date on qualifying assets already under construction
- ▶ The Group has designated investments in equity instruments including unquoted equity instruments as equity instruments at fair value through other comprehensive income on the basis of the facts and circumstances that exist at 1 January 2018.

IFRS 1.D19B

Commentary

Designation of previously recognised financial instruments (IFRS 1.29, 29A and D19-19C)

IFRS 1 provides an exemption that permits a first-time adopter to designate financial assets and liabilities at the date of transition to IFRS.

A first-time adopter is allowed to designate a financial asset and a financial liability as measured at fair value through profit or loss on the basis of facts and circumstances that exist at the date of transition to IFRS. A first-time adopter is required to disclose:

- ▶ The fair value of any financial assets or financial liabilities designated to it at the date of designation
- ▶ The classification and carrying amount in the previous GAAP financial statements

A first-time adopter is allowed to designate an investment in such an equity instrument as at fair value through other comprehensive income on the basis of facts and circumstances that exist at the date of transition to IFRS.

For a financial liability that is designated as a financial liability at fair value through profit or loss, a first-time adopter is required to determine whether the treatment in paragraph 5.7.7 of IFRS 9 would create an accounting mismatch in profit or loss on the basis of facts and circumstances that exist at the date of transition to IFRS.

Commentary

IFRS 1 also contains the following exemptions that have not been utilised by the Group, which are discussed fully in our publication, *International GAAP® 2019*:

Insurance contracts (IFRS 1.D4)

A first-time adopter may apply the transitional provisions in IFRS 4 *Insurance Contracts*. That standard limits an insurer to changing its accounting policies for insurance contracts if, and only if, the change makes the financial statements more relevant to the economic decision-making needs of users and no less reliable, or more reliable and no less relevant to those needs. An insurer should judge relevance and reliability by the criteria in IAS 8 *Accounting Policies, Changes in Accounting Estimates and Errors*. IFRS 4 also provides certain relief from full retrospective disclosure, for example, claims development.

Deemed cost – event-driven (IFRS 1.D8)

Event-driven fair values, such as a privatisation or initial public offering, may be used as deemed cost for assets and liabilities at the date of the event, provided that the event occurred on or prior to the end of the entity's first IFRS reporting period. Subsequent to the date of the event, IFRS is used to measure the assets and liabilities.

Deemed cost – oil and gas assets (IFRS 1.D8A)

First-time adopters that accounted under their previous GAAP for exploration and development costs for oil and gas properties in the development or production phases in cost centres that include all properties in a large geographical area, may elect to measure oil and gas assets at the date of transition to IFRS on the following basis:

- (a) Exploration and evaluation assets at the amount determined under the entity's previous GAAP
- (b) Assets in the development or production phases at the amount determined for the cost centre under the entity's previous GAAP. The entity must allocate this amount to the cost centre's underlying assets *pro rata* using reserve volumes or reserve values as of that date

A first-time adopter that uses the exemption under (b) above should disclose that fact and the basis on which carrying amounts determined under previous GAAP were allocated.

To avoid the use of deemed costs resulting in an oil and gas asset being measured at more than its recoverable amount, oil and gas assets that were valued using this exemption should be tested for impairment at the date of transition to IFRS.

Notes to the consolidated financial statements

2. Significant accounting policies *continued*

2.4 First-time adoption of IFRS *continued*

Deemed cost – assets used in operations subject to rate regulation (IFRS 1.D8B)

A first-time adopter with operations subject to rate regulations may elect to use the previous GAAP carrying amount of items of property, plant and equipment or intangible assets that include rate regulation adjustments at the date of transition to IFRS as deemed cost. At the date of transition to IFRS, a first-time adopter must test for impairment in accordance with IAS 36 each item for which this exemption is used.

Investments in subsidiaries, joint ventures and associates (IFRS 1.D14-15A)

In separate financial statements, a first-time adopter that subsequently measures an investment in a subsidiary, joint ventures or associate at cost, may measure such investment at cost (determined in accordance with IAS 27 *Consolidated and Separate Financial Statements*) or deemed cost (fair value or previous GAAP carrying amount at the date of transition to IFRS) in its separate opening IFRS statement of financial position.

For a first-time adopter that choose to account for such an investment using the equity method procedures, as described in IAS 28:

- (a) the first-time adopter applies the exemption of IFRS 1.C to the acquisition of the investment.
- (b) if the entity becomes a first-time adopter for its separate financial statements earlier than for its consolidated financial statements, and
 - (i) later than its parent, the entity shall apply paragraph D16 in its separate financial statements
 - (ii) later than its subsidiary, the entity shall apply paragraph D17 in its separate financial statements

Assets and liabilities of subsidiaries, associates and joint ventures (IFRS 1.D16-17)

If a subsidiary becomes a first-time adopter later than its parent, the subsidiary should measure its assets and liabilities in its financial statements at either the amount included in the parent's consolidated financial statements (excluding consolidation adjustments and the effects of the business combination in which the entity acquired the subsidiary), or at amounts determined by IFRS 1. A similar election is available to an associate or joint venture that becomes a first-time adopter later than an entity that has significant influence or joint control over it.

If a parent becomes a first-time adopter later than its subsidiary (or associate or joint venture), in the parent's consolidated financial statements, the assets and liabilities of the subsidiary (or associate or joint venture) must be measured at the same amounts as in the subsidiary's (or associate's or joint venture's) financial statements (after adjusting for consolidation and equity accounting adjustments and for the effects of the business combination in which the entity acquired the subsidiary).

Compound financial instruments (IFRS 1.D18)

When the liability component of a compound financial instrument is no longer outstanding at the date of transition to IFRS, a first-time adopter may elect not to apply IAS 32 retrospectively to split the liability and equity components of the instrument.

Fair value measurement of financial assets or financial liabilities (IFRS 1.D20)

First-time adopters may apply the requirements in paragraph B5.1.2A(b) of IFRS 9 in respect of a deferral of day 1 gain or loss prospectively to transactions entered into on or after the date of transition to IFRS.

Decommissioning liabilities included in the cost of property, plant and equipment (IFRS 1.D21-D21A)

Under IAS 16 *Property, Plant and Equipment*, the cost of an item of property, plant and equipment includes the initial estimate of the costs of dismantling and removing the item and restoring the site on which it is located, the obligation for which an entity incurs either when the item is acquired or as a consequence of having used the item during a particular period for purposes other than to produce inventories during that period.

An entity accounts for changes in decommissioning liability in accordance with IFRIC 1 *Changes in Existing Decommissioning, Restoration and Similar Liabilities*, which requires specified changes in a decommissioning, restoration or similar liability to be added or deducted from the cost of the asset to which it relates.

IFRS 1 provides an exemption for changes that occurred before the date of transition to IFRS and prescribes an alternative treatment if the exemption is used.

A decommissioning liability is measured in accordance with IAS 37 at the date of transition to IFRS, and an estimate of the amount to include in the cost of the asset when the liability first arose is made at the date of transition to IFRS.

When a first-time adopter has also elected deemed cost for oil and gas assets in the production or development stages (IFRS 1.D8A(b)) a further exemption is provided. A decommissioning liability is measured at the date of transition to IFRS, and any difference between this amount and the previous GAAP carrying amount is recognised in retained earnings.

Financial assets or intangible assets accounted for in accordance with IFRIC 12 (IFRS 1.D22)

When it is impracticable to apply IFRIC 12 *Service Concession Arrangements* retrospectively, a first-time adopter may apply IFRIC 12 the transitional provisions of which allow the previous carrying amounts of financial and intangible assets, tested for impairment, to be used as their carrying amounts at the date of transition to IFRS.

Notes to the consolidated financial statements

2. Significant accounting policies *continued*

2.4 First-time adoption of IFRS *continued*

Extinguishing financial liabilities with equity instruments (IFRS 1.D25)

When a debtor and creditor renegotiate the terms of a financial liability, resulting in the debtor extinguishing the liability fully or partially by issuing equity instruments to the creditor, IFRIC 19 *Extinguishing Financial Liabilities with Equity Instruments* requires retrospective application only from the beginning of the earliest comparative period presented. A first-time adopter is provided with similar transition relief, effectively requiring application of IFRIC 19 *Extinguishing Financial Liabilities with Equity Instruments* as of the date of transition to IFRS.

Severe hyperinflation (IFRS 1.D26)

Entities that have been unable to present IFRS financial statements due to 'severe hyperinflation' are treated the same as first-time adopters and can elect fair value as the deemed cost for assets and liabilities affected by severe hyperinflation in their first IFRS financial statements.

Joint arrangements (IFRS 1.D31)

First-time adopters have the option to apply the transition provisions in IFRS 11 *Joint Arrangements*, subject to the following exceptions:

- ▶ A first-time adopter must apply these transition provisions at the date of transition to IFRS
- ▶ When changing from proportionate consolidation to the equity method, a first-time adopter must test the investment for impairment, in accordance with IAS 36 as at the date of transition to IFRS, regardless of whether there is any indication that it may be impaired. Any resulting impairment must be recognised as an adjustment to retained earnings at the date of transition to IFRS

Stripping costs in the production phase of a surface mine (IFRS 1.D32)

First-time adopters may apply the transition provisions in IFRIC 20 *Stripping Costs in the Production Phase of a Surface Mine*, in which the reference to effective date is interpreted as 1 January 2013 or the beginning of the first IFRS reporting period, whichever is later.

Designation of contracts to buy or sell a non-financial item (IFRS 1.D33)

A first-time adopter is permitted to designate, at the date of transition to IFRS, contracts that already exist on that date as measured at fair value through profit or loss, but only if they meet the requirements of paragraph 2.5 of IFRS 9 at that date and the entity designates all similar contracts.

Revenue (IFRS 1.D34-D35)

A first-time adopter may apply the transition provisions in paragraph C5 of IFRS 15. In those paragraphs references to the 'date of initial application' shall be interpreted as the beginning of the first IFRS reporting period. If a first-time adopter decides to apply those transition provisions, it shall also apply paragraph C6 of IFRS 15.

A first-time adopter is not required to restate contracts that were completed before the earliest period presented. A completed contract is a contract for which the entity has transferred all of the goods or services identified in accordance with previous GAAP.

Foreign currency transactions and advance consideration (IFRS 1.D36)

A first-time adopter need not apply IFRIC 22 *Foreign Currency Transactions and Advance Consideration* to assets, expenses and income in the scope of that Interpretation initially recognised before the date of transition to IFRS. IFRS 1 also contains the following exceptions to retrospective application of other IFRS, which are discussed fully in our publication *International GAAP® 2019*:

Derecognition of financial assets and financial liabilities (IFRS 1.B2-3)

A first-time adopter should apply the derecognition requirements in IFRS 9 prospectively to transactions occurring on or after the date of transition. Therefore, if a first-time adopter derecognised non-derivative financial assets or non-derivative financial liabilities under its previous GAAP as a result of a transaction that occurred before the date of transition, it should not recognise those financial assets and liabilities under IFRS (unless they qualify for recognition as a result of a later transaction or event). A first-time adopter may apply the derecognition requirements in IFRS 9 retrospectively from a date of the entity's choosing, provided that the information needed to apply IFRS 9 to financial assets and financial liabilities derecognised as a result of past transactions was obtained at the time of initially accounting for those transactions.

Hedge accounting (IFRS 1.B4-6)

A first-time adopter cannot recognise a hedging relationship that does not qualify for hedge accounting under IFRS 9. However, a first-time adopter that designated a net position as a hedged item in accordance with previous GAAP, may designate as a hedged item an individual item within that net position, or a net position if that meets the requirements in paragraph 6.6.1 of IFRS 9, provided that no later than the date of transition to IFRS. Transactions entered into before the date of transition to IFRS must not be retrospectively designated as hedges.

Notes to the consolidated financial statements

2. Significant accounting policies *continued*

2.4 First-time adoption of IFRS *continued*

Non-controlling interests (IFRS 1.B7)

The following requirements of IFRS 10 are applied prospectively from the date of transition to IFRS (provided that IFRS 3 is not applied retrospectively to past business combinations):

- ▶ To attribute total comprehensive income to non-controlling interests irrespective of whether this results in a deficit balance
- ▶ To treat changes in a parent's ownership interest as equity transactions
- ▶ To apply IFRS 10 to loss of control of a subsidiary

Classification and measurement of financial instruments (IFRS 1.B8-8C)

A first-time adopter is required to assess whether a financial asset meets the conditions on the basis of the facts and circumstances that exist at the date of transition to IFRS.

If it is impracticable to assess a modified time value of money element under paragraphs B4.1.9B-B4.1.9D of IFRS 9 on the basis of the facts and circumstances that exist at the transition date, the first-time adopter should assess the contractual cash flow characteristics of that financial asset on the basis of the facts and circumstances that existed at that date without taking into account the requirements related to the modification of the time value of money element in paragraphs B4.1.9B-B4.1.9D of IFRS 9. Similarly, if it is impracticable to assess whether the fair value of a prepayment feature is insignificant under paragraph B4.1.12(c) of IFRS 9 on the basis of the facts and circumstances that exist at the transition date, a first-time adopter is required to assess the contractual cash flow characteristics of that financial asset on the basis of the facts and circumstances that existed at that date without taking into account the exception for prepayment features in B4.1.12 of IFRS 9. If it is impracticable for a first-time adopter to apply retrospectively the effective interest method in IFRS 9, the fair value of the financial asset or the financial liability at the date of transition to IFRS should be the new gross carrying amount of that financial asset or the new amortised cost of that financial liability at the date of transition to IFRS.

Impairment of financial instruments under IFRS 9 (IFRS 1.B8D-8G)

A first-time adopter is required to apply the impairment requirements in section 5.5 of IFRS 9 retrospectively subject to paragraphs 7.2.15 and 7.2.18-7.2.20 of IFRS 9.

At the date of transition to IFRS, a first-time adopter is required to use reasonable and supportable information that is available without undue cost or effort to determine the credit risk at the date that the financial instruments were initially recognised (or for loan commitments and financial guarantee contracts the date that the entity became a party to the irrevocable commitment in accordance with paragraph 5.5.6 of IFRS 9) and compare that to the credit risk at the date of transition to IFRS.

When determining whether there has been a significant increase in credit risk since initial recognition, a first-time adopter may apply:

- (a) The requirements in paragraph 5.5.10 and B5.5.22-B5.5.24 of IFRS 9; and
- (b) The rebuttable presumption in paragraph 5.5.11 of IFRS 9 for contractual payments that are more than 30 days past due if an entity will apply the impairment requirements by identifying significant increases in credit risk since initial recognition for those financial instruments on the basis of past due information

However, a first-time adopter would not be required to make that assessment if that would require undue cost or effort. Such a first-time adopter is required to recognise a loss allowance at an amount equal to lifetime expected credit losses at each reporting date until that financial instrument is derecognised (unless that financial asset is low credit risk at a reporting date).

Embedded derivatives (IFRS 1.B9)

A first-time adopter is required to assess whether an embedded derivative should be separated from the host contract and accounted for as a derivative based on conditions that existed at the later of the date it first became a party to the contract and the date a reassessment is required by paragraph B4.3.11 of IFRS 9. It should be noted that IFRS 9 does not permit embedded derivatives to be separated from host contracts that are financial assets.

Government loans (IFRS 1.B10 and 11)

A first-time adopter is required to apply the requirements in IFRS 9 and IAS 20 *Accounting for Government Grants and Disclosure of Government Assistance* prospectively to government loans existing at the date of transition to IFRS. However, a first-time adopter may choose to apply the requirements of IFRS 9 and IAS 20 to government loans retrospectively, if the information needed to do so had been obtained at the time of initially accounting for that loan.

Notes to the consolidated financial statements

2. Significant accounting policies *continued*

2.4 First-time adoption of IFRS *continued*

Estimates

IFRS 1.14

The estimates at 1 January 2018 and at 31 December 2018 are consistent with those made for the same dates in accordance with Local GAAP (after adjustments to reflect any differences in accounting policies) apart from the following items where application of Local GAAP did not require estimation:

- ▶ Pensions and other postemployment benefits
- ▶ Share-based payment transactions
- ▶ Investments in equity instruments - unquoted equity shares

The estimates used by the Group to present these amounts in accordance with IFRS reflect conditions at 1 January 2018, the date of transition to IFRS and as at 31 December 2018. IFRS 1.16

Commentary

Application of IFRS, like other GAAPs, requires the use of estimation. IFRS 1 provides that an entity may need to make estimates in accordance with IFRS at the date of transition to IFRS that were not required at that date under previous GAAP. To achieve consistency with IAS 10, those estimates must reflect conditions that existed at the date of transition to IFRS. In particular, estimates at the date of transition to IFRS of market prices, interest rates or foreign exchange rates will reflect market conditions at that date. Care should be taken to identify previous GAAP estimates that are also required under IFRS and adjust only for policy differences rather than adjusting the previous GAAP estimates. The reason is to prevent entities from using hindsight to clean up their balance sheets as part of the preparation of the opening IFRS statement of financial position.

Notes to the consolidated financial statements

2. Significant accounting policies continued

2.4 First-time adoption of IFRS continued

Group reconciliation of equity as at 1 January 2018 (date of transition to IFRS)

		Local GAAP	Reclassification and Remeasurements	IFRS as at 1 January 2018	IFRS 1.23, 24(a)(i), 25
	Notes	€000	€000	€000	
Assets					
Non-current assets					
Property, plant and equipment	L, M, N, O	19,436	(496)	18,940	IFRS 1.10(d), IFRS 1.D5, IFRS 1.D9B
Investment properties		7,091	–	7,091	
Start-up expenses	A	300	(300)	–	IFRS 1.10(b)
Intangible assets	F	2,114	–	2,114	IFRS 1.10(b), IFRS 1.C4(c) IFRS 1.10(d), IFRS 1.D9B
Right-of-use assets	O	–	2,915	2,915	
Investment in an associate and a joint venture		1,878	–	1,878	
Non-current financial assets	B	2,123	150	2,273	IFRS 1.D19B
Deferred tax assets		321	–	321	
		<u>33,263</u>	<u>2,269</u>	<u>35,532</u>	
Current assets					
Inventories	P	25,152	(856)	24,296	IFRS 1.10(c), (D)
Right of return assets	P	–	856	856	IFRS 1.10(c), (D)
Trade and other receivables	C, R	29,115	(3,578)	25,537	IFRS 1.10(c)
Contract assets	R	–	3,450	3,450	IFRS 1.10(c)
Prepayments		226	–	226	
Other current financial assets	D	–	137	137	IFRS 1.B4
Cash and short-term deposits	S	11,066	–	11,066	
		<u>65,559</u>	<u>9</u>	<u>65,568</u>	
Total assets		<u>98,822</u>	<u>2,278</u>	<u>101,100</u>	
Equity and liabilities					
Equity					
Issued capital		19,388	–	19,388	
Share premium		–	–	–	
Treasury shares		(774)	–	(774)	
Other capital reserves	J	228	338	566	IFRS 1.D2
Retained earnings		25,615	(4,033)	21,582	IFRS 1.11 IFRS 1.10(a), (d), IFRS 1.B4, IFRS 1.D13(a), IFRS 1.D19B
Other components of equity	B, D, I, K	(706)	288	(418)	
Reserves of a disposal group held for sale		–	–	–	
Equity attributable to equity holders of the parent		43,751	(3,407)	40,344	
Non-controlling interests		198	10	208	
Total equity		<u>43,949</u>	<u>(3,397)</u>	<u>40,552</u>	
Non-current liabilities					
Interest-bearing loans and borrowings	O	20,247	1,111	21,358	IFRS 1.10(d), IFRS 1.D9B
Other non-current financial liabilities		–	–	–	
Provisions	H	140	(125)	15	IFRS 1.10(b)
Government grants		1,300	–	1,300	
Deferred revenue	R	692	(692)	–	IFRS 1.10(c)
Contract liabilities	R	–	692	692	
Net employee defined benefit liabilities	G	–	2,526	2,526	IFRS 1.10(a)
Deferred tax liabilities	I	(727)	1,507	780	IFRS 1.10(a)
		<u>21,652</u>	<u>5,019</u>	<u>26,671</u>	
Current liabilities					
Trade and other payables	E, P, Q	21,993	(3,745)	18,248	IFRS 1.10(b),(c),(D)
Deferred revenue	R	1,836	(1,836)	–	IFRS 1.10(c)
Contract liabilities	R	–	1,836	1,836	IFRS 1.10(c)
Refund liabilities	P, Q	–	3,796	3,796	IFRS 1.10(c),(D)
Interest-bearing loans and borrowings	O	4,500	334	4,834	IFRS 1.10(d), IFRS 1.D9B
Other current financial liabilities	D	32	271	303	IFRS 1.10(b)
Government grants		150	–	150	
Income tax payable		4,625	–	4,625	
Provisions		85	–	85	
		<u>33,221</u>	<u>656</u>	<u>33,877</u>	
Total liabilities		<u>54,873</u>	<u>5,675</u>	<u>60,548</u>	
Total equity and liabilities		<u>98,822</u>	<u>2,278</u>	<u>101,100</u>	

Notes to the consolidated financial statements

2. Significant accounting policies continued

2.4 First-time adoption of IFRS continued

Group reconciliation of equity as at 31 December 2018

		Local GAAP	Reclassification and Remeasurements	IFRS as at 31 December 2018	
	Notes	€000	€000	€000	IFRS 1.23, 24(a)(ii), 25
Assets					
Non-current assets					
Property, plant and equipment	L, M, N, O	24,797	(468)	24,329	IFRS 1.10(d), IFRS 1.D5, IFRS 1.D9B
Investment properties		7,983	–	7,983	
Start-up expenses	A	200	(200)	–	IFRS 1.10(b)
Intangible assets	F	2,461	–	2,461	IFRS 1.10(b), IFRS 1.C4(c)
Right-of-use assets	O	–	2,732	2,732	IFRS 1.10(d), IFRS 1.D9B
Investment in an associate and a joint venture		2,516	–	2,516	
Non-current financial assets	B	2,691	125	2,816	IFRS 1.D19B
Deferred tax assets		365	–	365	
		<u>41,013</u>	<u>2,189</u>	<u>43,202</u>	
Current assets					
Inventories	P	24,759	(929)	23,830	IFRS 1.10(c), (D)
Right of return assets	P	–	929	929	IFRS 1.10(c), (D)
Trade and other receivables	C, R	27,604	(5,314)	22,290	IFRS 1.10(c)
Contract assets	R	–	5,180	5,180	IFRS 1.10(c)
Prepayments		165	–	165	
Other current financial assets	D	–	153	153	IFRS 1.B4
Cash and short-term deposits	S	14,916	–	14,916	
		<u>67,444</u>	<u>19</u>	<u>67,463</u>	
Total assets		108,457	2,208	110,665	
Equity and liabilities					
Equity					
Issued capital		19,388	–	19,388	
Share premium		80	–	80	
Treasury shares		(654)	–	(654)	
Other capital reserves	J	294	570	864	IFRS 1.D2
Retained earnings		30,673	(4,744)	25,929	IFRS 1.11
					IFRS 1.10(a), (d), IFRS 1.B4, IFRS 1.D13(a), IFRS 1.D19B
Other components of equity	B, D, I, K	(798)	293	(505)	
Reserves of a disposal group held for sale		–	–	–	
Equity attributable to equity holders of the parent		48,983	(3,881)	45,102	
Non-controlling interests		728	12	740	
Total equity		49,711	(3,869)	45,842	
Non-current liabilities					
Interest-bearing loans and borrowings	O	22,222	1,091	23,313	IFRS 1.10(d), IFRS 1.D9B
Other non-current financial liabilities		–	–	–	
Provisions	H	144	(125)	19	IFRS 1.10(b)
Government grants		1,400	–	1,400	
Deferred revenue	R	888	(888)	–	IFRS 1.10(c)
Contract liabilities	R	–	888	888	
Net employee defined benefit liabilities	G	–	2,977	2,977	IFRS 1.10(a)
Deferred tax liabilities	I	(671)	1,278	607	IFRS 1.10(a)
		<u>23,983</u>	<u>5,221</u>	<u>29,204</u>	
Current liabilities					
Trade and other payables	E, P, Q	25,518	(5,495)	20,023	IFRS 1.10(b),(c),(D)
Deferred revenue	R	2,486	(2,486)	–	IFRS 1.10(c)
Contract liabilities	R	–	2,486	2,486	IFRS 1.10(c)
Refund liabilities	P, Q	–	5,844	5,844	IFRS 1.10(c),(D)
Interest-bearing loans and borrowings	O	2,840	302	3,142	IFRS 1.10(d), IFRS 1.D9B
Other current financial liabilities	D	49	205	254	IFRS 1.10(b)
Government grants		151	–	151	
Income tax payable		3,563	–	3,563	
Provisions		156	–	156	
		<u>34,763</u>	<u>856</u>	<u>35,619</u>	
Total liabilities		58,746	6,077	64,823	
Total equity and liabilities		108,457	2,208	110,665	

Notes to the consolidated financial statements

2. Significant accounting policies continued

2.4 First-time adoption of IFRS continued

Group reconciliation of total comprehensive income for the year ended 31 December 2018

		Local GAAP	Remeasurements	IFRS for the year ended 31 December 2018	IFRS 1.23, 24(b), 25
	Notes	€000	€000	€000	
Continuing operations					
Revenue from contracts with customers	Q	159,719	(631)	159,088	IFRS 1.10(c), (d)
Rental income		1,377	–	1,377	
Revenue		161,096	(631)	160,465	
Cost of sales					IFRS 1.10(d), IFRS 1.D5, IFRS 1.D9B
	L, M, N, O	(128,274)	(112)	(128,386)	
Gross profit		32,822	(743)	32,079	
Other operating income		2,548	–	2,548	
Selling and distribution expenses	C, G	(12,885)	(79)	(12,964)	IFRS 1.10(a)
Administrative expenses	J, P	(11,748)	(263)	(12,011)	
Other operating expenses	A	(453)	100	(353)	IFRS 1.10(b)
Operating profit		10,284	(985)	9,299	
Finance costs	O	(1,156)	(112)	(1,268)	IFRS 1.10(d), IFRS 1.D9B
Finance income		145	–	145	
Other income		66	–	66	
Share of profit of an associate and a joint venture		638	–	638	
Profit before tax from continuing operations		9,977	(1,097)	8,880	
Income tax expense	I	(2,345)	112	(2,233)	IFRS 1.10(a)
Profit for the year from continuing operations		6,837	(190)	6,647	
Profit/(loss) after tax for the year from discontinued operations		(188)	–	(188)	
Profit for the year		6,649	(190)	6,459	
Other comprehensive income					
<i>Other comprehensive income that may be reclassified to profit or loss in subsequent periods (net of tax):</i>					
Exchange differences on translation of foreign operations		(117)	–	(117)	
Net gain/(loss) on cash flow hedges	D	–	24	24	IFRS 1.10(a), IFRS 1.B4
Net loss on debt instruments at fair value through other comprehensive income		(1)	–	(1)	IFRS 1.10(a)
Net other comprehensive loss that may be reclassified to profit or loss in subsequent periods		(118)	24	(94)	
Net gain/(loss) on equity instruments designated at fair value through other comprehensive income	B	32	(25)	7	IFRS 1.10(d), IFRS 1.D19B
Remeasurement gain/(loss) on defined benefit plans	G	–	(273)	(273)	IFRS 1.10(a)
Net other comprehensive income/(loss) that will not be reclassified to profit or loss in subsequent periods		32	(298)	(266)	
Other comprehensive income/(loss) for the year, net of tax		(86)	(274)	(360)	
Total comprehensive income for the year, net of tax		6,563	(464)	6,099	

Notes to the consolidated financial statements

2. Significant accounting policies *continued*

2.4 First-time adoption of IFRS *continued*

Commentary

In an entity's first IFRS financial statements, it would not be acceptable to merely refer to an earlier announcement of the transition date statement of financial position and related notes, that was published by the entity as IFRS 1 requires the disclosures to appear within the first IFRS financial statements. However, for interim reporting, entities should be aware that they are not required to repeat all of the incremental IFRS information for each interim period during that first year of reporting under IFRS (IFRS 1.32-33). The opening statement of financial position and accompanying reconciliations of equity at the date of transition to IFRS are required for only the first interim and annual financial reports; they are not required in the second and third interim financial reports, which only require reconciliations of equity as of the end of the quarter and total comprehensive income for the respective quarter.

A first-time adopter will also have to ensure that its interim financial reports in the year of adoption of IFRS contain sufficient information about events or transactions that are material to an understanding of the current interim period. Since a first-time adopter has not previously issued a complete set of annual IFRS financial statements, this means that significantly more information may be required in these IFRS interim reports than would normally be included in an interim report prepared in accordance with IAS 34 *Interim Financial Reporting*.

Notes to the reconciliation of equity as at 1 January 2018 and 31 December 2018 and total comprehensive income for the year ended 31 December 2018

IFRS 1.23 - 25

A Start-up expenses

IFRS 1.10(b)

Under Local GAAP, the Group capitalised the cost of incorporation of a new subsidiary and depreciated this on a straight-line basis over five years. As such cost does not qualify for recognition as an asset under IFRS, this asset is derecognised against retained earnings.

B Equity instrument as at fair value through other comprehensive income

IFRS 1.10(d)
IFRS 1.D19B

Under Local GAAP, the Group accounted for investments in unquoted equity shares as financial instruments measured at cost. Under IFRS, the Group has designated such investments as an equity instrument as at fair value through other comprehensive income. At the date of transition to IFRS, the fair value of these assets is €1,040,000 and their previous Local GAAP carrying amount was €890,000. The €150,000 difference between the instruments' fair value and Local GAAP carrying amount has been recognised as other components of equity, in fair value reserve of financial assets at FVOCI, net of related deferred taxes.

C Trade and other receivables

IFRS 1.10(d)

The adoption of IFRS has fundamentally changed the Group's accounting for impairment losses for financial assets by replacing incurred loss approach under Local GAAP with a forward-looking expected credit loss (ECL) approach. IFRS requires the Group to recognise an allowance for ECLs for all debt instruments not held at fair value through profit or loss and contract assets. At the date of transition to IFRS, the Group recognised additional impairment on its Trade receivables of €128,000 (31 December 2018: €134,000), which resulted in a decrease in retained earnings by the same amount.

D Other financial assets and liabilities

IFRS 1.10(a),
IFRS 1.B4

The fair value of forward foreign exchange contracts is recognised under IFRS, and was not recognised under Local GAAP. The contracts have been designated as at the date of transition to IFRS as hedging instruments in cash flow hedges of either expected future sales, for which the group has firm commitments, or expected purchases from suppliers that are highly probable. The corresponding adjustment has been recognised as a separate component of equity, in the cash flow hedge reserve.

E Trade and other payables

IFRS 1.10(b)

Under Local GAAP, proposed dividends are recognised as a liability in the period to which they relate, irrespective of when they are declared. Under IFRS, a proposed dividend is recognised as a liability in the period in which it is declared by the company (usually when approved by shareholders in a general meeting) or paid. In the case of the Group, the declaration of dividend occurs after period end. Therefore, the liability recorded for this dividend has been derecognised against retained earnings.

F Intangible assets

IFRS 1.10(b),
IFRS 1.C4(c)

Under Local GAAP, the Group recognised indefinite lived intangible assets amounting to €57,000 on a business combination that does not qualify for recognition under IFRS. These intangible assets have been reclassified as part of goodwill on transition to IFRS. Goodwill has been presented within Intangible assets on the Statement of Financial Position.

Notes to the consolidated financial statements

2. Significant accounting policies *continued*

2.4 First-time adoption of IFRS *continued*

G Defined benefit obligation

IFRS 1.10(a)

Under Local GAAP, the Group recognised costs related to its pension plan on a cash basis. Under IFRS, defined benefit plan obligations are recognised and are measured using the projected unit credit method. The pension liability has been recognised in full against retained earnings.

H Provisions

IFRS 1.10(b)

Under Local GAAP, a restructuring provision has been recorded relating to downsizing head office activities. The provision does not qualify for recognition as a liability according to IAS 37, and has been derecognised against retained earnings.

I Deferred tax

IFRS 1.10(a)

The various transitional adjustments resulted in various temporary differences. According to the accounting policies in [Note 2.3](#), the Group has to recognise the tax effects of such differences. Deferred tax adjustments are recognised in correlation to the underlying transaction either in retained earnings or a separate component of equity.

J Share-based payments

IFRS 1.10(a)
IFRS 1.D2

Under Local GAAP, the Group recognised only the cost for the long-term incentive plan as an expense. IFRS requires the fair value of the share options to be determined using an appropriate pricing model recognised over the vesting period. An additional expense of €232,000 has been recognised in profit or loss for the year ended 31 December 2018. Share options with grant date fair value totalling €338,000, which were granted before and still vesting at 1 January 2018, have been recognised as a separate component of equity against retained earnings at 1 January 2018.

K Foreign currency translation

IFRS 1.D13(a)

Under Local GAAP, the Group recognised translation differences on foreign operations in a separate component of equity. Cumulative currency translation differences for all foreign operations are deemed to be zero as at 1 January 2018. The resulting adjustment was recognised against retained earnings.

L Property, plant and equipment

IFRS 1.30
IFRS 1.D5

The group has elected to measure certain items of property, plant and equipment at fair value at the date of transition to IFRS. At the date of transition to IFRS, the aggregate of those fair values was €12,327,000 and an increase of €540,000 (31 December 2018: €486,000) was recognised in property, plant and equipment. This amount has been recognised against retained earnings.

M Depreciation of property, plant and equipment

IFRS 1.10(d),
IAS 16.43

IAS 16 requires significant component parts of an item of property, plant and equipment to be depreciated separately. As explained in [Note 2.3.k](#), the cost of major inspections is capitalised and depreciated separately over the period to the next major inspection. At the date of transition to IFRS, an increase of €620,000 (31 December 2018: €558,000) was recognised in property, plant and equipment net of accumulated depreciation due to separate depreciation of significant components of property, plant and equipment. This amount has been recognised against retained earnings.

N Impairment of property, plant and equipment

IFRS 1.10(d)
IFRS 1.24(c)

Under Local GAAP, long-lived assets were reviewed for impairment when events or changes in circumstances indicated that their carrying value may exceed the sum of the undiscounted future cash flows expected from use and eventual disposal. For the purposes of assessing impairment, assets were grouped at the lowest level for which identifiable cash flows were largely independent of the cash flows of other assets. If the estimated undiscounted cash flows for the asset group were less than the asset group's carrying amount, the impairment loss was measured as the excess of the carrying value over fair value. Under IFRS, as explained in [Note 2.3.s](#), impairment of assets that do not generate cash inflows that are largely independent of those from other assets or groups of assets, is assessed at the CGU level based on the CGU's recoverable amount.

At the date of transition to IFRS, as a result of the changes in methodology, the Group determined that the recoverable amount of its manufacturing plant, which is considered a CGU and is part of the Group's Fire Prevention Equipment reportable segment, was less than its carrying amount. The recoverable amount was €6,013,450, based on the CGU's value in use using a pre-tax discount rate of 8%. This resulted in an impairment loss of €250,000 being recognised as at 1 January 2018. This amount has been recognised against retained earnings. Additionally, depreciation for the year ended 31 December 2018 was reduced by €25,000.

Notes to the consolidated financial statements

2. Significant accounting policies continued

2.4 First-time adoption of IFRS continued

O Leases

Under Local GAAP, a lease is classified as a finance lease or an operating lease. Operating lease payments are recognised as an operating expense in the statement of profit or loss on a straight-line basis over the lease term. Under IFRS, as explained in [Note 2.3.I](#), a lessee applies a single recognition and measurement approach for all leases, except for short-term leases and leases of low-value assets and recognises lease liabilities to make lease payments and right-of-use assets representing the right to use the underlying assets.

At the date of transition to IFRS, the Group applied the transitional provision and measured lease liabilities at the present value of the remaining lease payments, discounted using the lessee's incremental borrowing rate at the date of transition to IFRS. Right-of-use assets were measured at the amount equal to the lease liabilities adjusted by the amount of any prepaid or accrued lease payments. As a result, the Group recognised an increase of €1,445,000 (31 December 2018: €1,393,000) of lease liabilities included under interest-bearing loans and borrowings and €1,509,000 (31 December 2018: €1,445,000) of right-of-use assets. The difference between lease liabilities and right-of-use assets has been recognised in retained earnings. Under Local GAAP, assets held under finance leases are capitalised and included in property, plant and equipment. Under IFRS, they are presented in right-of-use assets. At the date of transition to IFRS, €1,406,000 (31 December 2018: €1,287,000) was reclassified from property, plant and equipment to right-of-use assets. Additionally, depreciation increased by €52,000 (€21,000 was included in cost of sales, €31,000 was included in administrative expenses) and finance costs increased by €112,000 for the year ended 31 December 2018.

IFRS 1.10(d),
IFRS 1.D9B

P Rights of return

Under Local GAAP, the amount of revenue related to the expected returns was deferred and recognised in the statement of financial position within trade and other payables with a corresponding adjustment to cost of sales. The initial carrying amount of goods expected to be returned was included in Inventories. Under IFRS, the consideration received from the customer is variable because the contract allows the customer to return the products. For goods expected to be returned, the Group presented a refund liability and an asset for the right to recover products from a customer separately in the statement of financial position. At the date of transition to IFRS, the Group reclassified trade and other payables of €1,218,000 (31 December 2018: €1,322,000) to refund liabilities and Inventories of €856,000 (31 December 2018: €929,000) to right of return assets.

IFRS 1.10(c),
IFRS 1.10(D)

Q Volume rebates

Under Local GAAP, the Group estimated the expected volume rebates using the probability-weighted average amount of rebates approach and included an allowance for rebates in trade and other payables. Under IFRS, retrospective volume rebates give rise to variable consideration. To estimate the variable consideration to which it will be entitled, the Group applied the 'most likely amount method' for contracts with a single volume threshold and the 'expected value method' for contracts with more than one volume threshold. At the date of transition to IFRS, the Group recognised refund liabilities of €2,578,000 (31 December 2018: €4,522,000) for the expected future rebates. The Group also derecognised the provision included in trade and other payables of €1,778,000 (31 December 2018: €3,091,000), and reduced the retained earnings for the difference of €800,000 (31 December 2018: €1,431,000). Additionally, revenue from contracts with customers for the year ended 31 December 2018 was reduced by €631,000.

IFRS 1.10(c),
IFRS 1.10(D)

R Contract assets and contract liabilities

Under Local GAAP, the Group recognised trade receivables, even if the receipt of the total consideration was conditional on successful completion of installation services. Under IFRS, any earned consideration that is conditional should be recognised as a contract asset rather than a receivable. Therefore, at the date of transition to IFRS, the Group reclassified €3,450,000 (31 December 2018: €5,180,000) from trade receivables to contract assets.

IFRS 1.10(c)

Under Local GAAP, the Group recognised deferred revenue for an obligation to transfer goods or services to a customer for which the entity has received consideration or the amount is due from the customer. Under IFRS, the obligation should be recognised as a contract liability rather than deferred revenue. Therefore, at the date of transition to IFRS, the Group reclassified €2,528,000 (31 December 2018: €3,374,000) from deferred revenue to contract liabilities.

S Statement of cash flows

Under Local GAAP, a lease is classified as a finance lease or an operating lease. Cash flows arising from operating lease payments are classified as operating activities. Under IFRS, a lessee generally applies a single recognition and measurement approach for all leases and recognises lease liabilities. Cash flows arising from payments of principal portion of lease liabilities are classified as financing activities. Therefore, cash outflows from operating activities decreased by €177,000 and cash outflows from financing activities increased by the same amount for the year ended 31 December 2018.

Notes to the consolidated financial statements

2. Significant accounting policies *continued*

2.4 First-time adoption of IFRS *continued*

Commentary

If errors made under previous GAAP are discovered during the transition to IFRS, any adjustments to equity or comprehensive income for these amounts must be identified as error corrections in the reconciliation rather than as IFRS transition adjustments. No error corrections were made by the Group in its transition to IFRS.

3. Significant accounting judgements, estimates and assumptions

The preparation of the Group's consolidated financial statements requires management to make judgements, estimates and assumptions that affect the reported amounts of revenues, expenses, assets and liabilities, and the accompanying disclosures, and the disclosure of contingent liabilities. Uncertainty about these assumptions and estimates could result in outcomes that require a material adjustment to the carrying amount of assets or liabilities affected in future periods.

Other disclosures relating to the Group's exposure to risks and uncertainties includes:

- ▶ Capital management [Note 6](#)
- ▶ Financial instruments risk management and policies [Note 21.5](#)
- ▶ Sensitivity analyses disclosures Notes [17](#), [18](#), [20](#), [21.4](#), [21.5](#) and [32](#).

Judgements

In the process of applying the Group's accounting policies, management has made the following judgements, which have the most significant effect on the amounts recognised in the consolidated financial statements:

IAS 1.122

Determining the lease term of contracts with renewal and termination options - Group as lessee

The Group determines the lease term as the non-cancellable term of the lease, together with any periods covered by an option to extend the lease if it is reasonably certain to be exercised, or any periods covered by an option to terminate the lease, if it is reasonably certain not to be exercised.

IFRS 16.18
IFRS 16.19

The Group has several lease contracts that include extension and termination options. The Group applies judgement in evaluating whether it is reasonably certain whether or not to exercise the option to renew or terminate the lease. That is, it considers all relevant factors that create an economic incentive for it to exercise either the renewal or termination. After the commencement date, the Group reassesses the lease term if there is a significant event or change in circumstances that is within its control and affects its ability to exercise or not to exercise the option to renew or to terminate (e.g., construction of significant leasehold improvements or significant customisation to the leased asset).

The Group included the renewal period as part of the lease term for leases of plant and machinery with shorter non-cancellable period (i.e., three to five years). The Group typically exercises its option to renew for these leases because there will be a significant negative effect on production if a replacement asset is not readily available. The renewal periods for leases of plant and machinery with longer non-cancellable periods (i.e., 10 to 15 years) are not included as part of the lease term as these are not reasonably certain to be exercised. In addition, the renewal options for leases of motor vehicles are not included as part of the lease term because the Group typically leases motor vehicles for not more than five years and, hence, is not exercising any renewal options. Furthermore, the periods covered by termination options are included as part of the lease term only when they are reasonably certain not to be exercised.

Refer to [Note 31](#) for information on potential future rental payments relating to periods following the exercise date of extension and termination options that are not included in the lease term.

Property lease classification - Group as lessor

The Group has entered into commercial property leases on its investment property portfolio. The Group has determined, based on an evaluation of the terms and conditions of the arrangements, such as the lease term not constituting a major part of the economic life of the commercial property and the present value of the minimum lease payments not amounting to substantially all of the fair value of the commercial property, that it retains substantially all the risks and rewards incidental to ownership of these properties and accounts for the contracts as operating leases.

Assets held for sale

On 1 October 2019, the Board of Directors announced its decision to discontinue the rubber segment consisting of Hose Limited, a wholly owned subsidiary. Operations of Hose Limited are classified as a disposal group held for sale. The Board considered the subsidiary to meet the criteria to be classified as held for sale at that date for the following reasons:

IFRS 5.7
IFRS 5.8

Notes to the consolidated financial statements

3. Significant accounting judgements, estimates and assumptions *continued*

- ▶ Hose Limited is available for immediate sale and can be sold to the buyer in its current condition
- ▶ The actions to complete the sale were initiated and expected to be completed within one year from the date of initial classification
- ▶ A potential buyer has been identified and negotiations as at the reporting date are at an advance stage
- ▶ The shareholders approved the plan to sell on 14 November 2019

IFRS 5.BA
IFRS 5.9

For more details on the discontinued operation, refer to [Note 14](#).

Consolidation of a structured entity

In February 2019, the Group and a third party partner formed an entity, Fire Equipment Test Lab Limited, to acquire land and construct and operate a fire equipment safety facility. The Group holds 20% of the voting shares in this entity. The third-party partner contributed approximately €2,700,000 in 2019, representing 80% of the voting shares, for the acquisition and construction of the fire safety test facility. The third-party partner is committed to provide approximately €1,000,000 in each of the following two years to complete the project. The construction is expected to be completed in 2021 at a total cost of approximately €4,700,000. The partner is entitled to a 22% return on the outstanding capital upon the commencement of operations. Under the contractual arrangement with the third party partner, the Group has a majority representation on the entity's board of directors and the Group's approval is required for all major operational decisions. At the end of the fourth annual period, the partner is entitled to a 100% capital return. The EIR is 11% and the interest accumulated on the contributed amount totalled €303,000 at 31 December 2019. The Group is effectively guaranteeing the returns to the third-party partner. On completion of the construction, the operations of Fire Equipment Test Lab Limited will be solely carried out by the Group.

IFRS 12.7(a)
IFRS 12.9
IFRS 12.17
IFRS 12.8
IFRS 12.9
IFRS 12.14

Based on the contractual terms, the Group assessed that the voting rights in Fire Equipment Test Lab Limited are not the dominant factor in deciding who controls the entity. Also, it is assessed that there is insufficient equity financing (€200,000) to allow the entity to finance its activities without the non-equity financial support of the Group. Therefore, the Group concluded Fire Equipment Test Lab Limited is a structured entity under IFRS 10 and that the Group controls it with no non-controlling interests. The voting shares of the third-party partner are accounted for as a financial liability.

Therefore, Fire Equipment Test Lab Limited is consolidated in the Group's consolidated financial statements. The shares of the third-party partner are recorded as a long-term loan and the return on investment is recorded as interest expense.

Consolidation of entities in which the Group holds less than a majority of voting right (de facto control)

The Group considers that it controls Electronics Limited even though it owns less than 50% of the voting rights. This is because the Group is the single largest shareholder of Electronics Limited with a 48% equity interest. The remaining 52% of the equity shares in Electronics Limited are widely held by many other shareholders, none of which individually hold more than 1% of the equity shares (as recorded in the company's shareholders' register from 1 October 2012 to 31 December 2019). Since 1 October 2012, which is the date of acquisition of Electronics Limited, there is no history of the other shareholders collaborating to exercise their votes collectively or to outvote the Group.

IFRS 10.B41, B42
IFRS 12.7(a)
IFRS 12.8
IFRS 12.9

Commentary

IAS 1.22 requires an entity to disclose the judgements that management has made in the process of applying the entity's accounting policies that have the most significant effect on the amounts recognised in the financial statements.

IFRS 12 adds to the general requirements of IAS 1 by specifically requiring an entity to disclose all significant judgements and estimates made in determining the nature of its interest in another entity or arrangement, and in determining the type of joint arrangement in which it has an interest. IFRS 12.7 requires that an entity disclose information about significant judgements and assumptions it has made (and changes to those judgements and assumptions) in determining that:

- ▶ It has control of another entity
- ▶ It has joint control of an arrangement or significant influence over another entity
- ▶ The type of joint arrangement (i.e., joint operation or joint venture) when the arrangement has been structured through a separate vehicle

An entity must disclose, for example, significant judgements and assumptions made in determining that

- ▶ It does not control another entity even though it holds more than half of the voting rights of the other entity

Notes to the consolidated financial statements

3. Significant accounting judgements, estimates and assumptions *continued*

- ▶ It controls another entity even though it holds less than half of the voting rights of the other entity
- ▶ It is an agent or principal as defined by IFRS 10
- ▶ It does not have significant influence even though it holds 20 per cent or more of the voting rights of another entity
- ▶ It has significant influence even though it holds less than 20 per cent of the voting rights of another entity

The Group assessed that it controls Electronics Limited, despite having less than a majority of the voting rights, based on the guidance under IFRS 10.B42.

The Group does not have any interest in unconsolidated structured entities. Interests in such entities require the disclosures under IFRS 12.24-31. These disclosures have been illustrated in our publication, *Applying IFRS: IFRS 12 Example disclosures for interests in unconsolidated structured entities*, (March 2013) available at ey.com/ifrs.

Estimates and assumptions

The key assumptions concerning the future and other key sources of estimation uncertainty at the reporting date, that have a significant risk of causing a material adjustment to the carrying amounts of assets and liabilities within the next financial year, are described below. The Group based its assumptions and estimates on parameters available when the consolidated financial statements were prepared. Existing circumstances and assumptions about future developments, however, may change due to market changes or circumstances arising that are beyond the control of the Group. Such changes are reflected in the assumptions when they occur.

IAS 1.125

Commentary

Paragraph 14 of IFRS 1 requires that an entity's estimates in accordance with IFRS at the date of transition to IFRS shall be consistent with estimates made for the same date in accordance with previous GAAP (after adjustments to reflect any difference in accounting policies), unless there is objective evidence that those estimates were in error.

An entity may receive information after the date of transition to IFRS about estimates that it had made under previous GAAP. In accordance with paragraph 15 of IFRS 1, an entity shall treat the receipt of that information in the same way as non-adjusting events after the reporting period in accordance with IAS 10 *Events after the Reporting Period*.

Paragraph 16 of IFRS 1 requires that an entity may need to make estimates in accordance with IFRS at the date of transition that were not required at that date under previous GAAP. To achieve consistency with IAS 10, those estimates in accordance with IFRS shall reflect conditions that existed at the date of transition to IFRS. In particular, estimates at the transition date of market prices, interest rates or foreign exchange rates shall reflect market conditions at that date.

Revaluation of property, plant and equipment and investment properties

The Group carries its investment properties at fair value, with changes in fair value being recognised in the statement of profit or loss. For investment properties, a valuation methodology based on a discounted cash flow (DCF) model was used, as there is a lack of comparable market data because of the nature of the properties. In addition, it measures the office properties in Euroland at revalued amounts, with changes in fair value being recognised in OCI. The office properties were valued by reference to transactions involving properties of a similar nature, location and condition. The Group engaged an independent valuation specialist to assess fair values as at 31 December 2019 for the investment properties and at 31 December 2019 for the office properties in Euroland.

The key assumptions used to determine the fair value of the properties and sensitivity analyses are provided in [Notes 17](#) and [18](#).

Impairment of non-financial assets

Impairment exists when the carrying value of an asset or cash generating unit exceeds its recoverable amount, which is the higher of its fair value less costs of disposal and its value in use. The fair value less costs of disposal calculation is based on available data from binding sales transactions, conducted at arm's length, for similar assets or observable market prices less incremental costs of disposing of the asset. The value in use calculation is based on a DCF model. The cash flows are derived from the budget for the next five years and do not include restructuring activities that the Group is not yet committed to or significant future investments that will enhance the performance of the assets of the CGU being tested. The recoverable amount is sensitive to the discount rate used for the DCF model as well as the expected future cash-inflows and the growth rate used for extrapolation purposes. These estimates are most relevant to goodwill and other intangibles with indefinite useful lives recognised by the Group. The key assumptions used to determine the recoverable amount for the different CGUs, including a sensitivity analysis, are disclosed and further explained in [Note 20](#).

IAS 36.6

IAS 36.33(b)

Notes to the consolidated financial statements

3. Significant accounting judgements, estimates and assumptions *continued*

Provision for expected credit losses of trade receivables and contract assets

IFRS 7.35G

IFRS 7.35F(c)

The Group uses a provision matrix to calculate ECLs for trade receivables and contract assets. The provision rates are based on days past due for groupings of various customer segments that have similar loss patterns (i.e., by geography, product type, customer type and rating, and coverage by letters of credit and other forms of credit insurance).

The provision matrix is initially based on the Group's historical observed default rates. The Group will calibrate the matrix to adjust the historical credit loss experience with forward-looking information. For instance, if forecast economic conditions (i.e., gross domestic product) are expected to deteriorate over the next year which can lead to an increased number of defaults in the manufacturing sector, the historical default rates are adjusted. At every reporting date, the historical observed default rates are updated and changes in the forward-looking estimates are analysed.

The assessment of the correlation between historical observed default rates, forecast economic conditions and ECLs is a significant estimate. The amount of ECLs is sensitive to changes in circumstances and of forecast economic conditions. The Group's historical credit loss experience and forecast of economic conditions may also not be representative of customer's actual default in the future. The information about the ECLs on the Group's trade receivables and contract assets is disclosed in [Note 21](#).

Commentary

Under IFRS 7.35G(b), an entity must disclose how forward-looking information has been incorporated into the determination of ECL, including the use of macroeconomic information. The Group did not provide detailed information on how the forecast economic conditions have been incorporated in the determination of ECL because the impact is not significant. Entities are expected to provide more detailed information if the forward-looking information has a significant impact in the calculation of ECL.

Share-based payments

Estimating fair value for share-based payment transactions requires determination of the most appropriate valuation model, which depends on the terms and conditions of the grant. This estimate also requires determination of the most appropriate inputs to the valuation model including the expected life of the share option or appreciation right, volatility and dividend yield and making assumptions about them. The Group initially measures the cost of cash-settled transactions with employees using a binomial model to determine the fair value of the liability incurred. For cash-settled share-based payment transactions, the liability needs to be remeasured at the end of each reporting period up to the date of settlement, with any changes in fair value recognised in profit or loss. This requires a reassessment of the estimates used at the end of each reporting period. For the measurement of the fair value of equity-settled transactions with employees at the grant date, the Group uses a binomial model for Senior Executive Plan (SEP) and a Monte-Carlo simulation model for General Employee Share Option Plan (GESP). The assumptions and models used for estimating fair value for share-based payment transactions are disclosed in [Note 33](#).

Taxes

Deferred tax assets are recognised for unused tax losses to the extent that it is probable that taxable profit will be available against which the losses can be utilised. Significant management judgement is required to determine the amount of deferred tax assets that can be recognised, based upon the likely timing and the level of future taxable profits, together with future tax planning strategies.

The Group has €427,000 (2018: €1,198,000, 1 January 2018: : €1,494,000) of tax losses carried forward. These losses relate to subsidiaries that have a history of losses, do not expire, and may not be used to offset taxable income elsewhere in the Group. The subsidiaries neither have any taxable temporary difference nor any tax planning opportunities available that could partly support the recognition of these losses as deferred tax assets.

IAS 12.81(e)

On this basis, the Group has determined that it cannot recognise deferred tax assets on the tax losses carried forward.

If the Group was able to recognise all unrecognised deferred tax assets, profit and equity would have increased by €128,000. Further details on taxes are disclosed in [Note 15](#).

Notes to the consolidated financial statements

3. Significant accounting judgements, estimates and assumptions *continued*

Defined benefit plans (pension benefits)

The cost of the defined benefit pension plan and other post-employment medical benefits and the present value of the pension obligation are determined using actuarial valuations. An actuarial valuation involves making various assumptions that may differ from actual developments in the future. These include the determination of the discount rate, future salary increases, mortality rates and future pension increases. Due to the complexities involved in the valuation and its long-term nature, a defined benefit obligation is highly sensitive to changes in these assumptions. All assumptions are reviewed at each reporting date.

The parameter most subject to change is the discount rate. In determining the appropriate discount rate, management considers the interest rates of corporate bonds in currencies consistent with the currencies of the post-employment benefit obligation with at least an 'AA' rating or above, as set by an internationally acknowledged rating agency, and extrapolated as needed along the yield curve to correspond with the expected term of the defined benefit obligation. The underlying bonds are further reviewed for quality.

Those having excessive credit spreads are excluded from the analysis of bonds on which the discount rate is based, on the basis that they do not represent high quality corporate bonds.

The mortality rate is based on publicly available mortality tables for the specific countries. Those mortality tables tend to change only at intervals in response to demographic changes. Future salary increases and pension increases are based on expected future inflation rates for the respective countries.

Further details about pension obligations are provided in [Note 32](#).

Fair value measurement of financial instruments

When the fair values of financial assets and financial liabilities recorded in the statement of financial position cannot be measured based on quoted prices in active markets, their fair value is measured using valuation techniques including the discounted cash flow (DCF) model. The inputs to these models are taken from observable markets where possible, but where this is not feasible, a degree of judgement is required in establishing fair values. Judgements include considerations of inputs such as liquidity risk, credit risk and volatility. Changes in assumptions relating to these factors could affect the reported fair value of financial instruments. See [Note 21.4](#) for further disclosures.

Contingent consideration, resulting from business combinations, is valued at fair value at the acquisition date as part of the business combination. When the contingent consideration meets the definition of a financial liability, it is subsequently remeasured to fair value at each reporting date. The determination of the fair value is based on discounted cash flows. The key assumptions take into consideration the probability of meeting each performance target and the discount factor (see [Notes 8](#) and [21.4](#) for details).

As part of the accounting for the acquisition of Extinguishers Limited, contingent consideration with an estimated fair value of €714,000 was recognised at the acquisition date and remeasured to €1,071,500 as at the reporting date. Future developments may require further revisions to the estimate. The maximum consideration to be paid is €1,125,000. The contingent consideration is classified as other financial liability (see [Note 21.2](#)).

Development costs

The Group capitalises costs for product development projects. Initial capitalisation of costs is based on management's judgement that technological and economic feasibility is confirmed, usually when a product development project has reached a defined milestone according to an established project management model. In determining the amounts to be capitalised, management makes assumptions regarding the expected future cash generation of the project, discount rates to be applied and the expected period of benefits. At 31 December 2019, the carrying amount of capitalised development costs was €2,178,000 (2018: €1,686,000, 1 January 2018: €1,420,000).

This amount includes significant investment in the development of an innovative fire prevention system. Prior to being marketed, it will need to obtain a safety certificate issued by the relevant regulatory authorities. The innovative nature of the product gives rise to some uncertainty as to whether the certificate will be obtained.

Notes to the consolidated financial statements

3. Significant accounting judgements, estimates and assumptions *continued*

Provision for decommissioning

As part of the identification and measurement of assets and liabilities for the acquisition of Extinguishers Limited in 2019, the Group has recognised a provision for decommissioning obligations associated with a factory owned by Extinguishers Limited. In determining the fair value of the provision, assumptions and estimates are made in relation to discount rates, the expected cost to dismantle and remove the plant from the site and the expected timing of those costs. The carrying amount of the provision as at 31 December 2019 was €1,221,000 (2018: €Nil, 1 January 2018: €Nil). The Group estimates that the costs would be realised in 15 years' time and calculates the provision using the DCF method based on the following assumptions:

- ▶ Estimated range of cost per sqm - €10 - €25 (€20)
- ▶ Discount rate - 14%

If the estimated pre-tax discount rate used in the calculation had been 1% higher than management's estimate, the carrying amount of the provision would have been €94,000 lower.

Revenue recognition - Estimating variable consideration for returns and volume rebates

IFRS 15.126

The Group estimates variable considerations to be included in the transaction price for the sale of electronics equipment with rights of return and volume rebates.

The Group has developed a statistical model for forecasting sales returns. The model uses the historical return data of each product to come up with expected return percentages. These percentages are applied to determine the expected value of the variable consideration. Any significant changes in experience as compared to historical return pattern will impact the expected return percentages estimated by the Group.

The Group's expected volume rebates are analysed on a per customer basis for contracts that are subject to a single volume threshold. Determining whether a customer will be likely entitled to rebate will depend on the customer's historical rebates entitlement and accumulated purchases to date.

The Group applied the statistical model for estimating expected volume rebates for contracts with more than one volume threshold. The model uses the historical purchasing patterns and rebates entitlement of customers to determine the expected rebate percentages and the expected value of the variable consideration. Any significant changes in experience as compared to historical purchasing patterns and rebate entitlements of customers will impact the expected rebate percentages estimated by the Group.

The Group updates its assessment of expected returns and volume rebates quarterly and the refund liabilities are adjusted accordingly. Estimates of expected returns and volume rebates are sensitive to changes in circumstances and the Group's past experience regarding returns and rebate entitlements may not be representative of customers' actual returns and rebate entitlements in the future. As at 31 December 2019, the amount recognised as refund liabilities for the expected returns and volume rebates was €6,242,000 (2018: €5,844,000, 1 January 2018: €3,796,000).

Revenue recognition - Estimating stand-alone selling price - GoodPoints loyalty programme

IFRS 15.126

The Group estimates the stand-alone selling price of the loyalty points awarded under the *GoodPoints* programme. The stand-alone selling price of the loyalty points issued is calculated by multiplying to the estimated redemption rate and to the monetary value assigned to the loyalty points. In estimating the redemption rate, the Group considers breakage which represents the portion of the points issued that will never be redeemed. The Group applies statistical projection methods in its estimation using customers' historical redemption patterns as the main input. The redemption rate is updated quarterly and the liability for the unredeemed points is adjusted accordingly. In estimating the value of the points issued, the Group considers the mix of products that will be available in the future in exchange for loyalty points and customers' preferences. The Group ensures that the value assigned to the loyalty points is commensurate to the stand-alone selling price of the products eligible for redemption (i.e., the value of each point is equivalent to the stand-alone selling price of any products eligible for redemption divided by number of points required).

As points issued under the programme do not expire, estimates of the stand-alone selling price are subject to significant uncertainty. Any significant changes in customers' redemption patterns will impact the estimated redemption rate. As at 31 December 2019, the estimated liability for unredeemed points was €900,000 (2018: €678,000, 1 January 2018: €551,000). If the estimated redemption rate used had been higher by 1% than management's estimate, the carrying amount of the estimated liability for unredeemed points as at 31 December 2019 would have been higher by €7,000 (2018: €5,000).

Notes to the consolidated financial statements

3. Significant accounting judgements, estimates and assumptions *continued*

Leases - Estimating the incremental borrowing rate

IFRS 16.26

The Group cannot readily determine the interest rate implicit in the lease, therefore, it uses its incremental borrowing rate (IBR) to measure lease liabilities. The IBR is the rate of interest that the Group would have to pay to borrow over a similar term, and with a similar security, the funds necessary to obtain an asset of a similar value to the right-of-use asset in a similar economic environment. The IBR therefore reflects what the Group 'would have to pay', which requires estimation when no observable rates are available (such as for subsidiaries that do not enter into financing transactions) or when they need to be adjusted to reflect the terms and conditions of the lease (for example, when leases are not in the subsidiary's functional currency). The Group estimates the IBR using observable inputs (such as market interest rates) when available and is required to make certain entity-specific estimates (such as the subsidiary's stand-alone credit rating).

Commentary

IAS 1 requires an entity to disclose significant judgements applied in preparing the financial statements (IAS 1.122) and significant estimates that involve a high degree of estimation uncertainty (IAS 1.125). The disclosure requirements go beyond the requirements that exist in some other IFRS, such as IAS 37.

These disclosures represent a very important source of information in the financial statements because they highlight the areas in the financial statements that are most prone to change in the foreseeable future. Therefore, any information given should be sufficiently detailed to help readers of the financial statements understand the impact of possible significant changes.

The Group has, for illustrative purposes, included disclosures about significant judgements and estimates beyond what is normally required, and potentially also beyond what is decision-useful. Under IAS 1, it is only those judgements that have the most significant effect on the amounts recognised in the financial statements and those estimates that have a significant risk of resulting in material adjustments in respect of assets and liabilities within the next financial year that should be addressed in this section.

It is important that entities carefully assesses which judgements and estimates are most significant as required by IAS 1 and make the disclosures accordingly, to allow the users of the financial statements to appreciate the impact of the judgements and estimation uncertainties. Disclosures of judgements and estimation uncertainties that do not have a significant risk of resulting in material adjustments may clutter the financial statements in a way that reduces the users' ability to identify the key judgements and estimation uncertainties.

Notes to the consolidated financial statements

4. Revenue from contracts with customers

4.1 Disaggregated revenue information

Set out below is the disaggregation of the Group's revenue from contracts with customers:

IFRS 15.114-115

Segments	For the year ended 31 December 2019		
	Fire prevention equipment	Electronics	Total
	€000	€000	€000
Type of goods or service			
Sale of fire prevention equipment	85,438	–	85,438
Sale of electronics equipment	–	69,263	69,263
Installation services	17,131	–	17,131
Others*	7,226	–	7,226
Total revenue from contracts with customers	109,795	69,263	179,058
Geographical markets			
Euroland	76,413	50,421	126,834
United States	33,382	18,842	52,224
Total revenue from contracts with customers	109,795	69,263	179,058
Timing of revenue recognition			
Goods and services transferred at a point in time	90,141	69,263	159,404
Goods and services transferred over time	19,654	–	19,654
Total revenue from contracts with customers	109,795	69,263	179,058

* Includes revenue from procurement services and service-type warranties.

Segments	For the year ended 31 December 2018		
	Fire prevention equipment	Electronics	Total
	€000	€000	€000
Type of goods or service			
Sale of fire prevention equipment	69,107	–	69,107
Sale of electronics equipment	–	66,621	66,621
Installation services	16,537	–	16,537
Others*	6,823	–	6,823
Total revenue from contracts with customers	92,467	66,621	159,088
Geographical markets			
Euroland	62,239	48,968	111,207
United States	30,228	17,653	47,881
Total revenue from contracts with customers	92,467	66,621	159,088
Timing of revenue recognition			
Goods and services transferred at a point in time	73,696	66,621	140,317
Goods and services transferred over time	18,771	–	18,771
Total revenue from contracts with customers	92,467	66,621	159,088

* Includes revenue from procurement services and service-type warranties.

Notes to the consolidated financial statements

4. Revenue from contracts with customers *continued*

4.1 Disaggregated revenue information *continued*

Set out below, is the reconciliation of the revenue from contracts with customers with the amounts disclosed in the segment information ([Note 5](#)): IFRS 15.114-115

	For the years ended 31 December			
	2019		2018	
	Fire prevention equipment	Electronics	Fire prevention equipment	Electronics
	€000	€000	€000	€000
Revenue				
External customer	139,842	69,263	121,905	66,621
Inter-segment	–	7,465	–	7,319
	139,842	76,728	121,905	73,940
Inter-segment adjustments and eliminations	(30,047)	(7,465)	(29,438)	(7,319)
Total revenue from contracts with customers	109,795	69,263	92,467	66,621

Commentary

The Group presented disaggregated revenue based on the type of goods or services provided to customers, the geographical region, and the timing of transfer of goods and services. Entities will need to make this determination based on entity-specific and/or industry-specific factors that would be most meaningful to their business.

The Group presented a reconciliation of the disaggregated revenue with the revenue information disclosed for each reportable segment. Entities may find it appropriate to provide disaggregated revenue information within the segment reporting disclosures.

4.2 Contract balances

	31 December		1 January
	2019	2018	2018
	€000	€000	€000
Trade receivables (Note 23)	25,672	22,290	25,537
Contract assets	4,541	5,180	3,450
Contract liabilities (Note 29)	5,842	3,374	2,528

IFRS 15.116(a)

The acquisition of a subsidiary resulted in increase in trade receivables of €1,716,000 in 2019 (2018: €853,000) ([Note 8](#)). In 2019, €179,000 (2018: €71,000) was recognised as provision for expected credit losses on trade receivables.

IFRS 15.117
IFRS 15.118

Contract assets relate to revenue earned from ongoing installation services. As such, the balances of this account vary and depend on the number of ongoing installation services at the end of the year. In 2019, €6,000 (2018: €5,000) was recognised as provision for expected credit losses on contract assets.

IFRS 15.117
IFRS 15.118

Contract liabilities include long-term advances received to deliver special fire prevention equipment and short-term advances received to render installation services as well as transaction price allocated to unexpired service warranties, and loyalty points not yet redeemed. The outstanding balances of these accounts increased in 2019 and 2018 due to the continuous increase in the Group's customer base ([Note 29](#)).

IFRS 15.117
IFRS 15.118

The significant increase in contract liabilities in 2019 was mainly due to the €2,200,000 long-term advances received from customers during the year. In 2019, €109,000 (2018: €62,000) was recognised as interest on long-term advances increasing the contract liabilities' balance ([Note 13.3](#)). The acquisition of a subsidiary also resulted in increase in contract liabilities of €428,000 in 2019 (2018: €Nil) ([Note 8](#)).

Set out below is the amount of revenue recognised from:

	2019	2018	
	€000	€000	
Amounts included in contract liabilities at the beginning of the year	2,486	1,836	IFRS 15.116(b)
Performance obligations satisfied in previous years	516	252	IFRS 15.116(c)

Notes to the consolidated financial statements

4. Revenue from contracts with customers *continued*

4.2 Contract balances *continued*

Commentary

IFRS 15.116 requires the disclosure of the opening balances of receivables, contract assets and contract liabilities from contracts with customers, if not otherwise separately presented or disclosed.

The Group disclosed its receivables arising from contracts with customers separately from other receivables. It will be necessary for entities that have material receivables from non-IFRS 15 contracts to separate these balances for disclosure purposes. For example, an entity may have accounts receivable relating to leasing contracts that would need to be disclosed separately from accounts receivable related to contracts with customers.

IFRS 15.116 also requires disclosure of 'revenue recognised in the reporting period that was included in the contract liability balance at the beginning of the period' and 'revenue recognised in the reporting period from performance obligations satisfied (or partially satisfied) in previous periods'. Entities can also present this in a tabular or narrative format.

The Group provided qualitative and quantitative disclosures of its contract balances and changes on those balances during the period. Entities are permitted to disclose information about contract balances, and changes therein, as they deem to be most appropriate, which would include a combination of tabular and narrative information.

4.3 Right of return assets and refund liabilities

	2019	2018	1 January 2018
	€000	€000	€000
Right of return assets	<u>1,124</u>	<u>929</u>	<u>856</u>
Refund liabilities			
Arising from retrospective volume rebates	4,658	4,504	2,904
Arising from rights of return	<u>1,584</u>	<u>1,340</u>	<u>892</u>
	<u>6,242</u>	<u>5,844</u>	<u>3,796</u>

IFRS
15.B21(c)

IFRS
15.B21(b)

4.4 Performance obligations

Information about the Group's performance obligations are summarised below:

IFRS 15.119

Fire prevention equipment

The performance obligation is satisfied upon delivery of the equipment and payment is generally due within 30 to 90 days from delivery.

The performance obligation to deliver fire prevention equipment with a manufacturing lead time of two years has two alternative payment options. The customer can pay the transaction price equal to the cash selling price upon delivery of the equipment or pay a lower transaction price upon signing the contract. There is a significant financing component for those contracts where the customer elected to pay in advance.

In some contracts, a one-year warranty beyond fixing the defects that existed at the time of sale is provided to customers. The warranty is accounted for as a separate performance obligation and a portion of the transaction price is allocated. The performance obligation for the warranty service is satisfied over the coverage period based on time elapsed.

Electronics equipment

The performance obligation is satisfied upon delivery of the equipment and payment is generally due within 30 to 90 days from delivery. Some contracts provide customers with a right of return and volume rebates which give rise to variable consideration subject to constraint.

Customers are entitled to loyalty points which results in allocation of a portion of the transaction price to the loyalty points. Revenue is recognised when the points are redeemed.

In addition, the Group updates its estimates of the points that will be redeemed on a quarterly basis and any adjustments to the contract liability balance are charged against revenue.

Installation services

The performance obligation is satisfied over-time and payment is generally due upon completion of installation and acceptance of the customer. In some contracts, short-term advances are required before the installation service is provided.

Notes to the consolidated financial statements

4. Revenue from contracts with customers *continued*

4.4 Performance obligations *continued*

Procurement services

There are contracts with customers to acquire, on their behalf, special fire prevention equipment produced by foreign suppliers. The Group is acting as agent in these arrangements. The performance obligation is satisfied and payment is due upon receipt of the equipment by the customer.

Commentary

IFRS 15 requires an entity to provide more descriptive information about its performance obligations. IFRS 15.119 requires an entity to include a description of all of the following:

- ▶ When the entity typically satisfies its performance obligations (for example, upon shipment, upon delivery, as services are rendered or upon completion of service), including when performance obligations are satisfied in a bill-and-hold arrangement
- ▶ The significant payment terms (for example, when payment is typically due, whether the contract has a significant financing component, whether the amount of consideration is variable and whether the estimate of variable consideration is typically constrained in accordance with IFRS15.56-58)
- ▶ The nature of the goods or services that the entity has promised to transfer, highlighting any performance obligations to arrange for another party to transfer goods or services (i.e., if the entity is acting as an agent)
- ▶ Obligations for returns, refunds and other similar obligations
- ▶ Types of warranties and related obligations

The Group provided this required information in this section of the notes. This is one way that entities can comply with the disclosure requirement of IFRS 15.119. Entities may also decide to disclose these required information as part of its disclosure of significant accounting policies. For illustrative purposes, most of the information included in this section of the notes was also included in the disclosure of significant accounting policies.

The transaction price allocated to the remaining performance obligations (unsatisfied or partially unsatisfied) is, as follows: IFRS 15.120

	31 December		1 January
	2019	2018	2018
	€000	€000	€000
Within one year	12,915	8,793	11,456
More than one year	7,216	2,152	3,450
	20,131	10,945	14,906

IFRS 15.120(b)(i)

The remaining performance obligations expected to be recognised in more than one year relate to the delivery of special fire prevention equipment that is to be satisfied within two years and the customer loyalty programme. The customer loyalty points have no expiration and redemptions can go beyond two years ([Note 29](#)). All the other remaining performance obligations are expected to be recognised within one year.

IFRS 15.120(b)(ii)

Commentary

As a practical expedient provided in IFRS 15.121, an entity can decide not to disclose the amount of the remaining performance obligations for contracts with original expected duration of less than one year or those that meet the requirements of the right to invoice practical expedient in IFRS 15.B16. If an entity uses this practical expedient, it is required to disclose that fact.

As an exemption provided in IFRS 1.D34, a first-time adopter may also use another practical expedient provided in IFRS 15.C5(d). For all reporting periods presented before the beginning of the first IFRS reporting period (i.e., 1 January 2019), an entity need not disclose the amount of the transaction price allocated to the remaining performance obligations and an explanation of when the entity expects to recognise that amount as revenue.

If a first-time adopter decides to apply the transition provisions, it must disclose all of the following information required in IFRS 15.C6:

- ▶ The expedients that have been used
- ▶ To the extent reasonably possible, a qualitative assessment of the estimated effect of applying each of those expedients

The Group used a quantitative approach to disclose information about remaining performance obligations and did not use this practical expedient.

Notes to the consolidated financial statements

5. Segment information

For management purposes, the Group is organised into business units based on its products and services and has three reportable segments, as follows:

IAS 1.138(b)
IFRS 8.22(a)
IFRS 8.22(b)

- ▶ The fire prevention equipment segment, which produces and installs extinguishers, fire prevention equipment and fire retardant fabrics
 - ▶ The electronics segment, which is a supplier of electronics equipment for defence, aviation, electrical safety markets and consumer electronic equipment for home use. It offers products and services in the areas of electronics, safety, thermal and electrical architecture
 - ▶ The investment properties segment, which leases offices and manufacturing sites owned by the Group
- No operating segments have been aggregated to form the above reportable operating segments.

Commentary

IFRS 8 *Operating Segments*, paragraph 22(a) requires entities to disclose factors used to identify the entity's reportable segments, including the basis of organisation, as well as factors considered in determining aggregation of operating segments. Operating segments often exhibit similar long-term financial performance if they have similar economic characteristics. For example, similar long-term average gross margins for two operating segments would be expected if their economic characteristics were similar. Two or more operating segments may be aggregated into a single operating segment if the segments have similar economic characteristics, and the segments are similar in each of the following respects:

- (a) The nature of the products and services
- (b) The nature of the production processes
- (c) The type or class of customer for their products and services
- (d) The methods used to distribute their products or provide their services
- (e) If applicable, the nature of the regulatory environment, for example, banking, insurance or public utilities

This analysis requires significant judgement as to the circumstances of the entity. The Group does not have any operating segments that are aggregated, but, if it had, disclosures about the basis for aggregation must be made.

The Executive Management Committee is the Chief Operating Decision Maker (CODM) and monitors the operating results of its business units separately for the purpose of making decisions about resource allocation and performance assessment. Segment performance is evaluated based on profit or loss and is measured consistently with profit or loss in the consolidated financial statements. However, the performance of Showers Limited, the Group's joint venture is evaluated using proportionate consolidation. Also, the Group's financing (including finance costs, finance income and other income) and income taxes are managed on a Group basis and are not allocated to operating segments. Transfer prices between operating segments are on an arm's length basis in a manner similar to transactions with third parties.

IFRS 8.27(b)

IFRS 8.27(a)

Year ended 31 December 2019	Fire prevention equipment	Electronics	Investment properties	Total segments	Adjustments and eliminations	Consolidated	
	€000	€000	€000	€000	€000	€000	
Revenue							
External customers	139,842	69,263	1,404	210,509	(30,047)	180,462	IFRS 8.23(a)
Inter-segment	–	7,465	–	7,465	(7,465)	–	IFRS 8.23(b)
Total revenue	139,842	76,728	1,404	217,974	(37,512)	180,462	
Income/(expenses)							
Cost of inventories recognised as an expense	(99,533)	(65,193)	–	(164,726)	33,619	(131,107)	IFRS 8.23(f)
Employee benefits expenses	(27,149)	(5,323)	(777)	(33,249)	(500)	(33,749)	IFRS 8.23(f)
Depreciation and amortisation	(3,852)	(489)	–	(4,341)	–	(4,341)	IFRS 8.23(e)
Goodwill impairment (Note 20)	–	(200)	–	(200)	–	(200)	IFRS 8.23(i)
Share of profit of an associate and a joint venture (Notes 10,11)	83	–	–	83	588	671	IFRS 8.23(g)
Segment profit	9,687	2,968	321	12,976	(1,868)	11,108	IFRS 8.23
Total assets	78,412	44,814	8,893	132,119	15,252	147,371	IFRS 8.23
Total liabilities	33,051	7,252	1,704	42,007	44,583	86,590	IFRS 8.23

Notes to the consolidated financial statements

5. Segment information continued

Year ended 31 December 2019	Fire prevention equipment	Electronics	Investment properties	Total segments	Adjustments and eliminations	Consolidated	
Other disclosures							
Investment in an associate and a joint venture (Notes 10 , 11)	3,187	–	–	3,187	–	3,187	IFRS 8.24(a)
Capital expenditure	7,325	2,842	1,216	11,383	–	11,383	IFRS 8.24(b)

Inter-segment revenues are eliminated upon consolidation and reflected in the 'adjustments and eliminations' column. All other adjustments and eliminations are part of detailed reconciliations presented further below.

Year ended 31 December 2018	Fire prevention equipment	Electronics	Investment properties	Total segments	Adjustments and eliminations	Consolidated	
	€000	€000	€000	€000	€000	€000	
Revenue							
External customers	121,905	66,621	1,377	189,903	(29,438)	160,465	IFRS 8.23(a)
Inter-segment	–	7,319	–	7,319	(7,319)	–	IFRS 8.23(b)
Total revenue	121,905	73,940	1,377	197,222	(36,757)	160,465	
Income/(expenses)							
Cost of inventories recognised as an expense	(95,642)	(58,616)	–	(154,258)	32,960	(121,298)	IFRS 8.23(f)
Employee benefits expenses	(19,199)	(8,400)	(702)	(28,301)	(850)	(29,151)	IFRS 8.23(f)
Depreciation and amortisation	(2,860)	(610)	–	(3,470)	(324)	(3,794)	IFRS 8.23(e)
Impairment of property, plant and equipment (Note 17)	(301)	–	–	(301)	–	(301)	IFRS 8.23(i) IAS 36.129
Share of profit of an associate and a joint venture (Notes 10 , 11)	81	–	–	81	557	638	IFRS 8.23(g)
Segment profit	4,387	5,396	314	10,097	(1,217)	8,880	IFRS 8.23
Total assets	61,747	40,409	7,983	110,139	526	110,665	IFRS 8.23
Total liabilities	30,167	4,066	1,688	35,921	28,902	64,823	IFRS 8.23
Other disclosures							
Investment in an associate and a joint venture (Notes 10 , 11)	2,516	–	–	2,516	–	2,516	IFRS 8.24(a)
Capital expenditure	4,068	3,513	1,192	8,773	–	8,773	IFRS 8.24(b)

As at 1 January 2018	Fire prevention equipment	Electronics	Investment properties	Total segments	Adjustments and eliminations	Consolidated	
	€000	€000	€000	€000	€000	€000	
Total assets	49,835	43,418	7,381	100,634	466	101,100	IFRS 8.23
Total liabilities	21,449	3,966	3,233	28,648	31,900	60,548	IFRS 8.23
Other disclosures							
Investment in an associate and a joint venture	1,878	–	–	1,878	–	–	IFRS 8.24(a)

Commentary

Additional disclosure may be required if the chief operating decision maker (CODM), which is the Executive Management Committee of the Group in the case of Good First-time Adopter (International) Limited, regularly reviews certain other items recorded in the statement of profit or loss, i.e., depreciation and amortisation, impairments and the share of profit in associates.

IFRS 8.23(f) requires an entity to disclose material items of income and expense disclosed in accordance with IAS 1.97. IAS 1.97 requires an entity to disclose separately the nature and amount of material items of income or expense. In order to fulfil requirements of IFRS 8.23(f), the Group disclosed for each reportable segments the following items of income or expenses that are included in the measure of the segment profit or loss reviewed by CODM: cost of inventories recognised as an expense; and employee benefits expenses.

Notes to the consolidated financial statements

5. Segment information *continued*

Adjustments and eliminations

Finance costs, finance income, other income, and fair value gains and losses on financial assets are not allocated to individual segments as the underlying instruments are managed on a group basis.

Current taxes, deferred taxes and certain financial assets and liabilities are not allocated to those segments as they are also managed on a group basis.

IFRS 8.28

Capital expenditure consists of additions of property, plant and equipment, intangible assets and investment properties including assets from the acquisition of subsidiaries. Inter-segment revenues are eliminated on consolidation.

Reconciliation of profit

	2019	2018	IFRS 8.28(b)
	€000	€000	
Segment profit	12,976	10,097	
Finance income (Note 13.4)	202	145	
Gain on derivative instruments at fair value through profit or loss (Note 13.1)	850	–	
Loss on derivative instruments at fair value through profit or loss (Note 13.2)	(1,502)	–	
Finance costs (Note 13.3)	(1,366)	(1,268)	
Other income (Note 13.5)	98	66	
Inter-segment sales (elimination)	(150)	(160)	
Profit before tax and discontinued operations	11,108	8,880	

IFRS 8.28(c)

Reconciliation of assets

	2019	2018	1 January 2018
	€000	€000	€000
Segment operating assets	132,119	110,139	100,634
Deferred tax assets (Note 15)	383	365	321
Loan to an associate (Note 21.1)	200	–	–
Loan to a director (Note 21.1)	13	8	8
Derivatives	1,102	153	137
Assets held for sale (Note 14)	13,554	–	–
Total assets	147,371	110,665	101,100

IFRS 8.28(d)

Reconciliation of liabilities

	2019	2018	1 January 2018
	€000	€000	€000
Segment operating liabilities	42,007	35,921	28,648
Deferred tax liabilities (Note 15)	2,454	607	780
Current tax payable	3,511	3,563	4,625
Interest-bearing loans and borrowing	22,806	24,478	26,192
Derivatives	2,687	254	303
Liabilities held for sale (Note 14)	13,125	–	–
Total liabilities	86,590	64,823	60,548

IFRS 8.33(a)

Geographic information

	2019	2018
	€000	€000
Revenue from external customers		
Euroland	128,238	112,584
United States	52,224	47,881
Total	180,462	160,465

The revenue information above is based on the locations of the customers.

IFRS 8.34

Revenue from one customer amounted to €25,521,000 (2018: €21,263,000), arising from sales in the fire prevention equipment segment.

IFRS 8.33(b)

Notes to the consolidated financial statements

5. Segment information continued

	2019	2018	1 January 2018	IFRS 8.33(a)
	€000	€000	€000	
Non-current operating assets				
Euroland	40,934	29,684	24,020	
United States	9,865	7,821	7,040	
Total	50,799	37,505	31,060	

Non-current assets for this purpose consist of property, plant and equipment, right-of-use assets, investment properties and intangible assets.

Commentary

Interest income and interest expense have not been disclosed by segment as these items are managed on a group basis, and are not provided to the CODM at the operating segment level. Disclosure of operating segment assets and liabilities is only required when such measures are provided to the CODM. The Group provides information about operating assets and liabilities to the CODM. The other operations (e.g., treasury) do not constitute an individual operating segment and may be presented under a separate category 'all other segments' (IFRS 8.16). The results of these operations are reflected in 'Adjustments and eliminations'.

The Group's internal reporting is set up to report in accordance with IFRS. The segment disclosures could be significantly more extensive if internal reports had been prepared on a basis other than IFRS (e.g. national GAAP or tax basis). In this case, a reconciliation between the internally reported items and the externally communicated items needs to be presented.

The Group has classified an operating segment as a discontinued operation in 2019. IFRS 8 does not provide guidance as to whether segment disclosures apply to discontinued operations. Although the disposed segment is material, the Group has not disclosed the results within the segment disclosures under IFRS 8. Paragraph 5B of IFRS 5 *Non-current Assets Held for Sale and Discontinued Operations* states that the requirements of other standards do not apply to discontinued operations, unless they specify disclosures applicable to them. Since IFRS 8 does not refer to discontinued operations, entities are not required to include them as a reportable segment. This would be the case even if the CODM continued to monitor the discontinued operation until disposal. Nevertheless, an entity would not be prohibited from disclosing such information, if desired.

The Group's CODM regularly reviews the segment information related to the joint venture based on its proportionate share of revenue, profits, assets and liabilities to make decisions about resources to be allocated to the segment and assess its performance. However, as required by IFRS 11, the Group's interest in the joint venture is accounted for in the consolidated financial statements using the equity method. The eliminations arising on account of differences between proportionate consolidation and equity method are included under 'Adjustments and eliminations'.

6. Capital management

For the purpose of the Group's capital management, capital includes issued capital, convertible preference shares, share premium and all other equity reserves attributable to the equity holders of the parent. The primary objective of the Group's capital management is to maximise the shareholder value.

IAS 1.134
IAS 1.135

The Group manages its capital structure and makes adjustments in light of changes in economic conditions and the requirements of the financial covenants. To maintain or adjust the capital structure, the Group may adjust the dividend payment to shareholders, return capital to shareholders or issue new shares. The Group monitors capital using a gearing ratio, which is 'net debt' divided by total capital plus net debt. The Group's policy is to keep the gearing ratio between 20% and 40%. The Group includes within net debt, interest bearing loans and borrowings, trade and other payables, less cash and short-term deposits, excluding discontinued operations.

	2019	2018	1 January 2018
	€000	€000	€000
Interest-bearing loans and borrowings other than convertible preference shares (Note 21.2)	22,201	23,811	23,670
Trade and other payables (Note 30)	16,969	20,023	18,248
Less: cash and short-term deposits (Note 24)	(17,528)	(14,916)	(11,066)
Net debt	21,642	28,918	30,852

Notes to the consolidated financial statements

6. Capital management *continued*

	2019	2018	1 January 2018
	€000	€000	€000
Convertible preference shares (Note 21.2)	2,778	2,644	2,522
Equity	58,371	45,102	40,344
Total capital	61,149	47,746	42,866
Capital and net debt	82,791	76,664	73,718
Gearing ratio	26%	38%	42%

In order to achieve this overall objective, the Group's capital management, among other things, aims to ensure that it meets financial covenants attached to the interest-bearing loans and borrowings that define capital structure requirements. Breaches in meeting the financial covenants would permit the bank to immediately call loans and borrowings. There have been no breaches of the financial covenants of any interest-bearing loans and borrowing in the current period.

No changes were made in the objectives, policies or processes for managing capital during the years ended 31 December 2019 and 2018.

Commentary

IAS 1.134-135 require entities to make qualitative and quantitative disclosures regarding their objectives, policies and processes for managing capital. The Group has disclosed its gearing ratio as this is the measure it uses to monitor capital. The Group considers both capital and net debt as relevant components of funding, hence, part of its capital management. However, other measures or a different type of gearing ratio may be more suitable for other entities.

Paragraph 18-19 of IFRS 7 *Financial Instruments: Disclosures* require disclosures in the event of a default or breaches as at the end of a reporting period and during the year. Although there are no explicit requirements addressing the opposite situation, the Group has disclosed the restriction on capital represented by financial covenants as it considers it relevant information to the users of the financial statements. The Group did not provide additional information on its debt covenants because the likelihood of the breach occurring is remote.

7. Group information

Subsidiaries

The consolidated financial statements of the Group include:

IAS 24.13
IFRS 12.10(a)
IFRS 12.12(a)
IFRS 12.12(b)

Name	Principal activities	Country of incorporation	% equity interest		1 January 2018
			2019	2018	2018
Extinguishers Limited	Fire prevention equipment	Euroland	80	–	–
Bright Sparks Limited	Fire prevention equipment	Euroland	95	95	95
Fire Equipment Test Lab Limited	Fire prevention equipment	Euroland	100*	–	– IFRS 12.9
Wireworks Inc.	Fire prevention equipment	United States	98	98	98
Sprinklers Inc.	Fire prevention equipment	United States	100	100	100
Lightbulbs Limited	Electronics	Euroland	87.4	80	–
Hose Limited	Rubber equipment	Euroland	100	100	100
Electronics Limited	Electronics	Euroland	48**	48	48 IFRS 12.9

* Good First-time Adopter (International) Limited holds 20% of the equity in Fire Equipment Test Lab Limited, but consolidates 100% of this entity. See [Note 3](#) for details on interest held in Fire Equipment Test Lab Limited.

** Good First-time Adopter (International) Limited consolidates this entity based on de facto control. See [Note 3](#) for more details.

Notes to the consolidated financial statements

7. Group information continued

The holding company

The immediate and ultimate holding company of the Good First-time Adopter (International) Limited is S.J. Limited which owns 58.22% (2018: 57.55%, 1 January 2018: 57.55%) of its ordinary shares is based and listed in Euroland.

IAS 1.138(c)
IAS 24.13

Entity with significant influence over the Group

International Fires P.L.C. owns 31.48% of the ordinary shares in Good First-time Adopter (International) Limited (2018: 31.48%, 1 January 2018: 31.48%).

Associate

The Group has a 25% interest in Power Works Limited (2018: 25%, 1 January 2018: 25%). For more details, refer to [Note 11](#).

Joint arrangement in which the Group is a joint venturer

The Group has a 50% interest in Showers Limited (2018: 50%, 1 January 2018: 50%). For more details, refer to [Note 10](#).

Commentary

IFRS 12.10(a) requires entities to disclose information about the composition of the group. The list above discloses information about the Group's subsidiaries. Entities need to note that this disclosure is required for material subsidiaries only, rather than a full list of every subsidiary. The above illustrates one example as to how the requirements set out in IFRS 12 can be met. However, local legislation or listing requirements may require disclosure of a full list of all subsidiaries, whether material or not.

8. Business combinations and acquisition of non-controlling interests

Acquisitions in 2019

IFRS 3.59-60

Acquisition of Extinguishers Limited

On 1 May 2019, the Group acquired 80% of the voting shares of Extinguishers Limited, a non-listed company based in Euroland and specialising in the manufacture of fire retardant fabrics, in exchange for the Company's shares. The Group acquired Extinguishers Limited because it significantly enlarges the range of products in the fire prevention equipment segment that can be offered to its clients.

IFRS 3.B64(a)
IFRS 3.B64(b)
IFRS 3.B64(c)
IFRS 3.B64(d)

The Group has elected to measure the non-controlling interests in the acquiree at fair value.

IFRS 3.B64(o)(i)

Assets acquired and liabilities assumed

The fair values of the identifiable assets and liabilities of Extinguishers Limited as at the date of acquisition were:

	Fair value recognised on acquisition	
	€000	
Assets		
Property, plant and equipment (Note 17)	7,042	
Right-of-use assets (Note 31)	248	
Cash and cash equivalents	230	IAS 7.40(c)
Trade receivables (Note 4)	1,716	
Inventories	3,330	
Patents and licences (Note 19)	1,200	
	13,766	
Liabilities		
Trade payables	(1,901)	
Lease liabilities (Note 31)	(213)	
Contract liabilities (Note 4)	(428)	
Contingent liability (Note 27)	(380)	
Provision for restructuring (Note 27)	(900)	
Provision for decommissioning costs (Note 27)	(1,200)	
Deferred tax liability (Note 15)	(1,511)	
	(6,533)	
Total identifiable net assets at fair value	7,233	
Non-controlling interest measured at fair value	(1,547)	IFRS 3.B64(o)(i)
Goodwill arising on acquisition (Note 19)	2,231	
Purchase consideration transferred	7,917	IAS 7.40(a)

Notes to the consolidated financial statements

8. Business combinations and acquisition of non-controlling interests *continued*

The fair value of the trade receivables amounts to €1,716,000. The gross amount of trade receivables is €1,754,000 and it is expected that the full contractual amounts can be collected.

IFRS 3.B64(h)

The Group measured the acquired lease liabilities using the present value of the remaining lease payments at the date of acquisition. The right-of-use assets were measured at an amount equal to the lease liabilities and adjusted to reflect the favourable terms of the lease relative to market terms.

IFRS 3.28B

Commentary

IFRS 3.28B requires the lease liability to be measured at the present value of the remaining lease payments as if the acquired lease were a new lease at the acquisition date. That is, the acquirer applies IFRS 16's initial measurement provisions using the present value of the remaining lease payments at the acquisition date. The right-of-use asset is measured at an amount equal to the lease liability, adjusted to reflect the favourable or unfavourable terms of the lease when compared with market terms. Because the off-market nature of the lease is captured in the right-of-use asset, the acquirer does not separately recognise an intangible asset or liability for favourable or unfavourable lease terms relative to market.

Prior to the acquisition, Extinguishers Limited decided to eliminate certain product lines (further details are given in [Note 27](#)). The restructuring provision recognised was a present obligation of Extinguishers Limited immediately prior to the business combination. The execution of the restructuring plan was not conditional upon it being acquired by the Group.

The deferred tax liability mainly comprises the tax effect of the accelerated depreciation for tax purposes of tangible and intangible assets.

The goodwill of €2,231,000 comprises the value of expected synergies arising from the acquisition and a customer list, which is not separately recognised. Goodwill is allocated entirely to the fire prevention segment. Due to the contractual terms imposed on acquisition, the customer list is not separable. Therefore, it does not meet the criteria for recognition as an intangible asset under IAS 38. None of the goodwill recognised is expected to be deductible for income tax purposes.

IFRS 3.B64(e)

IFRS 3.B64(k)

A contingent liability at fair value of €380,000 was recognised at the acquisition date resulting from a claim of a supplier whose shipment was rejected and payment was refused by the Group due to deviations from the defined technical specifications of the goods. The claim is subject to legal arbitration and is only expected to be finalised in late 2020. As at the reporting date, the contingent liability was re-assessed and is determined to be €400,000, based on the expected probable outcome (see [Note 27](#)). The charge to profit or loss has been recognised.

IFRS 3.B64(j)

IFRS 3.56(a)

IAS 37.85

The fair value of the non-controlling interest in Extinguishers Limited, a non-listed company, has been estimated by applying a discounted earnings technique. The fair value measurements are based on significant inputs that are not observable in the market. The fair value estimate is based on:

IFRS 3.B64(o)(xii)

- ▶ An assumed discount rate of 14%
- ▶ A terminal value, calculated based on long-term sustainable growth rates for the industry ranging from 2% to 4%, which has been used to determine income for the future years
- ▶ A reinvestment ratio of 60% of earnings

From the date of acquisition, Extinguishers Limited contributed €17,857,000 of revenue and €750,000 to profit before tax from continuing operations of the Group. If the combination had taken place at the beginning of the year, revenue from continuing operations would have been €22,582,000 and profit before tax from continuing operations for the Group would have been €1,285,000.

IFRS 3.B64(q)(i)

IFRS 3.B64(q)(ii)

Purchase consideration

Shares issued, at fair value

Contingent consideration liability

€000

7,203

IFRS 3.B64(f)(iv)

714

IFRS

3.B64(f)(iii)

7,917

IAS 7.40(a)

Total consideration

Analysis of cash flows on acquisition:

Transaction costs of the acquisition (included in cash flows from operating activities)

(600)

Net cash acquired with the subsidiary (included in cash flows from investing activities)

230

IAS 7.40(c)

Transaction costs attributable to issuance of shares (included in cash flows from financing activities, net of tax)

(32)

Net cash flow on acquisition

(402)

Notes to the consolidated financial statements

8. Business combinations and acquisition of non-controlling interests *continued*

The Company issued 2,500,000 ordinary shares as consideration for the 80% interest in Extinguishers Limited. The fair value of the shares is calculated with reference to the quoted price of the shares of the Company at the date of acquisition, which was €2.88 per share. The fair value of the consideration given was therefore €7,203,000.

IFRS 3.B64(f)(iv)

Transaction costs of €600,000 were expensed and are included in administrative expenses. The attributable costs of the issuance of the shares of €32,000 have been charged directly to equity as a reduction in share premium.

IFRS 3.B64(m)

Contingent consideration

As part of the purchase agreement with the previous owner of Extinguishers Limited, a contingent consideration has been agreed. There will be additional cash payments to the previous owners of Extinguishers Limited of:

IFRS 3.B64 (g)(ii)
IFRS 13.93(h)(ii)

a) €675,000, if the entity generates up to €1,500,000 of profit before tax in a 12-month period after the acquisition date

IFRS 3.B64 (g)(iii)
IFRS 3.B64 (g)(i)

Or

IFRS 3.58 (b)(i)

b) €1,125,000, if the entity generates €1,500,000 or more of profit before tax in a 12-month period after the acquisition date

IFRS 13.93(d)

As at the acquisition date, the fair value of the contingent consideration was estimated to be €714,000.

As at 31 December 2019, the key performance indicators of Extinguishers Limited show that it is highly probable that the target will be achieved due to a significant expansion of the business and the synergies realised. The fair value of the contingent consideration determined at 31 December 2019 reflects this development, among other factors and a remeasurement charge has been recognised through profit or loss. The fair value is determined using a DCF method. The significant unobservable inputs used in the fair value measurements, together with a quantitative sensitivity analysis as at 31 December 2019 are provided in [Note 21.4](#). A reconciliation of fair value measurement of the contingent consideration liability is provided below:

	€000	
As at 1 January 2019	—	IFRS 13.93(e)
Liability arising on business combination	714	
Unrealised fair value changes recognised in profit or loss	358	IFRS 13.93(f)
As at 31 December 2019	1,072	

The fair value of the contingent consideration liability increased due to a significantly improved performance of Extinguishers Limited compared with the budget. The contingent consideration liability is due for final measurement and payment to the former shareholders on 30 September 2020.

Commentary

The classification of a contingent consideration requires an analysis of the individual facts and circumstances. It may be classified as follows: equity or a financial liability in accordance with IAS 32 and IFRS 9; a provision in accordance with IAS 37; or in accordance with other standards, each resulting in different initial recognition and subsequent measurement. The Group has determined that it has a contractual obligation to deliver cash to the seller and therefore it has assessed it to be a financial liability (IAS 32.11). Consequently, the Group is required to remeasure that liability at fair value at each reporting date with changes in fair value recognised in profit or loss in accordance with IFRS 9 (IFRS 3.58(b)(i)).

As part of the business combination, contingent payments to employees or selling shareholders are common methods of retention of key people for the combined entity. The nature of such contingent payments, however, needs to be evaluated in each individual circumstance as not all such payments qualify as contingent consideration, but are accounted for as a separate transaction. For example, contingent payments that are unrelated to the future service of the employee are deemed contingent consideration, whereas contingent payments that are forfeited when the employment is terminated are deemed remuneration. Paragraphs B54–B55 of IFRS 3 (in connection with IFRS 3.51, 52(b)) provide further guidance.

When first-time adopters elect the IFRS 1 business combinations exemption from the full retrospective application of IFRS 3, they should be reminded that they are still required to recognise the fair value of any contingent consideration relating to past business combinations at the date of transition if they had not done so under previous GAAP. This is because the business combinations exemption in IFRS 1 does not override the requirements of IAS 32, IAS 37 and IFRS 9 and an entity accounts for contingent consideration under one or more of those standards.

Notes to the consolidated financial statements

8. Business combinations and acquisition of non-controlling interests *continued*

Acquisition of additional interest in Lightbulbs Limited

On 1 October 2019, the Group acquired an additional 7.4% interest in the voting shares of Lightbulbs Limited, increasing its ownership interest to 87.4%. Cash consideration of €325,000 was paid to the non-controlling shareholders. The carrying value of the net assets of Lightbulbs Limited (excluding goodwill on the original acquisition) was €1,824,000. Following is a schedule of additional interest acquired in Lightbulbs Limited:

IFRS10.B96
IFRS12.18
IFRS12.10(b)(iii)

	€000
Cash consideration paid to non-controlling shareholders	325
Carrying value of the additional interest in Lightbulbs Limited	(135)
Difference recognised in retained earnings	190

Acquisitions in 2018

On 1 December 2018, the Group acquired 80% of the voting shares of Lightbulbs Limited, a company based in Euroland, specialising in the production and distribution of lightbulbs. The Group acquired this business to enlarge the range of products in the electronics segment. The Group elected to measure the non-controlling interest in the acquiree at the proportionate share of its interest in the acquiree's identifiable net assets.

IFRS 3.59
IFRS 3.B64(a)
IFRS 3.B64(b)
IFRS 3.B64(c)
IFRS 3.B64(d)
IFRS 3.B64(o)(i)

The fair value of the identifiable assets and liabilities of Lightbulbs Limited as at the date of acquisition were:

	Fair value recognised on acquisition	
	€000	
Land and buildings (Note 17)	1,280	
Cash and cash equivalents	50	IAS 7.40(c)
Trade receivables (Note 4)	853	
Inventories	765	
Total assets	2,948	
Trade payables	(807)	
Deferred tax liability (Note 15)	(380)	
Provision for maintenance warranties	(50)	
Total liabilities	(1,237)	
Total identifiable net assets at fair value	1,711	
Non-controlling interest (20% of net assets)	(342)	
Goodwill arising on acquisition (Note 19)	131	
Purchase consideration transferred	1,500	IAS 7.40(a)
	Cash flow on acquisition	
	€000	
Net cash acquired with the subsidiary	50	IAS 7.40(b)
Cash paid	(1,500)	IAS 7.40(c)
Net cash flow on acquisition	(1,450)	IFRS 3.B64(f)(i)

The net assets recognised in the 31 December 2018 financial statements were based on a provisional assessment of their fair value while the Group sought an independent valuation for the land and buildings owned by Lightbulbs Limited. The valuation had not been completed by the date the 2018 financial statements were approved for issue by the Board of Directors.

IFRS 3.45
IFRS 3.B67(a)(i)
IFRS 3.B67(a)(ii)

Notes to the consolidated financial statements

8. Business combinations and acquisition of non-controlling interests continued

In April 2019, the valuation was completed and the acquisition date fair value of the land and buildings was €1,280,000, an increase of €200,000 over the provisional value. The 2018 comparative information was restated to reflect the adjustment to the provisional amounts. As a result, there was an increase in the deferred tax liability of €60,000 and an increase in the non-controlling interest of €28,000. There was also a corresponding reduction in goodwill of €112,000, resulting in €131,000 of total goodwill arising on the acquisition. The increased depreciation charge on the buildings from the acquisition date to 31 December 2018 was not material.

IFRS 3.49
IFRS3.B67(a)(iii)

From the date of acquisition, Lightbulbs Limited contributed €476,000 of revenue and €20,000 to profit before tax from continuing operations of the Group. If the combination had taken place at the beginning of 2018, the Group's revenue from continuing operations would have been €19,078,000 and the profit before tax from continuing operations would have been €785,000.

IFRS 3.B64(q)

The goodwill of €131,000 comprises the fair value of expected synergies arising from acquisition.

IFRS 3.B64(e)

Commentary

In the 2018 business combination, the Group elected to value the non-controlling interest using its proportionate share of the acquiree's identifiable net assets. In the 2019 business combination, the Group elected to value the non-controlling interest at fair value. This election can be made separately for each business combination, and is not a policy choice that determines an accounting treatment for all business combinations the Group will carry out (IFRS 3.19).

IFRS 1 includes an optional exemption from restating business combinations that occurred prior to the date of transition to IFRS. However, this exemption does not extend to business combinations that occurred after the date of transition to IFRS but within the comparative period. Accordingly, business combinations in the comparative period have been restated to comply with IFRS 3.

9. Material partly-owned subsidiaries

Financial information of subsidiaries that have material non-controlling interests is provided below:

IFRS12.10(ii)
IFRS12.12

Proportion of equity interest held by non-controlling interests:

Name	Country of incorporation and operation	2019	2018	1 January 2018
Electronics Limited	Euroland	52%	52%	52%
Extinguishers Limited	Euroland	20%	–	–
Lightbulbs Limited	Euroland	12.6%	20%	–

	2019	2018	1 January 2018
	€000	€000	€000

IFRS
12.12(f)
IFRS12.B10

Accumulated balances of material non-controlling interest:

Electronics Limited	490	277	134
Extinguishers Limited	1,696	–	–
Lightbulbs Limited	263	344	–

Profit allocated to material non-controlling interest:

Electronics Limited	243	192	61
Extinguishers Limited	149	–	–
Lightbulbs Limited	54	2	–

The summarised financial information of these subsidiaries is provided below. This information is based on amounts before inter-company eliminations.

IFRS 12.B11
IFRS 12.12(g)
IFRS 12.B10

Summarised statement of profit or loss for 2019:

	Electronics Limited	Extinguishers Limited	Lightbulbs Limited
	€000	€000	€000
Revenue from contracts with customers	2,546	17,857	5,748
Cost of sales	(1,450)	(15,678)	(4,090)
Administrative expenses	(354)	(1,364)	(1,020)
Finance costs	(250)	(65)	(132)
Profit before tax	492	750	506

Notes to the consolidated financial statements

9. Material partly-owned subsidiaries *continued*

	Electronics Limited	Extinguishers Limited	Lightbulbs Limited
	€000	€000	€000
Income tax	(25)	(6)	(80)
Profit for the year from continuing operations	467	744	426
Total comprehensive income	467	744	426
Attributable to non-controlling interests	243	149	54
Dividends paid to non-controlling interests	30	–	–

Summarised statement of profit or loss for 2018:

IFRS 12.B11
IFRS 12.12(g)
IFRS 12.B10

	Electronics Limited	Lightbulbs Limited
	€000	€000
Revenue from contracts with customers	2,100	476
Cost of sales	(1,250)	(360)
Administrative expenses	(150)	(85)
Finance costs	(350)	(11)
Profit before tax	350	20
Income tax	20	(8)
Profit for the year from continuing operations	370	12
Total comprehensive income	370	12
Attributable to non-controlling interests	192	2
Dividends paid to non-controlling interests	49	–

Summarised statement of financial position as at 31 December 2019:

	Electronics Limited	Extinguishers Limited	Lightbulbs Limited
	€000	€000	€000
Inventories and cash and bank balances (current)	971	7,043	2,348
Property, plant and equipment and other non-current assets (non-current)	1,408	10,273	1,409
Trade and other payables (current)	(417)	(5,822)	(1,182)
Interest-bearing loans and borrowing and deferred tax liabilities (non-current)	(1,019)	(3,016)	(485)
Total equity	943	8,478	2,090
Attributable to:			
Equity holders of parent	453	6,782	1,827
Non-controlling interest	490	1,696	263

Summarised statement of financial position as at 31 December 2018:

	Electronics Limited	Lightbulbs Limited
	€000	€000
Inventories and cash and bank balances (current)	698	1,668
Property, plant and equipment and other non-current assets (non-current)	1,280	1,359
Trade and other payables (current)	(350)	(822)
Interest-bearing loans and borrowing and deferred tax liabilities (non-current)	(1,095)	(485)
Total equity	533	1,720
Attributable to:		
Equity holders of parent	256	1,376
Non-controlling interest	277	344

Notes to the consolidated financial statements

9. Material partly-owned subsidiaries *continued*

Summarised statement of financial position as at 1 January 2018:

	Electronics Limited
	€000
Inventories and cash and bank balances (current)	849
Property, plant and equipment and other non-current assets (non-current)	1,350
Trade and other payables (current)	(1,042)
Interest-bearing loans and borrowing and deferred tax liabilities (non-current)	(900)
Total equity	257
Attributable to:	
Equity holders of parent	123
Non-controlling interest	134

Summarised cash flow information for year ended 31 December 2019:

	Electronics Limited	Extinguishers Limited	Lightbulbs Limited
	€000	€000	€000
Operating	507	809	558
Investing	(15)	(280)	6
Financing	(250)	(65)	(132)
Net increase in cash and cash equivalents	242	464	432

Summarised cash flow information for year ended 31 December 2018:

	Electronics Limited	Lightbulbs Limited
	€000	€000
Operating	460	23
Investing	(10)	(20)
Financing	(350)	(11)
Net increase/(decrease) in cash and cash equivalents	100	(8)

Commentary

IFRS 12.12 requires the above information only in respect of subsidiaries that have non-controlling interests that are material to the reporting entity (i.e., the Group). A subsidiary may have significant non-controlling interest *per se* but disclosure is not required if that interest is not material at the Group level. Similarly, these disclosures do not apply to the non-controlling interests that are material in aggregate but not individually. In addition, it should be noted that the above information should be provided separately for each individual subsidiary with a material non-controlling interest. The Group has concluded that Extinguishers Limited, Lightbulb Limited and Electronics Limited are the only subsidiaries with non-controlling interests that are material to the Group.

When there is a change in the ownership of a subsidiary, IFRS 12.18 requires disclosure of a schedule that shows the effects on equity of any changes in its ownership interest in the subsidiary that did not result in a loss of control. When there are significant restrictions on the Group's or its subsidiaries' ability to access or use the assets and settle the liabilities of the Group, IFRS 12.13 requires disclosure of the nature and extent of significant restrictions. The Group did not have any such restrictions.

IFRS 12.10 (b) (iv) requires disclosure of information to enable the users to evaluate the consequences of losing control of a subsidiary during the period. The Group did not lose control over a subsidiary during the period.

Notes to the consolidated financial statements

10. Interest in a joint venture

The Group has a 50% interest in Showers Limited, a joint venture involved in the manufacture of some of the Group's main product lines in fire prevention equipment in Euroland. The Group's interest in Showers Limited is accounted for using the equity method in the consolidated financial statements. Summarised financial information of the joint venture, based on its IFRS financial statements, and reconciliation with the carrying amount of the investment in the consolidated financial statements are set out below:

IFRS 12.20
IFRS 12.21
IFRS 12.B14

Summarised statement of financial position of Showers Limited:

	2019	2018	1 January 2018	
	€000	€000	€000	
Current assets, including cash and cash equivalents €989,000 (2018: €743,000, 1 January 2018: €715,000) and prepayments €1,030,000 (2018: €Nil, 1 January 2018: €Nil)	3,226	2,808	2,096	IFRS 12.B12 IFRS 12.B13
Non-current assets	2,864	2,964	2,490	
Current liabilities, including tax payable €89,000 (2018: €143,000, 1 January 2018: €189,000)	(224)	(1,102)	(1,530)	
Non-current liabilities, including deferred tax liabilities €278,000 (2018: €325,000, 1 January 2018: €555,000) and long-term borrowing €500,000 (2018: €500,000, 1 January 2018: €500,000)	(1,020)	(1,000)	(500)	
Equity	4,846	3,670	2,556	
Group's share in equity - 50% (2018: 50%)	2,423	1,835	1,278	
Goodwill	–	–	–	
Group's carrying amount of the investment	2,423	1,835	1,278	IFRS 12.B14(b)

Summarised statement of profit or loss of Showers Limited:

	2019	2018	
	€000	€000	
Revenue from contracts with customers	60,094	58,876	
Cost of sales	(54,488)	(53,420)	
Administrative expenses, including depreciation €1,236,000 (2018: €1,235,000)	(2,638)	(2,586)	IFRS 12.B13
Finance costs, including interest expense €204,000 (2018: €150,000)	(204)	(200)	IFRS 12.B13
Profit before tax	2,764	2,670	
Income tax expense	(1,588)	(1,556)	IFRS 12.B13
Profit for the year (continuing operations)	1,176	1,114	
Total comprehensive income for the year (continuing operations)	1,176	1,114	IFRS 12.B12(b)
Group's share of profit for the year	588	557	

The joint venture had no other contingent liabilities or commitments as at 31 December 2019 and 2018 and 1 January 2018, except trade purchase commitments of €620,000 (2018: €1,032,000, 1 January 2018: €932,000), for which the Group has a corresponding commitment, as disclosed in [Note 34](#). Showers Limited cannot distribute its profits without the consent from the two venture partners.

IFRS 12.22 (a)
IFRS 12.23(a)
IFRS 12.B18-B19

Commentary

IFRS 12 *Disclosure of Interests in Other Entities*, paragraph B14 requires separate presentation of goodwill and other adjustments to the investments in joint ventures and associates in the above reconciliation. The Group does not have goodwill or other adjustments.

IFRS 12.21(a) requires the separate disclosure of information for joint operations, as it relates to all types of joint arrangements. The Group does not have any joint operations.

The Group has presented the summarised financial information of the joint venture based on its IFRS financial statements. IFRS 12.B15 allows this information to be provided using alternative bases, if the entity measures its interest in the joint venture or associate at fair value, and if the joint venture or associate does not prepare IFRS financial statements and preparation on that basis would be impracticable or cause undue cost. Applying both the impracticable and undue cost thresholds involves significant judgement and must be carefully considered in the context of the specific facts and circumstances. In either case, the entity is required to disclose the basis on which the information is provided.

Notes to the consolidated financial statements

10. Interest in a joint venture *continued*

IFRS 12.22(b) requires additional disclosures when the financial statements of the joint venture or associate used in applying equity method are as of a different date or for a different period from that of the entity. This is not applicable to the Group.

IFRS 12.22(c) requires disclosure of unrecognised share of losses of a joint venture and associate. This is not applicable to the Group.

11. Investment in an associate

The Group has a 25% interest in Power Works Limited, which is involved in the manufacture of fire prevention equipment for power stations in Euroland. Power Works Limited is a private entity that is not listed on any public exchange. The Group's interest in Power Works Limited is accounted for using the equity method in the consolidated financial statements. The following table illustrates the summarised financial information of the Group's investment in Power Works Limited:

IFRS 12.20
IFRS 12.21(a)

	2019	2018	1 January 2018	
	€000	€000	€000	IFRS 12.B12
Current assets	6,524	6,324	6,000	
Non-current assets	13,664	12,828	12,504	
Current liabilities	(4,488)	(3,904)	(3,684)	
Non-current liabilities	(12,644)	(12,524)	(12,424)	
Equity	3,056	2,724	2,400	
Group's share in equity - 25% (2018: 25%)	764	681	600	
Goodwill	–	–	–	
Group's carrying amount of the investment	764	681	600	

	2019	2018	
	€000	€000	
Revenue from contracts with customers	33,292	32,640	
Cost of sales	(27,299)	(26,765)	
Administrative expenses	(1,665)	(1,632)	
Finance costs	(2,996)	(2,938)	
Profit before tax	1,332	1,305	
Income tax expense	(1,000)	(981)	
Profit for the year (continuing operations)	332	324	
Other comprehensive loss that may be reclassified to profit or loss in subsequent periods, net of tax	(120)	–	
Other comprehensive income that will not be reclassified to profit or loss in the subsequent periods, net of tax	120	–	
Total comprehensive income for the year (continuing operations)	332	324	IFRS 12.B12(b)
Group's share of profit for the year	83	81	

The associate requires the Group's consent to distribute its profits. The Group does not foresee giving such consent at the reporting date.

IFRS12.22(a)

The associate had no contingent liabilities or capital commitments as at 31 December 2019 and 2018 and 1 January 2018.

IFRS 12.23

Commentary

IFRS 12.21(c) and IFRS 12.B16 require disclosure of the aggregated information of associates and joint ventures that are accounted for using the equity method and are not individually material. The Group did not have any immaterial associates or joint ventures.

The Group has presented the summarised financial information of the associate based on its IFRS financial statements. IFRS 12.B15 allows this information to be provided using alternative bases.

Notes to the consolidated financial statements

12. Fair value measurement

The following table provides the fair value measurement hierarchy of the Group's assets and liabilities.

Fair value measurement hierarchy for assets as at 31 December 2019:

IFRS 13.91(a)
IFRS 13.93(a)

IFRS 13.93(b)
IFRS 13.97

		Fair value measurement using			
			Quoted prices in active markets (Level 1)	Significant observable inputs (Level 2)	Significant unobservable inputs (Level 3)
	Date of valuation	Total €000	€000	€000	€000
Assets measured at fair value:					
Investment properties (Note 18):					
Office properties	31 December 2019	4,260	–	–	4,260
Retail properties	31 December 2019	4,633	–	–	4,633
Derivative financial assets (Note 21.4):					
Foreign exchange forward contracts – US dollars	31 December 2019	492	–	492	–
Foreign exchange forward contracts – GB pounds sterling	31 December 2019	400	–	400	–
Embedded foreign exchange derivatives – Canadian dollars	31 December 2019	210	–	–	210
Listed equity investments (Note 21.4):					
Power sector	31 December 2019	219	219	–	–
Telecommunications sector	31 December 2019	118	118	–	–
Non-listed equity investments (Note 21.4):					
Power sector	31 December 2019	675	–	–	675
Electronics sector	31 December 2019	363	–	–	363
Quoted debt instruments (Note 21.4):					
Euroland government bonds	31 December 2019	1,378	1,378	–	–
Corporate bonds – consumer products sector	31 December 2019	92	92	–	–
Corporate bonds – technology sector	31 December 2019	152	152	–	–
Revalued property, plant and equipment (Note 17):					
Office properties in Euroland	31 December 2019	1,749	–	–	1,749
Discontinued operations (Note 14)	1 October 2019	2,751	–	–	2,751
Assets for which fair values are disclosed (Note 21.4):					
Loan at amortised cost					
Loan to an associate	31 December 2019	197	–	–	197
Loan to a director	31 December 2019	11	–	–	11

There were no transfers between Level 1 and Level 2 during 2019.

IFRS 13.9(c)

Notes to the consolidated financial statements

12. Fair value measurement *continued*

Fair value measurement hierarchy for liabilities as at 31 December 2019:

		Fair value measurement using			
			Quoted prices in active markets (Level 1)	Significant observable inputs (Level 2)	Significant unobservable inputs (Level 3)
	Date of valuation	Total €000	€000	€000	€000
Liabilities measured at fair value:					
Derivative financial liabilities (Note 21.4):					
Interest rate swaps	31 December 2019	35	–	35	–
Foreign exchange forward contracts (GB pounds sterling)	31 December 2019	800	–	800	–
Embedded commodity derivatives (brass)	31 December 2019	600	–	–	600
Embedded commodity derivatives (chrome)	31 December 2019	182	–	–	182
Foreign exchange forward contracts - US dollars	31 December 2019	90	–	90	–
Commodity derivative (copper)	31 December 2019	980	–	980	–
Contingent consideration liability (Note 8)	31 December 2019	1,072	–	–	1,072
Liabilities for which fair values are disclosed (Note 21.4):					
Interest-bearing loans and borrowings:					
Floating rate borrowings (Euroland)	31 December 2019	10,420	–	10,420	–
Floating rate borrowings (US)	31 December 2019	2,246	–	2,246	– IFRS 13.93(a)
Convertible preference shares	31 December 2019	2,766	–	2,766	– IFRS 13.93(b)
Fixed rate borrowing	31 December 2019	6,321	–	6,321	– IFRS 13.97

There were no transfers between Level 1 and Level 2 during 2019.

Notes to the consolidated financial statements

12. Fair value measurement *continued*

Fair value measurement hierarchy for assets as at 31 December 2018:

		Fair value measurement using			
			Quoted prices in active markets (Level 1)	Significant observable inputs (Level 2)	Significant unobservable inputs (Level 3)
	Date of valuation	Total €000	€000	€000	€000
Assets measured at fair value:					
Investment properties (Note 18):					
Office properties	31 December 2018	3,824	–	–	3,824
Retail properties	31 December 2018	4,159	–	–	4,159
Derivative financial assets (Note 21.4):					
Foreign exchange forward contracts – US dollars	31 December 2018	100	–	100	–
Foreign exchange forward contracts – GB pounds sterling	31 December 2018	53	–	53	–
Listed equity investments (Note 21.4):					
Power sector	31 December 2018	200	200	–	–
Telecommunications sector	31 December 2018	100	100	–	–
Non-listed equity investments (Note 21.4):					
Power sector	31 December 2018	390	–	–	390
Electronics sector	31 December 2018	508	–	–	508
Quoted debt instruments (Note 21.4):					
Euroland government bonds	31 December 2018	1,210	1,210	–	–
Corporate bonds – consumer products sector	31 December 2018	400	400	–	–
Assets for which fair values are disclosed (Note 21.4):					
Loan at amortised cost					
Loan to a director	31 December 2018	9	–	–	9

There were no transfers between Level 1 and Level 2 during 2018.

Notes to the consolidated financial statements

12. Fair value measurement *continued*

Fair value measurement hierarchy for liabilities as at 31 December 2018:

		Fair value measurement using			
		Total	Quoted	Significant observable inputs (Level 2)	Significant unobservable inputs (Level 3)
			prices		
			in active markets (Level 1)		
Date of valuation		€000	€000	€000	€000
Liabilities measured at fair value:					
Derivative financial liabilities (Note 21.4):					
Foreign exchange forward contracts - US dollars	31 December 2018	254	–	254	–
Liabilities for which fair values are disclosed (Note 21.4):					
Interest-bearing loans and borrowings:					
Floating rate borrowings (Euroland)	31 December 2018	11,877	–	11,877	–
Convertible preference shares	31 December 2018	2,621	–	2,621	–
Fixed rate borrowing	31 December 2018	8,944	–	8,944	–

There were no transfers between Level 1 and Level 2 during 2018.

Fair value measurement hierarchy for assets as at 1 January 2018:

		Fair value measurement using			
			Quoted prices in active markets (Level 1)	Significant observable inputs (Level 2)	Significant unobservable inputs (Level 3)
	Date of valuation	Total €000	€000	€000	€000
Assets measured at fair value:					
Investment properties (Note 18):					
Office properties	1 January 2018	3,397	–	–	3,397
Retail properties	1 January 2018	3,694	–	–	3,694
Derivative financial assets (Note 21.4):					
Foreign exchange forward contracts – US dollars	1 January 2018	90	–	90	–
Foreign exchange forward contracts – GB pounds sterling	1 January 2018	47	–	47	–
Listed equity investments (Note 21.4):					
Power sector	1 January 2018	221	221	–	–
Telecommunications sector	1 January 2018	113	113	–	–
Non-listed equity investments (Note 21.4):					
Power sector	1 January 2018	386	–	–	386
Electronics sector	1 January 2018	502	–	–	502
Quoted debt instruments (Note 21.4):					
Euroland government bonds	1 January 2018	763	763	–	–
Corporate bonds – consumer products sector	1 January 2018	280	280	–	–
Assets for which fair values are disclosed (Note 21.4):					
Loan at amortised cost					
Loan to a director	1 January 2018	7	–	–	7

Notes to the consolidated financial statements

12. Fair value measurement *continued*

Fair value measurement hierarchy for liabilities as at 1 January 2018:

		Fair value measurement using			
		Total	Quoted prices in active markets (Level 1)	Significant observable inputs (Level 2)	Significant unobservable inputs (Level 3)
Date of valuation		€000	€000	€000	€000
Liabilities measured at fair value:					
Derivative financial liabilities (Note 21.4):					
Foreign exchange forward contracts - US dollars	1 January 2018	303	–	303	–
Liabilities for which fair values are disclosed (Note 21.4):					
Interest-bearing loans and borrowings:					
Floating rate borrowings (Euroland)	1 January 2018	13,554	–	13,554	–
Convertible preference shares	1 January 2018	2,517	–	2,517	–
Fixed rate borrowing	1 January 2018	7,219	–	7,219	–

Commentary

IFRS 13.94 requires appropriate determination of classes of assets and liabilities on the basis of:

- ▶ The nature, characteristics and risks of the asset or liability; and
- ▶ The level of the fair value hierarchy within which the fair value measurement is categorised

The Group has applied the factors and disclosed the quantitative information under IFRS 13 based on the classes of assets and liabilities determined as per IFRS 13.94. As judgement is required to determine the classes of properties, other criteria and aggregation levels for classes of assets may also be appropriate, provided they are based on the risk profile of the assets (e.g., the risk profile of properties in an emerging market may differ from that of properties in a mature market).

Inputs used in a valuation technique may fall into different levels of the fair value hierarchy. However, for disclosure purposes, the fair value measurement must be categorised in its entirety (i.e., depending on the unit of account) within the hierarchy. That categorisation may not be so obvious when there are multiple inputs used. IFRS 13.73 clarifies that the hierarchy categorisation of a fair value measurement, in its entirety, is determined based on the lowest level input that is significant to the entire measurement. Assessing the significance of a particular input to the entire measurement requires judgement and consideration of factors specific to the asset or liability (or group of assets and/or liabilities) being measured and any adjustments made to the significant inputs in arriving at the fair value. These considerations have a follow-on impact on the disclosures of valuation techniques, processes and significant inputs and entities should tailor their disclosures to the specific facts and circumstances.

For assets and liabilities held at the end of the reporting period measured at fair value on a recurring basis, IFRS 13.93(c) requires disclosure of the amounts of transfers between Level 1 and Level 2 of the hierarchy, the reasons for those transfers and the entity's policy for determining when the transfers are deemed to have occurred. Transfers into each level must be disclosed and discussed separately from transfers out of each level.

The IFRS 13 measurement and disclosure requirements do not apply to leasing transactions accounted for under IFRS 16.

Notes to the consolidated financial statements

13. Other income/expenses

13.1 Other operating income

	2019	2018	
	€000	€000	
Government grants (Note 28)	1,053	541	IAS 20.39(b)
Gain on derivative instruments at fair value through profit or loss	850	–	IFRS 7.20(a)(i)
Net gain on disposal of property, plant and equipment	532	2,007	IAS 1.97
Total other operating income	2,435	2,548	IAS 1.98

The net gain on derivative instruments at fair value through profit or loss relates to foreign exchange forward contracts that did not qualify for hedge accounting and embedded derivatives which have been separated.

13.2 Other operating expenses

	2019	2018	
	€000	€000	
Bid defence costs	579	31	IAS 1.97
Cost of WEEE (Note 27)	102	22	IAS 1.97
Change in fair value of investment properties (Note 18)	306	300	IAS 1.97
Loss on derivative instruments at fair value through profit or loss	1,502	–	IFRS 7.20(a)
Ineffectiveness on forward commodity contracts designated as cash flow hedges (Note 21.3)	65	–	IFRS 7.24(b)
Total other operating expenses	2,554	353	

Bid defence costs were incurred in respect of obtaining advice in defending a hostile takeover bid by a competitor. The competitor did not proceed with the bid.

Net loss on derivative instruments at fair value through profit or loss relates to foreign exchange forward contracts that did not qualify for hedge accounting and embedded derivatives which have been separated.

Commentary

IAS 1 does not require an entity to present the results of operating activities as a line item in the income statement. If an entity elects to do so, it must ensure that the amount presented is representative of activities that would normally be regarded as 'operating' (IAS 1.BC56). As IAS 1 does not provide any further guidance on operating profits, an entity needs to apply judgement in developing its own accounting policy under IAS 8.10.

The Group has taken the view that presenting the gains and losses on foreign exchange forward contracts and embedded derivatives in operating income and expenses reflects the economic substance of those transactions as they are entered into to hedge forecast sales and purchases and are, therefore, clearly associated with transactions which are part of the operating income and expenses (IAS 8.10(b)(ii)). Other entities may take alternative views and, hence, there is diversity in practice.

13.3 Finance costs

	2019	2018	
	€000	€000	
Interest on debts and borrowings	1,036	1,020	
Interest arising from revenue contracts	109	62	IFRS 15.65
Interest on lease liabilities (Note 31)	178	185	
Total interest expense	1,323	1,267	IFRS 7.20(b)
Unwinding of discount and effect of changes in discount rate on provisions (Note 27)	43	1	IAS 37.60
Total finance costs	1,366	1,268	

Notes to the consolidated financial statements

13. Other income/expenses continued

13.4 Finance income

	2019	2018	
	€000	€000	
Interest income on a loan to an associate	17	–	
Interest income from debt instruments at fair value through OCI	185	145	IFRS 7.20(b)
Total finance income	202	145	

Commentary

Finance income and finance cost are not defined terms in IFRS. Some regulators limit the inclusion of certain income and expense within those items (e.g., restricted to interest income and expense), while other jurisdictions allow additional items to be included.

IFRS 15.65 requires the effects of financing (interest revenue or interest expense) to be presented separately from revenue from contracts with customers in the statement of income. The Group included the interest expense on contract liabilities as part of finance costs.

13.5 Other income

	2019	2018	
	€000	€000	
Foreign exchange gains on interest-bearing loans and borrowings	57	67	
Fair value gain on equity instruments at fair value through profit or loss	37	9	IFRS 7.20(a)(i)
Gain (loss) on sale of debt instruments at fair value through OCI	8	(4)	IFRS 7.20(a)(viii)
Dividend income from equity instruments at fair value through OCI	3	–	IFRS 7.20(a)(vii)
Impairment loss on debt instruments at fair value through OCI	(7)	(6)	
Total other income	98	66	

13.6 Depreciation, amortisation, lease payments, foreign exchange differences and costs of inventories

	2019	2018	
	€000	€000	
Included in cost of sales:			IAS 1.104
Depreciation	3,802	3,063	
Impairment of property, plant and equipment (Note 17)	–	301	IAS 36.126(a)
Amortisation and impairment of intangible assets (Note 19)	325	174	IAS 38.118(d)
Net foreign exchange differences	(65)	(40)	IAS 21.52(a)
Warranty provision (Note 27)	106	52	
Variable lease payments (Note 31)	71	66	
Expense relating to short-term leases (Note 31)	22	21	
Costs of inventories recognised as an expense	131,107	121,298	IAS 2.36(d)
Included in administrative expenses:			
Depreciation	429	430	
Impairment of goodwill (Note 20)	200	–	IAS 36.126(a)
Remeasurement of contingent consideration (Note 8)	358	–	

Notes to the consolidated financial statements

13. Other income/expenses continued

13.7 Employee benefits expense

	2019	2018	IAS 1.104
	€000	€000	
Included in cost of sales:			
Wages and salaries	6,551	6,513	
Social security costs	664	659	
Pension costs	350	305	
Post-employment benefits other than pensions	38	28	
Share-based payment expense	103	123	
Included in selling and distribution expenses:			
Wages and salaries	10,882	10,220	
Social security costs	1,102	1,135	
Pension costs	560	496	
Post-employment benefits other than pensions	61	45	
Share-based payment expense	165	197	
Included in cost of administrative expenses:			
Wages and salaries	11,238	7,410	
Social security costs	1,349	1,343	
Pension costs	488	465	
Post-employment benefits other than pensions	54	40	
Share-based payment expense	144	172	IFRS 2.51(a)
Total employee benefits expense	33,749	29,151	

13.8 Research and development costs

The Group's electronics business research and development concentrates on the development of internet-enabled safety equipment. Research and development costs that are not eligible for capitalisation have been expensed in the period incurred (in 2019, this was €2,235,000 (2018: €1,034,000)), and they are recognised in administrative expenses.

IAS 38.126

13.9 Administrative expenses

	2019	2018	IAS 1.104
	€000	€000	
Employee benefits expense (Note 13.7)	13,273	9,430	
Acquisition-related transaction costs	600	–	
Research and development costs	2,235	1,034	
Depreciation	429	430	
Expected credit losses of trade receivables and contract assets (Note 23)	185	76	
Impairment of goodwill (Note 20)	200	–	
Expense relating to leases of low-value assets (Note 31)	18	17	
Remeasurement of contingent consideration (Note 8)	358	–	
Other administrative expenses	992	1,024	
Total administrative expenses	18,290	12,011	

Notes to the consolidated financial statements

14. Discontinued operations

On 1 October 2019, the Group publicly announced the decision of its Board of Directors to sell Hose Limited, a wholly owned subsidiary. On 14 November 2019, the shareholders of the Company approved the plan to sell. The sale of Hose Limited is expected to be completed within a year from the reporting date. At 31 December 2019, Hose Limited was classified as a disposal group held for sale and as a discontinued operation. The business of Hose Limited represented the entirety of the Group's Rubber Equipment operating segment until 1 October 2019. With Hose Limited being classified as discontinued operations, the Rubber Equipment segment is no longer presented in the segment note. The results of Hose Limited for the year are presented below:

IFRS 5.30
IFRS 5.41

	2019	2018	IFRS 5.33(b)(i)
	€000	€000	IFRS 5.34
Revenue from contracts with customers	42,809	45,206	
Expenses	(41,961)	(44,880)	
Operating income	848	326	
Finance costs	(525)	(519)	
Impairment loss recognised on the remeasurement to fair value less costs to sell	(110)	–	IFRS 5.33 (b)(iii)
Profit/(loss) before tax from a discontinued operations	213	(193)	
Tax benefit/(expense):			
Related to pre-tax profit/(loss) from the ordinary activities for the period	(26)	5	IFRS 5.33 (b)(ii) IAS 12.81(h)(ii)
Related to remeasurement to fair value less costs to sell	33	–	IFRS 5.33 (b)(iv) IAS 12.81(h)(i)
Profit/(loss) for the year from discontinued operations	220	(188)	

The major classes of assets and liabilities of Hose Limited classified as held for sale as at 31 December are, as follows:

IFRS 5.38

	2019	IFRS 5.38
	€000	IFRS 5.40
Assets		
Intangible assets (Note 19)	135	
Property, plant and equipment (Note 17)	4,637	
Debtors	7,180	
Equity investments - non-listed	308	
Cash and short-term deposits (Note 24)	1,294	
Assets held for sale	13,554	
Liabilities		
Creditors	(7,241)	
Deferred tax liability	(75)	
Interest-bearing liabilities (Note 21.2)	(5,809)	
Liabilities directly associated with assets held for sale	(13,125)	
Net assets directly associated with disposal group	429	
Amounts included in accumulated OCI:		
Fair value reserve of equity investments - non-listed	66	IFRS 5.38
Deferred tax on fair value reserve	(20)	
Reserve of disposal group classified as held for sale	46	

Notes to the consolidated financial statements

14. Discontinued operations *continued*

The net cash flows incurred by Hose Limited are, as follows:

IFRS 5.33(c)

	2019	2018
	€000	€000
Operating	(1,999)	3,192
Investing	–	–
Financing	(436)	(335)
Net cash (outflow)/inflow	(2,435)	2,857

Earnings per share

	2019	2018
Basic, profit/(loss) for the year from discontinued operations	€0.01	(€0.01)
Diluted, profit/(loss) for the year from discontinued operations	€0.01	(€0.01)

IAS 33.68

Interest-bearing liabilities comprise a fixed rate bank loan of €5,809,000 having an EIR of 7.5% that is repayable in full on 1 January 2019. IFRS 7.7

Commentary

IFRS 5 *Non-current Assets Held for Sale and Discontinued Operations* specifies certain disclosures required in respect of discontinued operations and non-current assets held for sale. IFRS 5.5B states that the requirements of other standards do not apply to discontinued operations, unless the other standards specify disclosures that are applicable to them.

IFRS 12.B17 clarifies that disclosures of summarised information specified in IFRS12.B10-B16 are not required when an entity's interest in a subsidiary, joint venture or associate (or a portion of its interest in a joint venture or an associate) is classified as held for sale in accordance with IFRS 5. The other disclosure requirements in IFRS 12 apply to an entity's held-for-sale interests. The Group concluded that there is no additional information that it needs to disclose about its wholly-owned subsidiary, Hose limited, which is classified as disposal group held for sale as at 31 December 2019.

IAS 33.68A provides an option to present the earnings per share from discontinued operations either on the face of the statement of profit or loss or in the notes. The Group has opted to present the earnings per share from discontinued operations in the notes.

Write-down of property, plant and equipment

Immediately before the classification of Hose Limited as discontinued operations, the recoverable amount was estimated for certain items of property, plant and equipment and no impairment loss was identified. Following the classification, a write-down of €110,000 (net of tax €77,000) was recognised on 1 October 2019 to reduce the carrying amount of the assets in the disposal group to their fair value less costs to sell. This was recognised in discontinued operations in the statement of profit or loss. Fair value measurement disclosures are provided in [Note 12](#).

IFRS 5.33 (b)(iii)
IFRS 5.33 (b)(iv)

As at 31 December 2019, there was no further write-down as the carrying amount of the disposal group did not fall below its fair value less costs to sell.

Investment in non-listed equity shares

The discontinued operation includes an investment in non-listed equity shares (Level 3 in the fair value hierarchy) of Electronic Test Ltd with a carrying amount of €308,000. The collaboration with Electronic Test Ltd is closely related to the discontinued operation of Hose Limited and is therefore reclassified as part of the discontinued operations. This investment is classified as equity instruments designated at fair value through OCI. The Group did not pledge the financial asset nor receive any collateral for it. As at the reporting date, the carrying amount equals the fair value of the instrument. Refer [Note 21.4](#) for the details on the recognition, measurement, valuation techniques and inputs used for this investment.

IFRS 7.8(d)
IFRS 7.14
IFRS 7.15
IFRS 7.25

Notes to the consolidated financial statements

14. Discontinued operations *continued*

Reconciliation of fair value measurement of the investment in non-listed equity shares:

IFRS 13.93(e)

	€000
As at 1 January 2018	304
Sales	–
Purchases	–
Total gains and losses recognised in OCI	4
As at 1 January 2019 and 1 October 2019	308
Sales	–
Purchases	–
Total gains and losses recognised in OCI	–
As at 31 December 2019	308

There were no gains or losses recognised in profit or loss or in OCI with respect to these assets.

IFRS 13.93(f)

Refer to [Note 21.5](#) for details on the nature and extent of risks arising from financial instruments.

Commentary

IFRS 5 explains that disclosures in other standards do not apply to non-current assets (or disposal groups) classified as held for sale or discontinued operations unless those other standards require:

- ▶ Specific disclosures in respect of non-current assets (or disposal groups) classified as held for sale or discontinued operations
- ▶ Disclosures about the measurement of assets and liabilities within a disposal group that are not within the scope of the measurement requirements of IFRS 5 and such disclosures are not already provided in the other notes to the financial statements

The requirement in the second bullet above reflects the fact that such assets continue to be measured in accordance with the specific standard dealing with them. In practice, much of the requirements will be satisfied by the disclosure of accounting policies. The requirement for other disclosures will depend on the standard concerned. The illustration above reflects this circumstance, as the non-listed equity instruments is a financial instrument as defined in IFRS 9 and is therefore scoped out of the measurement requirements of IFRS 5.

While, the assets of discontinued operations are non-recurring fair value measurements under IFRS 13.93(a), equity instruments designated at fair value through OCI held by the discontinued operations are recurring fair value measurements since they are required to be measured at fair value at the end of each reporting period.

15. Income tax

The major components of income tax expense for the years ended 31 December 2019 and 2018 are:

IAS 12.79

Consolidated profit or loss	2019	2018	
	€000	€000	
Current income tax:			
Current income tax charge	2,883	2,770	IAS 12.80(a)
Adjustments in respect of current income tax of previous year	(18)	(44)	IAS 12.80(b)
Deferred tax:			
Relating to origination and reversal of temporary differences	233	(493)	IAS 12.80(c)
Income tax expense reported in the statement of profit or loss	3,098	2,233	

Notes to the consolidated financial statements

15. Income tax continued

Consolidated other comprehensive income	2019	2018	IAS 12.81(ab)
	€000	€000	
<i>Deferred tax related to items recognised in OCI during in the year:</i>			IAS 1.90
Net (gain)/loss on cash flow hedges	265	(10)	
Net change in costs of hedging	10	–	
Net loss on debt instruments at fair value through OCI	6	–	
Net (gain)/loss on equity instruments designated at fair value through OCI	8	(3)	
Revaluation of office properties in Euroland	(254)	–	
Net gain on hedge of net investment	(83)	–	
Remeasurement (gain)/loss on actuarial gains and losses	(110)	117	
Deferred tax charged to OCI	(158)	104	

Commentary

Deferred taxes related to the revaluation of office properties in Euroland have been calculated at the tax rate of the jurisdiction in which they are located (30% of the total revaluation of €846,000, see [Note 17](#)).

The tax effect of cash flow hedge instruments reflects the change in balances from 2018 to 2019 only for the effective portion (ineffectiveness has been accounted for directly in profit or loss). The reconciliation of these changes to the notes is difficult to directly observe. For illustrative purposes, a reconciliation is provided below (please note that the net change is also included in the statement of comprehensive income):

	Assets		Liabilities	
	2019	2018	2019	2018
	€000	€000	€000	€000
Foreign exchange forward contract assets (Note 21.1)	252	153	–	–
Foreign exchange forward contract liabilities (Note 21.2)	–	–	170	254
Commodity forward contract (Note 21.2)	–	–	980	–
Ineffectiveness of commodity contract (Note 13.2)	–	–	(65)	–
Amount transferred to inventories (Note 21.3)	–	–	183	–
Total balances	252	153	1,268	254
Net variation in OCI	99	–	1,014	–
Net increase of cash flow hedge balances during 2019 (net liability and net loss)	–	–	915	–
Tax rate	–	–	30%	–
Tax gain	–	–	275	–

Notes to the consolidated financial statements

15. Income tax continued

Reconciliation of tax expense and the accounting profit multiplied by Euroland's domestic tax rate for 2018 and 2019: IAS 12.81 (cXI)

	2019	2018
	€000	€000
Accounting profit before tax from continuing operations	11,108	8,880
Profit/(loss) before tax from a discontinued operation	213	(193)
Accounting profit before income tax	11,321	8,687
At Euroland's statutory income tax rate of 30% (2018: 30%)	3,396	2,606
Adjustments in respect of current income tax of previous years	(18)	(44)
Government grants exempted from tax	(316)	(162)
Utilisation of previously unrecognised tax losses	(231)	(89)
Share of results of an associate and a joint venture	(201)	(191)
Non-deductible expenses for tax purposes:		
Impairment of goodwill	60	–
Contingent consideration remeasurement (Note 8)	107	–
Other non-deductible expenses	10	–
Effect of higher tax rates in the United States	284	108
At the effective income tax rate of 27% (2018: 26%)	3,091	2,228
Income tax expense reported in the statement of profit or loss	3,098	2,233
Income tax attributable to a discontinued operation	(7)	(5)
	3,091	2,228

Commentary

The tax effects above can be reconciled using a 30% tax rate applied to the amounts in the following notes:

- ▶ Government grants ([Note 28](#)) upon recognition in the income statement
- ▶ Unrecognised tax losses using the change in the amount mentioned in [Note 3](#) under the section headed *Taxes*
- ▶ Impairment of goodwill in [Note 20](#) and contingent consideration expense in [Note 8](#)

Notes to the consolidated financial statements

15. Income tax continued

Deferred tax

Deferred tax relates to the following:

	Consolidated statement of financial position			Consolidated statement of profit or loss	
	1				
	2019	2018	January 2018	2019	2018
	€000	€000	€000	€000	€000
Accelerated depreciation for tax purposes	(2,838)	(599)	(555)	723	(298)
Revaluations of investment properties to fair value	(1,330)	(1,422)	(1,512)	(92)	(90)
Revaluations of office properties in Euroland to fair value	(254)	–	–	–	–
Revaluations of equity instruments to fair value through profit or loss	(16)	(5)	(2)	11	3
Revaluations of financial assets at fair value through OCI	13	(4)	(1)	–	–
Revaluation of forward contracts and embedded derivatives	196	–	–	(196)	–
Revaluation of a hedged loan to fair value	(11)	–	–	11	–
Net gain on hedge of a net investment	(83)	–	–	–	–
Share based payments	51	100	100	49	–
Post-employment medical benefits	102	59	26	(43)	(33)
Pension	813	834	772	(89)	55
Revaluations of an interest rate swap (fair value hedge) to fair value	11	–	–	(11)	–
Revaluations of cash flow hedges	270	30	40	35	–
Expected credit losses of debt financial assets	110	70	73	(40)	3
Contract liabilities for customer loyalty points	270	203	203	(67)	(199)
Leases	76	72	52	(4)	(20)
Convertible preference shares	91	55	24	(36)	(31)
Losses available for offsetting against future taxable income	383	365	321	(18)	(44)
Deferred tax expense/(benefit)				233	(654)
Net deferred tax liabilities	(2,146)	(242)	(459)		
Reflected in the statement of financial position as follows:					
Deferred tax assets	383	365	321		
Deferred tax liabilities:					
Continuing operations	(2,454)	(607)	(780)		
Discontinued operations	(75)	–	–		
Deferred tax liabilities, net	(2,146)	(242)	(459)		

Commentary

The Group's lease payments are deductible upon payment for tax purposes. In accounting for the deferred tax relating to the lease, the Group considers both the lease asset and liability separately. The Group separately accounts for the deferred taxation on the taxable temporary difference and the deductible temporary difference, which upon initial recognition are equal and offset to zero. Deferred tax is recognised on subsequent changes to the taxable and temporary differences.

Notes to the consolidated financial statements

15. Income tax continued

Reconciliation of deferred tax liabilities, net	2019	2018
	€000	€000
As of 1 January	(242)	(459)
Tax expense during the period recognised in profit or loss	(233)	493
Tax income/(expense) during the period recognised in OCI	(158)	104
Discontinued operation	(2)	–
Deferred taxes acquired in business combinations	(1,511)	(380)
As at 31 December	(2,146)	(242)

Commentary

Although not specifically required by IAS 1 or IAS 12 *Income Taxes*, the reconciliation of the net deferred tax liability may be helpful.

As in some other disclosures included in this note, the cross reference with the amounts from which they are derived is not direct. Nevertheless, the reasonableness of each balance may be obtained from the respective notes by applying a 30% tax rate. The exception being the accelerated depreciation for tax purposes whose change during the year is mainly explained by the acquisition of Extinguishers Limited (see [Note 7](#)).

The Group has tax losses that arose in Euroland of €427,000 (2018: €1,198,000, 1 January 2018: €1,494,000) that are available indefinitely for offsetting against future taxable profits of the companies in which the losses arose.

IAS 12.81(e)

Deferred tax assets have not been recognised in respect of these losses as they may not be used to offset taxable profits elsewhere in the Group, they have arisen in subsidiaries that have been loss-making for some time, and there are no other tax planning opportunities or other evidence of recoverability in the near future. If the Group were able to recognise all unrecognised deferred tax assets, the profit would increase by €128,000 (2018: €359,400).

IAS 12.37
IAS 12.81(e)

The temporary differences associated with investments in the Group's subsidiaries, associate and joint venture, for which a deferred tax liability has not been recognised in the periods presented, aggregate to €1,745,000 (2018: €1,458,000, 1 January 2018: €1,325,000). The Group has determined that the undistributed profits of its subsidiaries, joint venture or associate will not be distributed in the foreseeable future. The Group has an agreement with its associate that the profits of the associate will not be distributed until it obtains the consent of the Group. The Group does not anticipate giving such consent at the reporting date. Furthermore, the Group's joint venture will not distribute its profits until it obtains the consent of all venture partners.

IAS 12.81(f)

There are no income tax consequences attached to the payment of dividends in either 2019 or 2018 by the Group to its shareholders.

IAS 12.82A

Commentary

IAS 1.61 requires an entity to separately disclose the line items that are included in the amounts expected to be recovered or settled within 12 months and more than 12 months after the reporting date. Deferred tax assets and liabilities may be considered one example, for items comprising such amounts. However, IAS 1.56, in contrast, does not permit presentation of those items as current, which suggests that providing the disclosures required by IAS 1.61 does not apply to deferred tax assets and liabilities. Therefore, the Group did not provide disclosures of the expected recovery and settlement of its deferred tax assets.

Notes to the consolidated financial statements

16. Earnings per share (EPS)

Basic EPS is calculated by dividing the profit for the year attributable to ordinary equity holders of the parent by the weighted average number of ordinary shares outstanding during the year.

Diluted EPS is calculated by dividing the profit attributable to ordinary equity holders of the parent (after adjusting for interest on the convertible preference shares) by the weighted average number of ordinary shares outstanding during the year plus the weighted average number of ordinary shares that would be issued on conversion of all the dilutive potential ordinary shares into ordinary shares.

The following table reflects the income and share data used in the basic and diluted EPS calculations:

	2019	2018	
	€000	€000	
Profit attributable to ordinary equity holders of the parent:			
Continuing operations	7,722	6,408	
Discontinued operations	220	(188)	
Profit attributable to ordinary equity holders of the parent for basic earnings	7,942	6,220	IAS 33.70(a)
Interest on convertible preference shares	247	238	
Profit attributable to ordinary equity holders of the parent adjusted for the effect of dilution	8,189	6,458	IAS 33.70(a)
	2019	2018	
	Thousands	Thousands	IAS 33.70(b)
Weighted average number of ordinary shares for basic EPS*	20,797	19,064	
Effects of dilution from:			
Share options	112	177	
Convertible preference shares	833	833	
Weighted average number of ordinary shares adjusted for the effect of dilution*	21,742	20,074	IAS 33.70(b)

* The weighted average number of shares takes into account the weighted average effect of changes in treasury shares during the year. IAS 33.70(d)

There have been no other transactions involving ordinary shares or potential ordinary shares between the reporting date and the date of authorisation of these financial statements.

To calculate the EPS for discontinued operations (Note 14), the weighted average number of ordinary shares for both the basic and diluted EPS is as per the table above. The following table provides the profit/(loss) amount used:

	2019	2018
	€000	€000
Profit/(loss) attributable to ordinary equity holders of the parent from discontinued operations for the basic and diluted EPS calculations	220	(188)

Commentary

Although not a requirement of IFRS, first-time adopters may wish to provide an explanation or reconciliation of the changes to EPS on transition to IFRS as supplementary information to help stakeholders understand the changes. IFRS 1 requires that any previous GAAP information is prominently labelled as not being prepared in accordance with IFRS, in addition to the main adjustments that would make it comply with IFRS. The Group chose not to include such supplementary information.

Notes to the consolidated financial statements

17. Property, plant and equipment

	Freehold land and buildings	Office properties in Euroland	Constru ction in progress	Plant and machinery	Other equipment	Total	IAS 1.78(a) IAS 16.73(e) IAS 16.73(d)
	€000	€000	€000	€000	€000	€000	
Cost or valuation							
At 1 January 2018	6,590	1,137	–	18,557	4,600	30,884	
Additions	2,297	–	–	6,548	150	8,995	
Acquisition of a subsidiary (Note 8)	1,280	–	–	–	–	1,280	
Disposals	(312)	–	–	(49)	–	(361)	
Exchange differences	10	–	–	26	–	36	
At 31 December 2018	9,865	1,137	–	25,082	4,750	40,834	
Additions	1,612	–	4,500	4,403	190	10,705	
Acquisition of a subsidiary (Note 8)	2,897	–	–	4,145	–	7,042	
Disposals	–	–	–	(4,908)	–	(4,908)	
Assets held for sale (Note 14)	(3,011)	–	–	(3,980)	–	(6,991)	
Revaluation adjustment	–	846	–	–	–	846	IFRS 13.93(e)(ii)
Transfer*	–	(234)	–	–	–	(234)	IAS 16.35(b)
Exchange differences	30	–	–	79	–	109	
At 31 December 2019	11,393	1,749	4,500	24,821	4,940	47,403	
Depreciation and impairment							
At 1 January 2018	–	–	–	11,944	–	11,944	
Depreciation charge for the year	947	117	–	2,778	450	4,292	
Impairment (Note 20)	–	–	–	301	–	301	
Disposals	–	–	–	(49)	–	(49)	
Exchange differences	5	–	–	12	–	17	
At 31 December 2018	952	117	–	14,986	450	16,505	
Depreciation charge for the year**	383	117	–	2,827	470	3,797	
Disposals	–	–	–	(3,450)	–	(3,450)	
Assets held for sale (Note 14)	(150)	–	–	(2,094)	–	(2,244)	
Transfer*	–	(234)	–	–	–	(234)	
Exchange differences	20	–	–	30	–	50	
At 31 December 2019	1,205	–	–	12,299	920	14,424	
Net book value							
At 31 December 2019	10,188	1,749	4,500	12,522	4,020	32,979	
At 31 December 2018	8,913	1,020	–	10,096	4,300	24,329	
At 1 January 2018	6,590	1,137	–	6,613	4,600	18,940	

* This transfer relates to the accumulated depreciation as at the revaluation date that was eliminated against the gross carrying amount of the revalued asset.

** Depreciation for the year excludes an impairment loss of €110,000 (see Note 14).

Commentary

If a lessee does not present right-of-use assets separately in the statement of financial position, IFRS 16.47 requires the right-of-use assets to be included within the same line item as that within which the corresponding underlying assets would be presented if they were owned. If the Group had included its right-of-use assets within property, plant and equipment, a column for the right-of-use assets would be included in the above table with a cross-reference to the details in Note 31.

Notes to the consolidated financial statements

17. Property, plant and equipment *continued*

In 2018, the impairment loss of €301,000 represented the write-down of certain property, plant and equipment in the fire prevention segment to the recoverable amount as a result of technological obsolescence. This was recognised in the statement of profit or loss as cost of sales. The recoverable amount of €5,679,000 as at 31 December 2018 was based on value in use and was determined at the level of the CGU. The CGU consisted of the Euroland-based assets of Sprinklers Limited, a subsidiary. In determining value in use for the CGU, the cash flows were discounted at a rate of 12.4% on a pre-tax basis. IAS 36.126(a)
IAS 36.130

Capitalised borrowing costs

The Group started the construction of a new fire safety facility in February 2019. This project is expected to be completed in February 2020. The carrying amount of the fire safety facility at 31 December 2019 was €3,000,000 (2018: €Nil, 1 January 2018: €Nil). The fire safety facility is financed by a third party in a common arrangement. IAS 23.26(a)
IAS 23.26(b)

The amount of borrowing costs capitalised during the year ended 31 December 2019 was €303,000 (2018: €Nil, 1 January 2018: €Nil). The rate used to determine the amount of borrowing costs eligible for capitalisation was 11%, which is the EIR of the specific borrowing.

Land and buildings

Land and buildings with a carrying amount of €7,400,000 (2018: €5,000,000, 1 January 2018: €4,500,000) are subject to a first charge to secure two of the Group's bank loans. IAS 16.74(a)

Assets under construction

Included in property, plant and equipment at 31 December 2019 was an amount of €1,500,000 (2018: €Nil, 1 January 2018: €Nil) relating to expenditure for a plant in the course of construction. IAS 16.74(b)

Equipment received from customers

In 2019, the Group received €190,000 (2018: €150,000) of equipment from customers to be utilised in the production process. The initial gross amount was estimated at fair value by reference to the market price of these assets on the date on which control is obtained. IAS 16.73(a)
IFRS 15.66
IFRS 15.69

Disposals of property, plant and equipment

In 2019, the Group sold equipment with a total net carrying amount of €1,458,000 for a cash consideration of €1,990,000. In 2018, the Group sold freehold land and a building with a net carrying amount of €312,000 for a cash consideration of €2,319,000. The net gains on these disposals were recognised as part of other operating income in the statement of profit or loss ([Note 13](#)). IAS 16.68A
IAS 16.71
IAS 16.72

Revaluation of office properties in Euroland

Management determined that the office properties in Euroland constitute a separate class of property, plant and equipment, based on the nature, characteristics and risks of the property. IFRS 13.94

Fair value of the properties was determined using the market comparable method. The valuations have been performed by the valuer and are based on proprietary databases of prices of transactions for properties of similar nature, location and condition. As at the dates of revaluation on 31 December 2019, the properties' fair values are based on valuations performed by Chartered Surveyors & Co., an accredited independent valuer who has valuation experience for similar office properties in Euroland since 2011. A net gain from the revaluation of the office properties in Euroland of €846,000 in 2019 was recognised in OCI. IAS 16.77(b)
IFRS 13.93(d)

Fair value measurement disclosures for the revalued office properties are provided in [Note 12](#).

Significant unobservable valuation input:	Range	IFRS 13.93(h)(i)
Price per square metre	€325 - €350	

Significant increases (decreases) in estimated price per square metre in isolation would result in a significantly higher (lower) fair value on a linear basis.

Notes to the consolidated financial statements

17. Property, plant and equipment *continued*

Reconciliation of carrying amount

IFRS 13.93(e)

	€000
Opening balance as at 1 January 2018	1,137
Depreciation for the year	(117)
Carrying amount as at 31 December 2018	1,020
Depreciation for the year	(117)
Level 3 revaluation loss on revaluation as at 31 December 2019	846
Carrying amount and fair value as at 31 December 2019	1,749

If the office properties in Euroland were measured using the cost model, the carrying amounts would be, as follows: IAS 16.77(e)

	2019	2018	1 January 2018
	€000	€000	€000
Cost	1,347	1,347	1,347
Accumulated depreciation and impairment	(330)	(225)	(120)
Net carrying amount	1,017	1,122	1,227

Commentary

The Group has measured the office properties in Euroland at the revalued amount in accordance with IAS 16. Under IAS 16.36, if an item of property, plant and equipment is revalued, the entire class of property, plant and equipment to which that asset belongs should be revalued. IAS 16.37 defines a class of property, plant and equipment as a grouping of assets of similar nature and use in an entity's operations. The Group determined that office properties in Euroland constitute separate class of property, plant and equipment, based on their nature, characteristics and risks.

Under IAS 16.31, the revalued amount of an item of property, plant and equipment is its fair value at the date of revaluation less any subsequent accumulated depreciation and subsequent accumulated impairment losses. Revaluations shall be made with sufficient regularity to ensure that the carrying amount does not differ materially from that which would be determined using fair value at the end of reporting period. Due to significant volatility of the fair value of office properties in Euroland during 2019 the Group performed a revaluation as at 31 December 2019.

Fair value was determined using the market comparable method. This means that valuations performed are based on prices of transactions involving properties of a similar nature, location and condition. Since this valuation was performed using a significant non-observable input, the fair value was classified as a Level 3 measurement.

Since revaluations of property, plant and equipment in accordance with IAS 16 represent a recurring fair value measurement, the Group disclosed the information required by IFRS 13.93 for recurring fair value measurements. The disclosures provided are based on Example 17 from the Illustrative examples to IFRS 13 *Fair Value Measurement*. It is assumed in these illustrative financial statements that only one unobservable input, price per square metre, was used by the valuers. In practice, the market comparable method may require the use more than one unobservable input. In such cases, the disclosures would cover the additional significant unobservable inputs.

IFRS 13.99 requires an entity to present the quantitative disclosures of IFRS 13 in a tabular format, unless another format is more appropriate. The Group included the quantitative disclosures in a tabular format.

Notes to the consolidated financial statements

18. Investment properties

	2019	2018	IAS 40.76
	€000	€000	
Opening balance at 1 January	7,983	7,091	
Additions (subsequent expenditure)	1,216	1,192	
Net loss from fair value remeasurement	(306)	(300)	
Closing balance at 31 December	8,893	7,983	

The Group's investment properties consist of two commercial properties in Euroland. Management determined that the investment properties consist of two classes of assets – office and retail – based on the nature, characteristics and risks of each property.

As at 31 December 2019 and 2018, the fair values of the properties are based on valuations performed by Chartered Surveyors & Co., an accredited independent valuer. Chartered Surveyors & Co. is a specialist in valuing these types of investment properties. A valuation model in accordance with that recommended by the International Valuation Standards Committee has been applied. IAS 40.75(e)

	2019	2018	IAS 40.75(f)
	€000	€000	
Rental income derived from investment properties	1,404	1,377	
Direct operating expenses (including repairs and maintenance) generating rental income (included in cost of sales)	(101)	(353)	IAS 40.75(f)(ii)
Direct operating expenses (including repairs and maintenance) that did not generate rental income (included in cost of sales)	(37)	(127)	IAS 40.75(f)(iii)
Profit arising from investment properties carried at fair value	1,266	897	

The Group has no restrictions on the realisability of its investment properties and no contractual obligations to purchase, construct or develop investment properties or for repairs, maintenance and enhancements. IAS 40.75(g)
IAS 40.75(h)

Fair value hierarchy disclosures for investment properties are in [Note 12](#).

Reconciliation of fair value:

	Investment properties		
	Office properties	Retail properties	
	€000	€000	
As at 1 January 2018	3,397	3,694	
Remeasurement recognised in profit or loss	(144)	(156)	IFRS 13.93(e)(i)
Purchases	571	621	IFRS 13.93(e)(iii)
As at 31 December 2018	3,824	4,159	
Remeasurement recognised in profit or loss (in other operating expenses)	(147)	(159)	IFRS 13.93(f)
Purchases	583	633	
As at 31 December 2019	4,260	4,633	

Description of valuation techniques used and key inputs to valuation of investment properties:

Valuation technique		Significant unobservable inputs	Range (weighted average)/point estimate			IFRS 13.93(d)
			2019	2018	1 January 2018	
Office properties	DCF method (refer below)	Estimated rental value per sqm per month	€10 - €25 (€20)	€9 - €23 (€16)	€15	
		Rent growth p.a.	1.75%	1.76%	1.76%	
		Long-term vacancy rate	3% - 10% (5%)	3% - 9% (4%)	4%	
		Discount rate	6.5%	6.3%	6.3%	

Notes to the consolidated financial statements

18. Investment properties *continued*

	Valuation technique	Significant unobservable inputs	Range (weighted average) /point estimate			IFRS 13.93(d)
			2019	2018	1 January 2018	
Retail properties	DCF method (refer below)	Estimated rental value per sqm per month	€15 - €35 (€22)	€14 - €33 (€21)	€20	
		Rent growth p.a.	1%	1.2%	1.2%	
		Long-term vacancy rate	4% - 12% (7%)	4% - 13% (8.5%)	8.5%	
		Discount rate	6.5%	6.3%	6.3%	

Using the DCF method, fair value is estimated using assumptions regarding the benefits and liabilities of ownership over the asset's life including an exit or terminal value. This method involves the projection of a series of cash flows on a real property interest. To this projected cash flow series, a market-derived discount rate is applied to establish the present value of the income stream associated with the asset. The exit yield is normally separately determined and differs from the discount rate.

The duration of the cash flows and the specific timing of inflows and outflows are determined by events such as rent reviews, lease renewal and related re-letting, redevelopment, or refurbishment. The appropriate duration is typically driven by market behaviour that is a characteristic of the class of real property. Periodic cash flow is typically estimated as gross income less vacancy, non-recoverable expenses, collection losses, lease incentives, maintenance cost, agent and commission costs and other operating and management expenses. The series of periodic net operating income, along with an estimate of the terminal value anticipated at the end of the projection period, is then discounted.

Significant increases (decreases) in estimated rental value and rent growth per annum in isolation would result in a significantly higher (lower) fair value of the properties. Significant increases (decreases) in the long-term vacancy rate and discount rate (and exit yield) in isolation would result in a significantly lower (higher) fair value.

Generally, a change in the assumption made for the estimated rental value is accompanied by a directionally similar change in the rent growth per annum and discount rate (and exit yield), and an opposite change in the long term vacancy rate.

IFRS 13.93(h)(i)

Commentary

The Group has elected to value investment properties at fair value in accordance with IAS 40 *Investment Property*.

If, for recurring and non-recurring fair value measurements, the highest and best use of a non-financial asset differs from its current use, an entity must disclose that fact and the reason why the asset is being used in a manner that differs from its highest and best use (IFRS 13.93(i)). The Group has assessed that the highest and best use of its properties does not differ from their current use. An example of what might be disclosed if the highest and best use of the Group's retail property is determined to be other than its current use is, as follows:

- ▶ The Group has determined that the highest and best use of the property used for office space is its current use.
- ▶ The highest and best use of the retail property at the measurement date would be to convert the property for residential use. For strategic reasons, the property is not being used in this manner.

In addition to the disclosure requirements in IFRS 13, IAS 1 requires disclosure of the significant judgements management has made about the future and sources of estimation uncertainty. IAS 1.129(b) includes, as an example of such a disclosure, the sensitivity of carrying amounts to the methods, assumptions and estimates underlying their calculation, including the reasons for the sensitivity. As such, information beyond that required by IFRS 13.93(h) may be needed in some circumstances.

IAS 40 permits investment properties to be carried at historical cost less accumulated depreciation and any accumulated impairment losses. If the Group accounted for investment properties at cost, information about the cost basis and depreciation rates (similar to the requirement under IAS 16 for property, plant and equipment) would be required. IAS 40.79(e) requires disclosure of fair value of the properties. For the purpose of this disclosure, the fair value is required to be determined in accordance with IFRS 13. Also, in addition to the disclosures under IAS 40, IFRS 13.97 requires disclosure of:

- ▶ The level at which fair value measurement is categorised i.e., Level 1, Level 2 or Level 3
- ▶ A description of valuation technique and inputs, for Level 2 or Level 3 fair value measurement
- ▶ If the highest and best use differs from the current use of the asset, that fact and the reason

IFRS 13.99 requires an entity to present the quantitative disclosures of IFRS 13 in a tabular format, unless another format is more appropriate. The Group included the quantitative disclosures in tabular format, above.

Notes to the consolidated financial statements

19. Intangible assets

	Development costs	Patents and licences with definite useful life	Licences with indefinite useful life	Goodwill	Total	
	€000	€000	€000	€000	€000	IAS 38.118(c) IAS 38.118(e)
Cost						
At 1 January 2018	1,420	335	240	119	2,114	
Additions - internally developed	390	-	-	-	390	
Acquisition of a subsidiary	-	-	-	131	131	
At 31 December 2018	1,810	335	240	250	2,635	
Additions - internally developed	587	-	-	-	587	
Acquisition of a subsidiary	-	30	1,170	2,231	3,431	
Assets held for sale	-	(138)	-	-	(138)	
At 31 December 2019	2,397	227	1,410	2,481	6,515	
Amortisation and impairment						
At 1 January 2018	-	-	-	-	-	
Amortisation	124	50	-	-	174	
At 31 December 2018	124	50	-	-	174	
Amortisation	95	30	-	-	125	
Impairment (Note 20)	-	-	-	200	200	
Assets held for sale	-	(3)	-	-	(3)	
At 31 December 2019	219	77	-	200	496	
Net book value						
At 31 December 2019	2,178	150	1,410	2,281	6,019	
At 31 December 2018	1,686	285	240	250	2,461	
At 1 January 2018	1,420	335	240	119	2,114	

There are two fire prevention research and development projects: one is to improve fire detection and sprinkler systems and the other is related to fire-retardant fabrics for motor vehicles and aircraft.

Acquisition during the year

Patents and licences include intangible assets acquired through business combinations. The patents have been granted for a minimum of 10 years by the relevant government agency, while licences have been acquired with the option to renew at the end of the period at little or no cost to the Group. Previous licences acquired have been renewed and have allowed the Group to determine that these assets have indefinite useful lives. As at 31 December 2019, these assets were tested for impairment ([Note 20](#)).

Notes to the consolidated financial statements

20. Goodwill and intangible assets with indefinite useful lives

For impairment testing goodwill acquired through business combinations and licences with indefinite useful lives are allocated to the electronics and fire prevention equipment CGUs, which are also operating and reportable segments.

Carrying amount of goodwill and licences allocated to each of the CGUs:

	Electronics unit			Fire prevention equipment unit			Total			
	2019	2018	1 Jan 2018	2019	2018	1 Jan 2018	2019	2018	1 Jan 2018	
	€000	€000	€000	€000	€000	€000	€000	€000	€000	
Goodwill	50	250	119	2,231	–	–	2,281	250	119	IAS 36.134(a)
Licences	360	–	–	1,050	240	240	1,410	240	240	IAS 36.134(b)

The Group performed its annual impairment test in December 2019 and 2018. The Group considers the relationship between its market capitalisation and its book value, among other factors, when reviewing for indicators of impairment. As at 31 December 2019, the market capitalisation of the Group was below the book value of its equity, indicating a potential impairment of goodwill and impairment of the assets of the operating segments. In addition, the overall decline in construction and development activities around the world, as well as the ongoing economic uncertainty, have led to a decreased demand in both the fire prevention equipment and electronics CGUs.

Electronics CGU

The recoverable amount of the electronics CGU of €37,562,000 as at 31 December 2019 has been determined based on a value in use calculation using cash flow projections from financial budgets approved by senior management covering a five-year period. The projected cash flows have been updated to reflect the decreased demand for products and services. The pre-tax discount rate applied to cash flow projections is 15.5% (2018: 12.1%) and cash flows beyond the five-year period are extrapolated using a 3.0% growth rate (2018: 5.0%) that is the same as the long-term average growth rate for the electronics industry. It was concluded that the fair value less costs of disposal did not exceed the value in use. As a result of this analysis, management has recognised an impairment charge of €200,000 in the current year against goodwill with a carrying amount of €250,000 as at 31 December 2018. The impairment charge is recorded within administrative expenses in the statement of profit or loss.

IAS 36.130(e)
IAS 36.134 (d)(iii)
IAS 36.134 (d)(iv)
IAS 36.134 (d)(v)
IAS 36.126(a)

Fire prevention equipment CGU

The recoverable amount of the fire prevention equipment CGU is also determined based on a value in use calculation using cash flow projections from financial budgets approved by senior management covering a five-year period. The projected cash flows have been updated to reflect the decreased demand for products and services. The pre-tax discount rate applied to the cash flow projections is 14.4% (2018: 12.8%). The growth rate used to extrapolate the cash flows of the unit beyond the five-year period is 4.1% (2018: 3.8%). This growth rate exceeds the industry average growth rate by 0.75%. Management of the fire prevention equipment unit believes this growth rate is justified based on the acquisition of Extinguishers Limited. This acquisition has resulted in the Group obtaining control of an industry patent, thereby preventing other entities from manufacturing a specialised product for a period of 10 years. The Group has an option to renew the patent after the 10 years have expired. As a result of the analysis, there is headroom of €5,674,000 and management did not identify an impairment for this CGU.

IAS 36.130(e)
IAS 36.134 (c)
IAS 36.134 (d)(iii)
IAS 36.134 (d)(iv)
IAS 36.134 (d)(v)

IAS 36.134 (f)(i)

Key assumptions used in value in use calculations and sensitivity to changes in assumptions

The calculation of value in use for both electronics and fire prevention equipment units is most sensitive to the following assumptions:

- ▶ Gross margins
- ▶ Discount rates
- ▶ Raw materials price inflation
- ▶ Market share during the forecast period
- ▶ Growth rates used to extrapolate cash flows beyond the forecast period

IAS 36.134 (d)(i)
IAS 36.134 (d)(ii)
IAS 36.134 (f)
IAS 36.134 (f)(ii)
IAS 36.134 (f)(iii)

Notes to the consolidated financial statements

20. Goodwill and intangible assets with indefinite useful lives *continued*

Gross margins – Gross margins are based on average values achieved in the three years preceding the beginning of the budget period. The gross margins for the electronics CGU and the fire prevention equipment CGU were 22.17% and 26.03%, respectively. These are increased over the budget period for anticipated efficiency improvements. An increase of 1.5% per annum was applied for the electronics unit and 2% per annum for the fire prevention equipment unit.

Decreased demand can lead to a decline in the gross margin. A decrease in the gross margin by 1.0% would result in a further impairment in the electronics unit. A decrease in the gross margin by 5.0% would result in impairment in the fire prevention equipment unit.

Discount rates – Discount rates represent the current market assessment of the risks specific to each CGU, taking into consideration the time value of money and individual risks of the underlying assets that have not been incorporated in the cash flow estimates. The discount rate calculation is based on the specific circumstances of the Group and its operating segments and is derived from its weighted average cost of capital (WACC). The WACC takes into account both debt and equity. The cost of equity is derived from the expected return on investment by the Group's investors. The cost of debt is based on the interest-bearing borrowings the Group is obliged to service. Segment-specific risk is incorporated by applying individual beta factors. The beta factors are evaluated annually based on publicly available market data. Adjustments to the discount rate are made to factor in the specific amount and timing of the future tax flows in order to reflect a pre-tax discount rate.

A rise in the pre-tax discount rate to 16.0% (i.e., +0.5%) in the electronics unit would result in a further impairment. A rise in the pre-tax discount rate to 15.6% (i.e. +1.2%) in the fire prevention equipment unit would result in impairment.

Raw materials price inflation – Estimates are obtained from published indices for the countries from which materials are sourced, as well as data relating to specific commodities. Forecast figures are used if data is publicly available (principally for Euroland and the United States), otherwise past actual raw material price movements are used as an indicator of future price movements.

Management has considered the possibility of greater-than-forecast increases in raw material price inflation. This may occur if anticipated regulatory changes result in an increase in demand that cannot be met by suppliers. Forecast price inflation lies within a range of 1.9% to 2.6% for the electronics unit and 2.1% to 4.5% for the fire prevention equipment unit, depending on the country from which materials are purchased. If prices of raw materials increase on average by 0.5% more than the forecast price inflation, the Group will have a further impairment.

Market share assumptions – When using industry data for growth rates (as noted below), these assumptions are important because management assesses how the unit's position, relative to its competitors, might change over the forecast period. Management expects the Group's share of the electronics market (20%) to be stable over the forecast period. Management expects the Group's position in the fire prevention equipment market relative to its competitors to strengthen following the acquisition of Extinguishers Limited. The Group's market share in the fire prevention equipment market is currently 37%.

Although management expects the Group's market share of the electronics market to be stable over the forecast period, a decline in the market share by 8% would result in a further impairment in the electronics unit. Similarly, a decline in market share in the fire prevention equipment market by 20% would result in impairment in the fire prevention equipment unit.

Growth rate estimates – Rates are based on published industry research. For the reasons explained above, the long-term rate used to extrapolate the budget for the fire prevention equipment unit includes an adjustment on account of the acquisition of a significant industry patent.

Management recognises that the speed of technological change and the possibility of new entrants can have a significant impact on growth rate assumptions. The effect of new entrants is not expected to have an adverse impact on the forecasts, but could yield a reasonably possible alternative to the estimated long-term growth rate of 5.2% for the electronics unit and 8.4% for the fire prevention equipment unit. A reduction by 0.8% in the long-term growth rate in the electronics unit would result in a further impairment. For the fire prevention equipment unit, a reduction by 0.3% in the long-term growth rate would result in impairment.

Notes to the consolidated financial statements

20. Goodwill and intangible assets with indefinite lives *continued*

Commentary

The Group has determined the recoverable amounts of its cash generating units (CGUs) based on value in use under IAS 36. If the recoverable amounts are determined using fair value less costs of disposal, IAS 36.134(e) requires disclosure of the valuation technique(s) and other information including: the key assumptions used; a description of management's approach to each key assumption; the level of fair value hierarchy and the reason(s) for changing valuation techniques, if there is any change. Furthermore, if fair value less cost of disposal is determined using discounted cash flow projections, additional information such as the period of cash flow projections, growth rate used to extrapolate cash flow projections and the discount rate(s) applied to the cash flow projections are required to be disclosed. An entity is not required to provide disclosures required under IFRS 13, these disclosures under IAS 36.134(e) are similar to those under IFRS 13.

IAS 36.134(d)(i) requires disclosure of key assumptions made for each CGU for which the carrying amount of goodwill or intangible assets with indefinite useful lives allocated is significant in comparison with the entity's total carrying amount of goodwill or intangible assets with indefinite useful lives. While the disclosures above have been provided for illustrative purposes, companies need to evaluate the significance of each assumption used for the purpose of this disclosure.

IAS 36.134(f) requires disclosures of sensitivity analysis for each CGU for which the carrying amount of goodwill or intangible assets with indefinite useful lives allocated to that CGU is significant in comparison with the entity's total carrying amount of goodwill or intangible assets with indefinite useful lives. These disclosures are made if a reasonably possible change in a key assumption used to determine the CGU's recoverable amount would cause the CGU's carrying amount to exceed its recoverable amount. The Group has made these disclosures for all the key assumptions for the electronics unit, since there is an impairment charge during the year and the carrying amount equals recoverable amount, and for the fire prevention equipment unit, as it is believed that a reasonably possible change in the key assumptions may cause impairment. Entities need to also take into account the consequential effect of a change in one assumption on other assumptions, as part of the sensitivity analyses when determining the point at which the recoverable amount equals the carrying amount (IAS 36.134(f)(iii)). The Group has considered this in the disclosures herein.

Notes to the consolidated financial statements

21. Financial assets and financial liabilities

21.1 Financial assets

	2019	2018	1 January 2018	IFRS 7.6 IFRS 7.8
	€000	€000	€000	
Derivatives not designated as hedging instruments				
Foreign exchange forward contracts	640	–	–	
Embedded derivatives	210	–	–	
Derivatives designated as hedging instruments				
Foreign exchange forward contracts	252	153	137	
Financial assets at fair value through profit or loss				
Listed equity investments	337	300	334	
Equity instruments designated at fair value through OCI				
Non-listed equity investments				IFRS 7.11A(a)
Power Limited	417	205	203	IFRS 7.11A(c)
Power Supplier Inc.	258	185	183	
Electronics Manufacturing Inc.	70	151	149	
Electronics Seller Inc.	293	–	–	
Electronic Test Ltd.	–	308	303	
Electronics Supplier Ltd.	–	49	50	
	1,038	898	888	
Debt instruments at fair value through OCI				
Quoted debt instruments	1,622	1,610	1,043	
Total financial assets at fair value	4,099	2,961	2,402	
Debt instruments at amortised cost				
Trade receivables (Note 23)	25,672	22,290	25,537	
Loan to an associate	200	–	–	
Loan to a director	13	8	8	
Total financial assets*	29,984	25,259	27,947	
Total current	26,223	22,443	25,674	
Total non-current	3,761	2,816	2,273	

* Financial assets, other than cash and short-term deposits

Derivatives not designated as hedging instruments reflect the positive change in fair value of those foreign exchange forward contracts that are not designated in hedge relationships, but are, nevertheless, intended to reduce the level of foreign currency risk for expected sales and purchases. IFRS 7.32A

Derivatives designated as hedging instruments reflect the positive change in fair value of foreign exchange forward contracts, designated as cash flow hedges to hedge highly probable forecast sales in US dollars (USD).

Financial assets at fair value through profit or loss include investments in listed equity shares. Fair values of these equity shares are determined by reference to published price quotations in an active market.

Equity instruments designated at fair value through OCI include investments in equity shares of non-listed companies. The Group holds non-controlling interests (between 2% and 9%) in these companies. These investments were irrevocably designated at fair value through OCI as the Group considers these investments to be strategic in nature. IFRS 7.11A(b)

In 2019, the Group sold its equity interest in Electronics Supplier Ltd. as this investment no longer coincides with the Group's investment strategy. The fair value on the date of sale is €50,000 and the accumulated gain recognised in OCI of €7,000 was transferred to retained earnings. In 2019, the Group received dividends in the amount of €3,000 from Power Limited. IFRS 7.11A(e)
IFRS 7.11B

Notes to the consolidated financial statements

21. Financial assets and financial liabilities *continued*

21.1 Financial assets *continued*

Debt instruments at fair value through OCI include investments in quoted government and corporate bonds. Fair values of these debt instruments are determined by reference to published price quotations in an active market.

Debt instruments at amortised cost include trade receivables and receivables from related parties.

Commentary

IFRS 7.11A requires disclosure of which investments in equity instruments have been designated to be measured at fair value through OCI and the fair value of each such investment at the end of the reporting period. For illustrative purposes, the Group provided disclosure for each individual investment.

Entities will need to apply the concept of materiality for this disclosure requirement, such that disclosures are provided separately for investments that are themselves material and aggregated disclosures may suffice for immaterial items.

21.2 Financial liabilities: Interest-bearing loans and borrowings

	Interest rate	Maturity	2019	2018	1 January 2018	IFRS 7.7
	%		€000	€000	€000	
Current interest-bearing loans and borrowings						
Lease liabilities (Note 31)	4.5-7.8	2020	455	418	433	
Bank overdrafts	EURIBOR+1.0	On demand	966	2,650	4,327	
€1,500,000 bank loan	EURIBOR+0.5	1 Nov 2020	1,411	–	–	
€2,200,000 bank loan	EURIBOR+0.5	31 Mar 2019	–	74	74	
Total current interest-bearing loans and borrowings			2,832	3,142	4,834	
Non-current interest-bearing loans and borrowings						
Lease liabilities (Note 31)	4.5-7.8	2021-2032	2,706	2,553	2,656	
8% debentures	8.2	2021-2026	3,374	3,154	1,218	
8.25% secured loan of USD3,600,000	*LIBOR+0.2	31 May 2024	2,246	–	–	
Secured bank loan	LIBOR+2.0	31 Jul 2024	3,479	3,489	3,489	
€1,500,000 bank loan (2018: €1,400,000)	EURIBOR+0.5	1 Nov 2020	–	1,357	1,357	
€2,750,000 bank loan (2018: €2,500,000)	EURIBOR+1.1	2021-2023	2,486	2,229	2,229	
€2,200,000 bank loan	EURIBOR+0.5	31 Mar 2022	2,078	2,078	2,078	
€5,809,000 bank loan	7.5	1 Jan 2023	–	5,809	5,809	
Loan from a third-party investor in Fire Equipment Test Lab Limited	11.0	2021	3,000	–	–	
Convertible preference shares	11.6	2023	2,778	2,644	2,522	
Total non-current interest-bearing loans and borrowings			22,147	23,313	21,358	
Total interest-bearing loans and borrowings			24,979	26,455	26,192	

* Includes the effects of related interest rate swaps.

Commentary

IFRS 7.7 only requires disclosure of information that enables users of the financial statements to evaluate the significance of financial instruments for its financial position and performance. As the Group has a significant amount of interest-bearing loans and borrowings on its statement of financial position, it has decided to provide detailed information to the users of the financial statements about the EIR as well as the maturity of the loans.

Notes to the consolidated financial statements

21. Financial assets and financial liabilities *continued*

21.2 Financial liabilities: Interest-bearing loans and borrowings *continued*

Bank overdrafts

The bank overdrafts are secured by a portion of the Group's short-term deposits.

IFRS 7.7

€1,500,000 bank loan

This loan is unsecured and is repayable in full on 1 November 2019.

8% debentures

The 8% debentures are repayable in equal annual instalments of €350,000 commencing on 1 January 2020.

8.25% secured loan

The loan is secured by a first charge over certain of the Group's land and buildings with a carrying value of €2,400,000 (2018: €Nil, 1 January 2018: €Nil).

Secured bank loan

This loan has been drawn down under a six-year multi-option facility (MOF). The loan is repayable within 12 months after the reporting date, but has been classified as long term because the Group expects, and has the discretion, to exercise its rights under the MOF to refinance this funding. Such immediate replacement funding is available until 31 July 2025. The total amount repayable on maturity is €3,500,000. The facility is secured by a first charge over certain of the Group's land and buildings, with a carrying value of €5,000,000 (2018: €5,000,000, 1 January 2018: €4,500,000).

IAS 1.73

€2,750,000 bank loan

The Group increased its borrowings under this loan contract by €250,000 during the reporting period. This loan is repayable in two instalments of €1,250,000 due on 31 December 2022 and €1,500,000 due on 31 December 2024.

€2,200,000 bank loan

This loan is unsecured and is repayable in full on 31 March 2021. As of 31 December 2018, €74,000 was repayable on 31 March 2019.

€5,809,000 bank loan

This loan has been transferred to the net balance of the liabilities held for sale.

Convertible preference shares

At 31 December 2019 and 2018 and 1 January 2018, there were 2,500,000 convertible preference shares in issue. Each share has a par value of €1 and is convertible at the option of the shareholders into ordinary shares of the parent of the Group on 1 January 2021 on the basis of one ordinary share for every three preference shares held.

Any preference shares not converted will be redeemed on 31 December 2024 at a price of €1.20 per share. The preference shares carry a dividend of 7% per annum, payable half-yearly in arrears on 30 June and 31 December. The dividend rights are non-cumulative. The preference shares rank ahead of the ordinary shares in the event of a liquidation. The presentation of the equity portion of these shares is explained in [Note 25](#) below.

IAS 1.79(a)(v)

Notes to the consolidated financial statements

21. Financial assets and financial liabilities *continued*

21.2 Financial liabilities: Interest-bearing loans and borrowings *continued*

Other financial liabilities

	2019	2018	1 January 2018
	€000	€000	€000
Derivatives not designated as hedging instruments			
Foreign exchange forward contracts	720	–	–
Embedded derivatives	782	–	–
Derivatives designated as hedging instruments			
Foreign exchange forward contracts	170	254	303
Commodity forward contracts	980	–	–
Interest rate swaps	35	–	–
Financial liabilities at fair value through profit or loss			
Contingent consideration (Note 8)	1,072	–	–
Total financial instruments at fair value	3,759	254	303
Other financial liabilities at amortised cost, other than interest-bearing loans and borrowings			
Trade and other payables (Note 30)	16,969	20,023	18,248
Total other financial liabilities	20,728	20,227	18,551
Total current	19,922	20,227	18,551
Total non-current	806	–	–

Derivatives not designated as hedging instruments reflect the negative change in fair value of those foreign exchange forward contracts that are not designated in hedge relationships, but are, nevertheless, intended to reduce the level of foreign currency risk for expected sales and purchases.

Derivatives designated as hedging instruments reflect the negative change in fair value of foreign exchange forward contracts, designated as cash flow hedges to hedge highly probable future purchases in GBP. This also includes the change in fair value of commodity forward contracts entered into during 2019.

IFRS 7.32A

Contingent consideration

As part of the purchase agreement with the previous owner of Extinguishers Limited, a contingent consideration has been agreed. This consideration is dependent on the profit before tax of Extinguishers Limited during a 12 month period. The fair value of the contingent consideration at the acquisition date was €714,000. The fair value increased to €1,071,500 as at 31 December 2019 due to a significantly enhanced performance compared to budget. The contingent consideration is due for final measurement and payment to the former shareholders on 30 September 2020.

IFRS 3.B64(g)

Commentary

IFRS 7 requires an entity to disclose information about rights to set off financial instruments and related arrangements (e.g., collateral agreements) and to provide users with information that is useful in evaluating the effect of netting arrangements on an entity's financial position.

The Group is not setting off financial instruments in accordance with IAS 32 and does not have relevant offsetting arrangements. However, if an entity has recognised financial instruments that are set off in accordance with IAS 32 or are subject to an enforceable master netting arrangement or similar agreement, even if the financial instruments are not set off in accordance with IAS 32, then the disclosures in IFRS 7.13A-13E will be required.

Notes to the consolidated financial statements

21. Financial assets and financial liabilities *continued*

21.3 Hedging activities and derivatives

The Group is exposed to certain risks relating to its ongoing business operations. The primary risks managed using derivative instruments are foreign currency risk, commodity price risk, and interest rate risk.

IFRS 7.21A

The Group's risk management strategy and how it is applied to manage risk are explained in [Note 21.5](#) below.

Commentary

The disclosure requirements for entities applying hedge accounting are set out in IFRS 7.21A-24G. The objective of the hedge accounting disclosures is for entities to disclose information about:

- ▶ The risk management strategy and how it is applied to manage risks (IFRS 7.22A-22C)
- ▶ How the risk management activities may affect the amount, timing and uncertainty of future cash flows (IFRS 7.23A-23F)
- ▶ The effect hedge accounting had on the statement of financial position, the statement of comprehensive income and the statement of changes in equity (IFRS 7.24A-24F)

In applying this objective, an entity has to consider the necessary level of detail, the balance between different disclosure requirements, the appropriate level of disaggregation and whether additional explanations are necessary to meet the objective.

The hedge accounting disclosures should be presented in a single note or a separate section of the financial statements. An entity may include information by cross-referencing to information presented elsewhere, such as a risk report, provided that information is available to users of the financial statements on the same terms as the financial statements and at the same time.

Derivatives not designated as hedging instruments

The Group uses foreign currency-denominated borrowings and foreign exchange forward contracts to manage some of its transaction exposures. The foreign exchange forward contracts are not designated as cash flow hedges and are entered into for periods consistent with foreign currency exposure of the underlying transactions, generally from one to 24 months.

Derivatives designated as hedging instruments

Cash flow hedges

Foreign currency risk

Foreign exchange forward contracts are designated as hedging instruments in cash flow hedges of forecast sales in US dollar and forecast purchases in GBP. These forecast transactions are highly probable, and they comprise about 25% of the Group's total expected sales in US dollars and about 65% of its total expected purchases in GBP. The foreign exchange forward contract balances vary with the level of expected foreign currency sales and purchases and changes in foreign exchange forward rates.

IFRS 7.22B(a)

Commodity price risk

The Group purchases copper on an ongoing basis as its operating activities in the electronic division require a continuous supply of copper for the production of its electronic devices. The increased volatility in copper price over the past 12 months has led to the decision to enter into commodity forward contracts.

IFRS 7.22B(a)

These contracts, which commenced on 1 July 2019, are expected to reduce the volatility attributable to price fluctuations of copper. Hedging the price volatility of forecast copper purchases is in accordance with the risk management strategy outlined by the Board of Directors.

There is an economic relationship between the hedged items and the hedging instruments as the terms of the foreign exchange and commodity forward contracts match the terms of the expected highly probable forecast transactions (i.e., notional amount and expected payment date). The Group has established a hedge ratio of 1:1 for the hedging relationships as the underlying risk of the foreign exchange and commodity forward contracts are identical to the hedged risk components. To test the hedge effectiveness, the Group uses the hypothetical derivative method and compares the changes in the fair value of the hedging instruments against the changes in fair value of the hedged items attributable to the hedged risks.

IFRS 7.22B(b)
IFRS 7.22B(c)
IFRS 7.22C

Notes to the consolidated financial statements

21. Financial assets and financial liabilities *continued*

21.3 Hedging activities and derivatives *continued*

The hedge ineffectiveness can arise from:

IFRS 7.22B(c)

- ▶ Differences in the timing of the cash flows of the hedged items and the hedging instruments
- ▶ Different indexes (and accordingly different curves) linked to the hedged risk of the hedged items and hedging instruments
- ▶ The counterparties' credit risk differently impacting the fair value movements of the hedging instruments and hedged items
- ▶ Changes to the forecasted amount of cash flows of hedged items and hedging instruments

The Group is holding the following foreign exchange and commodity forward contracts:

	Maturity					IFRS 7.23B
	Less than 1 month	1 to 3 months	3 to 6 months	6 to 9 months	9 to 12 months	Total
As at 31 December 2019						
Foreign exchange forward contracts (highly probable forecast sales)						
Notional amount(in €000)	2,950	3,000	3,150	3,450	3,250	15,800
Average forward rate (EUR/USD)	1.166	1.169	1.172	1.175	1.185	–
Foreign exchange forward contracts (highly probable forecast purchases)						
Notional amount(in €000)	1,450	1,330	1,880	1,750	1,550	7,960
Average forward rate (EUR/GBP)	0.876	0.877	0.878	0.879	0.881	–
Commodity forward contracts						
Notional amount (in tonnes)	–	–	450	530	–	980
Notional amount (in €000)	–	–	2,600	3,000	–	5,600
Average hedged rate (in €000 per tonne)	–	–	5.77	5.66	–	–
As at 31 December 2018						
Foreign exchange forward contracts (highly probable forecast sales)						
Notional amount(in €000)	2,650	2,850	3,000	3,200	2,900	14,600
Average forward rate (EUR/USD)	1.200	1.203	1.206	1.209	1.211	–
Foreign exchange forward contracts (highly probable forecast purchases)						
Notional amount(in €000)	1,250	1,150	1,500	1,600	1,450	6,950
Average forward rate (EUR/GBP)	0.882	0.883	0.884	0.885	0.886	–
As at 1 January 2018						
Foreign exchange forward contracts (highly probable forecast sales)						
Notional amount(in €000)	2,300	2,650	2,850	3,000	3,200	14,000
Average forward rate (EUR/USD)	1.210	1.212	1.214	1.217	1.219	–
Foreign exchange forward contracts (highly probable forecast purchases)						
Notional amount(in €000)	1,350	1,250	1,150	1,500	1,600	6,850
Average forward rate (EUR/GBP)	0.891	0.894	0.897	0.899	0.891	–

IFRS 7.23B

Notes to the consolidated financial statements

21. Financial assets and financial liabilities *continued*

21.3 Hedging activities and derivatives *continued*

IFRS 7.24A

The impact of the hedging instruments on the statement of financial position is, as follows:

	Notional amount	Carrying amount	Line item in the statement of financial position	Change in fair value used for measuring ineffectiveness for the period	IFRS 7.24A(a) IFRS 7.24A(b) IFRS 7.24A(c) IFRS 7.24A(d)
	€000	€000		€000	
As at 31 December 2019					
Foreign exchange forward contracts	15,800	252	Other current financial assets	386	
Foreign exchange forward contracts	7,960	(170)	Other current financial liabilities	(99)	
Commodity forward contracts	5,600	(980)	Other current financial liabilities	(980)	
As at 31 December 2018					
Foreign exchange forward contracts	14,600	153	Other current financial assets	137	
Foreign exchange forward contracts	6,950	(254)	Other current financial liabilities	(31)	
As at 1 January 2018					
Foreign exchange forward contracts	14,000	137	Other current financial assets	–	
Foreign exchange forward contracts	6,850	(303)	Other current financial liabilities	–	

The impact of hedged items on the statement of financial position is, as follows:

	31 December 2019			31 December 2018			IFRS 7.24B(b)
	Change in fair value used for measuring ineffectiveness	Cash flow hedge reserve	Cost of hedging reserve	Change in fair value used for measuring ineffectiveness	Cash flow hedge reserve	Cost of hedging reserve	
	€000	€000	€000	€000	€000	€000	
Highly probable forecast sales	386	165	12	137	107	–	
Highly probable forecast purchases	(99)	(110)	(9)	(31)	(177)	–	
Copper purchases	(915)	(617)	(23)	–	–	–	

The effect of the cash flow hedge in the statement of profit or loss and other comprehensive income is, as follows:

	Total hedging gain/(loss) recognised in OCI	Ineffective-ness recognised in profit or loss	Line item in the statement of profit or loss	Cost of hedging recognised in OCI	Amount reclassified from OCI to profit or loss	Line item in the statement of profit or loss	IFRS 7.24C(b)
	€000	€000		€000	€000		
Year ended 31 December 2019							
Highly probable forecast sales	386	–	–	21	(283)	Revenue	
Highly probable forecast purchases	(99)	–	–	(16)	–	–	
Copper purchases	(915)	65	Other operating expenses	(33)	–	–	
Year ended 31 December 2018							
Highly probable forecast sales	137	–	–	–	(125)	Revenue	
Highly probable forecast purchases	(31)	–	–	–	53	Cost of sales	

Commentary

IFRS 7.24C(b)(iv) requires that the amount reclassified from cash flow hedge reserve into profit or loss as a reclassification adjustment be differentiated between: (a) amounts for which hedge accounting had previously been used, but for which the hedged future cash flows are no longer expected to occur; and (b) the amounts that have been transferred because the hedged item has affected profit or loss. The amounts reclassified by the Group from OCI to profit or loss only relates to the latter.

Notes to the consolidated financial statements

21. Financial assets and financial liabilities *continued*

21.3 Hedging activities and derivatives *continued*

Fair value hedge

At 31 December 2019, the Group had an interest rate swap agreement in place with a notional amount of USD3,600,000 (€2,246,000) (2018: €Nil, 1 January 2018: €Nil) whereby the Group receives a fixed rate of interest of 8.25% and pays interest at a variable rate equal to LIBOR+0.2% on the notional amount. The swap is being used to hedge the exposure to changes in the fair value of its fixed rate 8.25% secured loan.

IFRS 7.22B(a)

There is an economic relationship between the hedged item and the hedging instrument as the terms of the interest rate swap match the terms of the fixed rate loan (i.e., notional amount, maturity, payment and reset dates). The Group has established a hedge ratio of 1:1 for the hedging relationships as the underlying risk of the interest rate swap is identical to the hedged risk component. To test the hedge effectiveness, the Group uses the hypothetical derivative method and compares the changes in the fair value of the hedging instrument against the changes in fair value of the hedged item attributable to the hedged risk.

IFRS 7.22B(b)
IFRS 7.22B(c)
IFRS 7.22C

The hedge ineffectiveness can arise from:

- ▶ Different interest rate curve applied to discount the hedged item and hedging instrument
- ▶ Differences in timing of cash flows of the hedged item and hedging instrument
- ▶ The counterparties' credit risk differently impacting the fair value movements of the hedging instrument and hedged item

The impact of the hedging instrument on the statement of financial position as at 31 December 2019 is, as follows:

IFRS 7.24A

	Notional amount	Carrying amount	Line item in the statement of financial position	Change in fair value used for measuring ineffectiveness for the period
	US\$000	€000		€000
Interest rate swap	3,600	35	Other current financial liability	35

IFRS 7.24A(a)
IFRS 7.24A(b)
IFRS 7.24A(c)
IFRS 7.24A(d)

The impact of the hedged item on the statement of financial position as at 31 December 2019 is, as follows:

IFRS 7.24B(a)

	Carrying amount	Accumulated fair value adjustments	Line item in the statement of financial position	Change in fair value used for measuring ineffectiveness for the period
	€000	€000		€000
Fixed-rate borrowing	2,246	35	Interest-bearing loans and borrowings	35

The ineffectiveness recognised in the statement of profit or loss was immaterial.

Hedge of net investments in foreign operations

Included in interest-bearing loans at 31 December 2019 was a borrowing of USD3,600,000 which has been designated as a hedge of the net investments in the two subsidiaries in the United States, Wireworks Inc. and Sprinklers Inc., beginning 2019. This borrowing is being used to hedge the Group's exposure to the USD foreign exchange risk on these investments. Gains or losses on the retranslation of this borrowing are transferred to OCI to offset any gains or losses on translation of the net investments in the subsidiaries.

IFRS 7.22B(a)

There is an economic relationship between the hedged item and the hedging instrument as the net investment creates a translation risk that will match the foreign exchange risk on the USD borrowing. The Group has established a hedge ratio of 1:1 as the underlying risk of the hedging instrument is identical to the hedged risk component. The hedge ineffectiveness will arise when the amount of the investment in the foreign subsidiary becomes lower than the amount of the fixed rate borrowing.

IFRS 7.22B(b)
IFRS 7.22B(c)
IFRS 7.22C

Notes to the consolidated financial statements

21. Financial assets and financial liabilities *continued*

21.3 Hedging activities and derivatives *continued*

The impact of the hedging instrument on the statement of financial position as at 31 December 2019 is, as follows:

IFRS 7.24A

	Notional amount US\$000	Carrying amount €000	Line item in the statement of financial position	Change in fair value used for measuring ineffectiveness for the period €000
Foreign currency denominated borrowing	3,600	2,246	Interest-bearing loans and borrowings	278

IFRS 7.24A(a)
IFRS 7.24A(b)
IFRS 7.24A(c)
IFRS 7.24A(d)

The impact of the hedged item on the statement of financial position is, as follows:

IFRS 7.24B(b)

	Change in fair value used for measuring ineffectiveness €000	Foreign currency translation reserve €000
Net investment in foreign subsidiaries	278	195

The hedging gain recognised in OCI before tax is equal to the change in fair value used for measuring effectiveness. There is no ineffectiveness recognised in profit or loss.

IFRS 7.24B(b)

Impact of hedging on equity

Set out below is the reconciliation of each component of equity and the analysis of other comprehensive income:

IFRS 7.24E
IFRS 7.24F

	Cash flow hedge reserve €000	Cost of hedging reserve	Foreign currency translation reserve €000
As at 1 January 2018	(94)	–	(327)
Effective portion of changes in fair value arising from:			
Foreign exchange forward contracts - forecast sales	137	–	–
Foreign exchange forward contracts - forecast purchases	(31)	–	–
Amount reclassified to profit or loss	(72)	–	–
Foreign currency revaluation of the net foreign operations*	–	–	(117)
Tax effect	(10)	–	–
As at 1 January 2019	(70)	–	(444)
Effective portion of changes in fair value arising from:			
Foreign exchange forward contracts - forecast sales	365	21	–
Foreign exchange forward contracts - forecast purchases	(83)	(16)	–
Commodity forward contracts	(882)	(33)	–
Amount reclassified to profit or loss	(283)	(4)	–
Amount transferred to inventories	180	3	–
Foreign currency revaluation of the USD borrowing	–	–	278
Foreign currency revaluation of the net foreign operations	–	–	(246)
Tax effect	211	9	(83)
As at 31 December 2019	(562)	(20)	(495)

* Hedging of net investment in foreign operations only started in 2019.

Embedded derivatives

In 2019, the Group entered into long-term sale contracts with a customer in Canada. The functional currency of the customer is USD. The selling price in the contracts is fixed and set in Canadian dollars (CAD). The contracts require physical delivery and will be held for the purpose of the delivery of the commodity in accordance with the buyer's expected sales requirements. The contracts have embedded foreign exchange derivatives that are required to be separated.

IFRS 9.4.3.3

Notes to the consolidated financial statements

21. Financial assets and financial liabilities *continued*

21.3 Hedging activities and derivatives *continued*

The Group also entered into various purchase contracts for brass and chrome (for which there is an active market) with a number of suppliers in South Africa and Russia. The prices in these purchase contracts are linked to the price of electricity. The contracts have embedded commodity swaps that are required to be separated.

The embedded foreign currency and commodity derivatives have been separated and are carried at fair value through profit or loss. The carrying values of the embedded derivatives at 31 December 2019 amounted to €210,000 (other financial assets) (2018: €Nil, 1 January 2018: €Nil) and €782,000 (other financial liabilities) (2018: €Nil, 1 January 2018: €Nil). The effects on profit or loss are reflected in operating income and operating expenses, respectively.

21.4 Fair values

Set out below is a comparison, by class, of the carrying amounts and fair values of the Group's financial instruments, other than those with carrying amounts that are reasonable approximations of fair values:

IFRS 7.25
IFRS 7.26
IFRS 7.29

	2019		2018		1 January 2018	
	Carrying amount	Fair value	Carrying amount	Fair value	Carrying amount	Fair value
	€000	€000	€000	€000	€000	€000
Financial assets						
Loans to an associate and a director	213	208	8	9	8	7
Non-listed equity investments	1,038	1,038	898	898	888	888
Listed equity investments	337	337	300	300	334	334
Quoted debt instruments	1,622	1,622	1,610	1,610	1,043	1,043
Foreign exchange forward contracts	640	640	–	–	–	–
Embedded derivatives	210	210	–	–	–	–
Foreign exchange forward contracts in cash flow hedges	252	252	153	153	137	137
Total	4,312	4,307	2,969	2,970	2,969	2,970
Financial liabilities						
Interest-bearing loans and borrowings						
Floating rate borrowings*	(12,666)	(12,666)	(11,877)	(11,877)	(13,554)	(13,554)
Fixed rate borrowings	(6,374)	(6,321)	(8,239)	(8,944)	(7,027)	(7,219)
Convertible preference shares	(2,778)	(2,766)	(2,644)	(2,621)	(2,522)	(2,517)
Contingent consideration	(1,072)	(1,072)	–	–	–	–
Derivatives not designated as hedges						
Foreign exchange forward contracts	(720)	(720)	–	–	–	–
Embedded derivatives	(782)	(782)	–	–	–	–
Derivatives in effective hedges	(1,185)	(1,185)	(254)	(254)	(303)	(303)
Total	(25,577)	(25,512)	(23,014)	(23,696)	(23,406)	(23,539)

* Includes an 8.25% secured loan carried at amortised cost adjusted for the fair value movement due to the hedged interest rate risk.

Commentary

IFRS 7.29 provides that disclosure of the fair values of financial instruments is not required:

- ▶ When the carrying amount is a reasonable approximation of fair value (e.g., short-term trade receivables and payables)
- ▶ For a contract containing a discretionary participating feature (as described in IFRS 4) if the fair value of that feature cannot be measured reliably
- Or
- ▶ For lease liabilities

Notes to the consolidated financial statements

21. Financial assets and financial liabilities *continued*

21.4 Fair values *continued*

The management assessed that the fair values of cash and short-term deposits, trade receivables, trade payables, bank overdrafts and other current liabilities approximate their carrying amounts largely due to the short-term maturities of these instruments.

IFRS 13.93(d)
IFRS 13.97
IFRS 7.29

The following methods and assumptions were used to estimate the fair values:

- ▶ Long-term fixed-rate and variable-rate receivables/borrowings are evaluated by the Group based on parameters such as interest rates, specific country risk factors, individual creditworthiness of the customer and the risk characteristics of the financed project. Based on this evaluation, allowances are taken into account for the estimated losses of these receivables.
- ▶ The fair values of the quoted notes and bonds are based on price quotations at the reporting date. The fair value of unquoted instruments, loans from banks and other financial liabilities, as well as other non-current financial liabilities is estimated by discounting future cash flows using rates currently available for debt on similar terms, credit risk and remaining maturities. In addition to being sensitive to a reasonably possible change in the forecast cash flows or the discount rate, the fair value of the equity instruments is also sensitive to a reasonably possible change in the growth rates. The valuation requires management to use unobservable inputs in the model, of which the significant unobservable inputs are disclosed in the tables below. Management regularly assesses a range of reasonably possible alternatives for those significant unobservable inputs and determines their impact on the total fair value.
- ▶ The fair values of the non-listed equity investments have been estimated using a DCF model. The valuation requires management to make certain assumptions about the model inputs, including forecast cash flows, the discount rate, credit risk and volatility. The probabilities of the various estimates within the range can be reasonably assessed and are used in management's estimate of fair value for these non-listed equity investments.
- ▶ There is an active market for the Group's listed equity investments and quoted debt instruments.
- ▶ The Group enters into derivative financial instruments with various counterparties, principally financial institutions with investment grade credit ratings. Interest rate swaps, foreign exchange forward contracts and commodity forward contracts are valued using valuation techniques, which employ the use of market observable inputs. The most frequently applied valuation techniques include forward pricing and swap models using present value calculations. The models incorporate various inputs including the credit quality of counterparties, foreign exchange spot and forward rates, yield curves of the respective currencies, currency basis spreads between the respective currencies, interest rate curves and forward rate curves of the underlying commodity. Some derivative contracts are fully cash collateralised, thereby eliminating both counterparty risk and the Group's own non-performance risk. As at 31 December 2019, the mark-to-market value of other derivative asset positions is net of a credit valuation adjustment attributable to derivative counterparty default risk. The changes in counterparty credit risk had no material effect on the hedge effectiveness assessment for derivatives designated in hedge relationships and other financial instruments recognised at fair value.
- ▶ Embedded foreign currency and commodity derivatives are measured similarly to the foreign currency forward contracts and commodity derivatives. The embedded derivatives are commodity and foreign currency forward contracts which are separated from long-term sales contracts where the transaction currency differs from the functional currencies of the involved parties. However, as these contracts are not collateralised, the Group also takes into account the counterparties' credit risks (for the embedded derivative assets) or the Group's own non-performance risk (for the embedded derivative liabilities) and includes a credit valuation adjustment or debit valuation adjustment, as appropriate, by assessing the maximum credit exposure and taking into account market-based inputs concerning probabilities of default and loss given default.
- ▶ The fair values of the Group's interest-bearing loans and borrowings are determined by using the DCF method using discount rate that reflects the issuer's borrowing rate as at the end of the reporting period. The Group's own non-performance risk as at 31 December 2019 was assessed to be insignificant.

Notes to the consolidated financial statements

21. Financial assets and financial liabilities *continued*

21.4 Fair values *continued*

Description of significant unobservable inputs to valuation:

The significant unobservable inputs used in the fair value measurements categorised within Level 3 of the fair value hierarchy, together with a quantitative sensitivity analysis as at 31 December 2019, 31 December 2018 and 1 January 2018 are shown below:

	Valuation technique	Significant unobservable inputs	Range/point estimate (weighted average)	Sensitivity of the input to fair value	IFRS 13.93(d) IFRS 13.93(h)(i) IFRS 13.93(h)(ii) IFRS 13.97
Non-listed equity investments – power sector	DCF method	Long-term growth rate for cash flows for subsequent years	2019: 3.1% - 5.2% (4.2%) 2018: 3.1% - 5.1% (4%) 1 January 2018: 4.1%	5% (2018: 5%) increase (decrease) in the growth rate would result in an increase (decrease) in fair value by €17,000 (2018: €15,000)	
		Long-term operating margin	2019: 5.0% - 12.1% (8.3%) 2018: 5.2% - 12.3% (8.5%) 1 January 2018: 8.4%	15% (2018: 12%) increase (decrease) in the margin would result in an increase (decrease) in fair value by €21,000 (2018: €19,000)	
		WACC	2019: 11.2% - 14.3% (12.6%) 2018: 11.5% - 14.1% (12.3%) 1 January 2018: 12.4%	1% (2018: 2%) increase (decrease) in the WACC would result in a decrease (increase) in fair value by €10,000 (2018: €15,000)	
		Discount for lack of marketability	2019: 5.1% - 15.6% (12.1%) 2018: 5.4% - 15.7% (12.3%) 1 January 2018: 12.1%	2% (2018: 3%) increase (decrease) in the discount would decrease (increase) the fair value by €8,000 (2018: €9,000)	
Non-listed equity investments – electronics sector	DCF method	Long-term growth rate for cash flows for subsequent years	2019: 4.4% - 6.1% (5.3%) 2018: 4.6% - 6.7% (5.5%) 1 January 2018: 5.4%	3% (2018: 3%) increase (decrease) in the growth rate would result in an increase (decrease) in fair value by €23,000 (2018: €25,000)	
		Long-term operating margin	2019: 10.0% - 16.1% (14.3%) 2018: 10.5% - 16.4% (14.5%) 1 January 2018: 14.5%	5% (2018: 4%) increase (decrease) in the margin would result in an increase (decrease) in fair value by €12,000 (2018: €13,000)	
		WACC	2019: 12.1% - 16.7% (13.2%) 2018: 12.3% - 16.8% (13.1%) 1 January 2018: 13.1%	1% (2018: 2%) increase (decrease) in the WACC would result in a decrease (increase) in fair value by €21,000 (2018: €22,000)	
		Discount for lack of marketability	2019: 5.1% - 20.2% (16.3%) 2018: 5.3% - 20.4% (16.4%) 1 January 2018: 16.5%	1.5% (2018: 2%) increase (decrease) in the discount would decrease (increase) the fair value by €7,500 (2018: €8,200)	

Notes to the consolidated financial statements

21. Financial assets and financial liabilities *continued*

21.4 Fair values *continued*

	Valuation technique	Significant unobservable inputs	Range/point estimate (weighted average)	Sensitivity of the input to fair value
Embedded derivative assets	Forward pricing model	Discount for counterparty credit risk	2019: 0.02% - 0.05% (0.04%) 2018: – 1 January 2018: –	0.5% increase (decrease) would result in an increase (decrease) in fair value by €23,000
Embedded derivative liabilities	Forward pricing model	Discount for non-performance risk	2019: 0.01% - 0.05% (0.03%) 2018: – 1 January 2018: –	0.4% increase (decrease) would result in an increase (decrease) in fair value by €20,000
Loans to an associate and a director	DCF method	Constant prepayment rate	2019: 1.5% - 2.5% (2.0%) 2018: 1.6% - 2.7% (2.2%) 1 January 2018: 2.1%	1% (2018: 2%) increase (decrease) would result in an increase (decrease) in fair value by €25,000 (2018: €21,000)
		Discount for non-performance risk	2019: 0.08% 2018: 0.09% 1 January 2018: 0.09%	0.4% (2018: 0.4%) increase (decrease) would result in an increase (decrease) in fair value by €21,000 (2018: €20,000)
Contingent consideration liability	DCF method	Assumed probability-adjusted profit before tax of Extinguishers Limited	2019: €1,514,000 2018: – 1 January 2018: –	10% decrease in the assumed probability-adjusted profit before tax of Extinguishers Limited results in a decrease in fair value of the contingent consideration liability by €390,000. 5% increase in the assumed probability-adjusted profit before tax of Extinguishers Limited would not change fair value of the contingent consideration liability.

Notes to the consolidated financial statements

21. Financial assets and financial liabilities *continued*

21.4 Fair values *continued*

Valuation technique	Significant unobservable inputs	Range /point estimate (weighted average)	Sensitivity of the input to fair value
	Discount rate	2019: 14% 2018: – 1 January 2018: –	2% increase (decrease) in the discount rate would result in an increase (decrease) in fair value of the contingent consideration liability by €25,000
	Discount for own non-performance risk	2019: 0.05% 2018: – 1 January 2018: –	0.4% increase (decrease) in the discount for own non-performance risk would result in an increase (decrease) in fair value of the contingent consideration liability by €5,000

The discount for lack of marketability represents the amounts that the Group has determined that market participants would take into account when pricing the investments.

Reconciliation of fair value measurement of non-listed equity investments classified as equity instruments designated at fair value through OCI:

	Power €000	Electronics €000	Total €000	
As at 1 January 2018	386	502	888	IFRS 13.93(e)(ii)
Remeasurement recognised in OCI	4	6	10	IFRS 13.93(e)(iii)
Purchases	–	–	–	
Sales	–	–	–	
As at 1 January 2019	390	508	898	
Remeasurement recognised in OCI	54	(80)	(26)	
Purchases	231	293	524	
Reclassified in assets held for sale	–	(308)	(308)	
Sales	–	(50)	(50)	
As at 31 December 2019	675	363	1,038	

Reconciliation of fair value measurement of embedded derivative assets and liabilities:

	Embedded foreign exchange derivative asset Canadian dollar €000	Embedded commodity derivative liability Brass €000	Chrome €000
As at 1 January 2018 and 2019	–	–	–
Remeasurement recognised in statement of profit or loss during the period	(363)	(209)	(80)
Purchases	573	809	262
Sales	–	–	–
As at 31 December 2019	210	600	182

Notes to the consolidated financial statements

21. Financial assets and financial liabilities *continued*

21.4 Fair values *continued*

Commentary

An entity should provide additional information that will help users of its financial statements to evaluate the quantitative information disclosed. An entity might disclose some or all of the following to comply with IFRS 13.92:

- ▶ The nature of the item being measured at fair value, including the characteristics of the item being measured that are taken into account in the determination of relevant inputs. For example, if the Group had residential mortgage-backed securities, it might disclose the following:
 - ▶ The types of underlying loans (e.g., prime loans or sub-prime loans)
 - ▶ Collateral
 - ▶ Guarantees or other credit enhancements
 - ▶ Seniority level of the tranches of securities
 - ▶ The year of issue
 - ▶ The weighted-average coupon rate of the underlying loans and the securities
 - ▶ The weighted-average maturity of the underlying loans and the securities
 - ▶ The geographical concentration of the underlying loans
 - ▶ Information about the credit ratings of the securities
- ▶ How third-party information such as broker quotes, pricing services, net asset values and relevant market data was taken into account when measuring fair value

The Group does not have any liabilities measured at fair value and issued with an inseparable third-party credit enhancement. If the Group had such liabilities, IFRS 13.98 requires disclosure of the existence of credit-enhancement and whether it is reflected in the fair value measurement of the liability.

IFRS 13.99 requires an entity to present the quantitative disclosures of IFRS 13 in a tabular format, unless another format is more appropriate. The Group included the quantitative disclosures in tabular format, above.

IFRS 13.93(h)(ii) requires a quantitative sensitivity analysis for financial assets and financial liabilities that are measured at fair value on a recurring basis. For all other recurring fair value measurements that are categorised within Level 3 of the fair value hierarchy, an entity is required to provide:

- ▶ A narrative description of the sensitivity of the fair value measurement to changes in unobservable inputs if a change in those inputs to a different amount might result in a significantly higher or lower fair value measurement
- ▶ If there are inter-relationships between the inputs and other unobservable inputs used in the fair value measurement, a description of the inter-relationships and of how they might magnify or mitigate the effect of changes in the unobservable inputs on the fair value measurement

For this purpose, significance shall be judged with respect to profit or loss, and total assets or total liabilities, or, when changes in fair value are recognised in OCI, total equity. The Group included the quantitative sensitivity analyses in tabular format, above.

21.5 Financial instruments risk management objectives and policies

The Group's principal financial liabilities, other than derivatives, comprise loans and borrowings, and trade and other payables. The main purpose of these financial liabilities is to finance the Group's operations. The Group's principal financial assets include trade receivables, and cash and short-term deposits that derive directly from its operations. The Group also holds investments in debt and equity instruments and enters into derivative transactions.

The Group is exposed to market risk, credit risk and liquidity risk. The Group's senior management oversees the management of these risks. The Group's senior management is supported by a financial risk committee that advises on financial risks and the appropriate financial risk governance framework for the Group. The financial risk committee provides assurance to the Group's senior management that the Group's financial risk activities are governed by appropriate policies and procedures and that financial risks are identified, measured and managed in accordance with the Group's policies and risk objectives. All derivative activities for risk management purposes are carried out by specialist teams that have the appropriate skills, experience and supervision. It is the Group's policy that no trading in derivatives for speculative purposes may be undertaken. The Board of Directors reviews and agrees policies for managing each of these risks, which are summarised below.

IFRS 7.33
IFRS 7.21A(a)

Notes to the consolidated financial statements

21. Financial assets and financial liabilities *continued*

21.5 Financial instruments risk management objectives and policies *continued*

Market risk

Market risk is the risk that the fair value or future cash flows of a financial instrument will fluctuate because of changes in market prices. Market risk comprises three types of risk: interest rate risk, currency risk and other price risk, such as equity price risk and commodity risk. Financial instruments affected by market risk include loans and borrowings, deposits, debt and equity investments and derivative financial instruments.

IFRS 7.33

The sensitivity analyses in the following sections relate to the position as at 31 December 2019 and 31 December 2018.

The sensitivity analyses have been prepared on the basis that the amount of net debt, the ratio of fixed to floating interest rates of debt and derivatives and the proportion of financial instruments in foreign currencies are all constant and on the basis of the hedge designations in place at 31 December 2019.

IFRS 7.40

The analyses exclude the impact of movements in market variables on: the carrying values of pension and other post-retirement obligations; provisions; and the non-financial assets and liabilities of foreign operations. The analysis for the contingent consideration liability is provided in [Note 8](#).

The following assumptions have been made in calculating the sensitivity analyses:

- ▶ The sensitivity of the relevant statement of profit or loss item is the effect of the assumed changes in respective market risks. This is based on the financial assets and financial liabilities held at 31 December 2019 and 31 December 2018 including the effect of hedge accounting.
- ▶ The sensitivity of equity is calculated by considering the effect of any associated cash flow hedges and hedges of a net investment in a foreign operation at 31 December 2019 for the effects of the assumed changes of the underlying risk.

Interest rate risk

Interest rate risk is the risk that the fair value or future cash flows of a financial instrument will fluctuate because of changes in market interest rates. The Group's exposure to the risk of changes in market interest rates relates primarily to the Group's long-term debt obligations with floating interest rates.

IFRS 7.21A(a)
IFRS 7.22A

The Group manages its interest rate risk by having a balanced portfolio of fixed and variable rate loans and borrowings. The Group's policy is to maintain borrowings at fixed rates of interest of not more than 50%, excluding borrowings that relate to discontinued operations. To manage this, the Group enters into interest rate swaps, in which it agrees to exchange, at specified intervals, the difference between fixed and variable rate interest amounts calculated by reference to an agreed-upon notional principal amount. At 31 December 2019, after taking into account the effect of interest rate swaps, approximately 44% of the Group's borrowings are at a fixed rate of interest (2018: 50%, 1 January 2018: 41%).

Interest rate sensitivity

The following table demonstrates the sensitivity to a reasonably possible change in interest rates on that portion of loans and borrowings affected, after the impact of hedge accounting. With all other variables held constant, the Group's profit before tax is affected through the impact on floating rate borrowings, as follows:

	Increase/decrease in basis points	Effect on profit before tax	IFRS 7.40(a)
2019		€000	
Euro	+45	(48)	
US dollar	+60	(13)	
Euro	-45	33	
US dollar	-60	12	
2018			
Euro	+10	(19)	
US dollar	+15	-	
Euro	-10	12	
US dollar	-15	-	

The assumed movement in basis points for the interest rate sensitivity analysis is based on the currently observable market environment, showing a significantly higher volatility than in prior years.

Notes to the consolidated financial statements

21. Financial assets and financial liabilities *continued*

21.5 Financial instruments risk management objectives and policies *continued*

Foreign currency risk

Foreign currency risk is the risk that the fair value or future cash flows of an exposure will fluctuate because of changes in foreign exchange rates. The Group's exposure to the risk of changes in foreign exchange rates relates primarily to the Group's operating activities (when revenue or expense is denominated in a foreign currency) and the Group's net investments in foreign subsidiaries.

IFRS 7.21A(a)
IFRS 7.22A

The Group manages its foreign currency risk by hedging transactions that are expected to occur within a maximum 12-month period for hedges of forecasted sales and purchases and 24-month period for net investment hedges.

When a derivative is entered into for the purpose of being a hedge, the Group negotiates the terms of the derivative to match the terms of the hedged exposure. For hedges of forecast transactions, the derivative covers the period of exposure from the point the cash flows of the transactions are forecasted up to the point of settlement of the resulting receivable or payable that is denominated in the foreign currency.

The Group hedges its exposure to fluctuations on the translation into euros of its foreign operations by holding net borrowings in foreign currencies and by using foreign currency swaps and forwards.

At 31 December 2019 and 31 December 2018 and 1 January 2018, the Group hedged 75%, 70% and 70% for 9, 12 and 12 months, respectively, of its expected foreign currency sales. Those hedged sales were highly probable at the reporting date. This foreign currency risk is hedged by using foreign currency forward contracts.

Commentary

For hedges of forecast transactions, useful information to help users understand the nature and extent of such risks may include:

- ▶ Time bands in which the highly probable forecast transactions are grouped for risk management purposes
- ▶ The entity's policies and processes for managing the risk (for example, how the cash flows of the hedging instruments and the hedged items may be aligned, such as using foreign currency bank accounts to address differences in cash flow dates)

Entities should tailor these disclosures to the specific facts and circumstances of the transactions.

Foreign currency sensitivity

The following tables demonstrate the sensitivity to a reasonably possible change in USD and GBP exchange rates, with all other variables held constant. The impact on the Group's profit before tax is due to changes in the fair value of monetary assets and liabilities including non-designated foreign currency derivatives and embedded derivatives. The impact on the Group's pre-tax equity is due to changes in the fair value of forward exchange contracts designated as cash flow hedges and net investment hedges. The Group's exposure to foreign currency changes for all other currencies is not material.

	Change in USD rate	Effect on profit before tax	Effect on pre-tax equity
		€000	€000
2019	+5%	(30)	(154)
	-5%	20	172
2018	+4%	(40)	(146)
	-4%	40	158
	Change in GBP rate	Effect on profit before tax	Effect on pre-tax equity
		€000	€000
2019	+5%	26	102
	-5%	(15)	(113)
2018	+4%	31	92
	-4%	(28)	(96)

IFRS 7.40(a)

The movement in the pre-tax effect is a result of a change in the fair value of derivative financial instruments not designated in a hedge relationship and monetary assets and liabilities denominated in US dollars, where the functional currency of the entity is a currency other than US dollars. Although the derivatives have not been designated in a hedge relationship, they act as an economic hedge and will offset the underlying transactions when they occur.

Notes to the consolidated financial statements

21. Financial assets and financial liabilities *continued*

21.5 Financial instruments risk management objectives and policies *continued*

The movement in pre-tax equity arises from changes in US dollar borrowings (net of cash and cash equivalents) in the hedge of net investments in US operations and cash flow hedges. These movements will offset the translation of the US operations' net assets into euros.

Commodity price risk

The Group is affected by the price volatility of certain commodities. Its operating activities require the ongoing purchase and manufacture of electronic parts and therefore require a continuous supply of copper. The Group is exposed to changes in the price of copper on its forecast copper purchases.

IFRS 7.21A(a)
IFRS 7.22A

The Group's Board of Directors has developed and enacted a risk management strategy for commodity price risk and its mitigation. Based on a 12-month forecast of the required copper supply, the Group hedges the purchase price using forward commodity purchase contracts. The forward contracts do not result in physical delivery of copper, but are designated as cash flow hedges to offset the effect of price changes in copper. The Group hedges approximately 45% of its expected copper purchases considered to be highly probable.

The Group also entered into various purchase contracts for brass and chrome (for which there is an active market). The prices in these purchase contracts are linked to the price of electricity.

Forward contracts with a physical delivery that qualify for normal purchase, sale or usage and that are therefore not recognised as derivatives are disclosed in [Note 21.3](#).

Commodity price sensitivity

The following table shows the effect of price changes in copper net of hedge accounting impact.

	Change in year-end price	Effect on profit before tax	Effect on equity	IFRS 7.40(a)
2019		€000	€000	
Copper	+15%	(220)	(585)	
	-15%	220	585	
Brass	+4%	(8)	(8)	
	-4%	8	8	
Chrome	+2%	(10)	(10)	
	-2%	10	10	

Equity price risk

The Group's listed and non-listed equity investments are susceptible to market price risk arising from uncertainties about future values of the investment securities. The Group manages the equity price risk through diversification and by placing limits on individual and total equity instruments. Reports on the equity portfolio are submitted to the Group's senior management on a regular basis. The Group's Board of Directors reviews and approves all equity investment decisions.

IFRS 7.33(b)

At the reporting date, the exposure to non-listed equity investments at fair value was €1,038,000. Sensitivity analyses of these investments have been provided in [Note 21.4](#).

IFRS 7.33(a)

At the reporting date, the exposure to equity investments at fair value listed on the NYSE was €337,000. Given that the changes in fair values of the equity investments held are strongly positively correlated with changes of the NYSE market index, the Group has determined that an increase/(decrease) of 10% on the NYSE market index could have an impact of approximately €55,000 increase/(decrease) on the income and equity attributable to the Group.

IFRS 7.40

Credit risk

Credit risk is the risk that a counterparty will not meet its obligations under a financial instrument or customer contract, leading to a financial loss. The Group is exposed to credit risk from its operating activities (primarily trade receivables) and from its financing activities, including deposits with banks and financial institutions, foreign exchange transactions and other financial instruments.

IFRS 7.33
IFRS 7.35B

Notes to the consolidated financial statements

21. Financial assets and financial liabilities *continued*

21.5 Financial instruments risk management objectives and policies *continued*

Trade receivables and contract assets

Customer credit risk is managed by each business unit subject to the Group's established policy, procedures and control relating to customer credit risk management. Credit quality of a customer is assessed based on an extensive credit rating scorecard and individual credit limits are defined in accordance with this assessment. Outstanding customer receivables and contract assets are regularly monitored and any shipments to major customers are generally covered by letters of credit or other forms of credit insurance obtained from reputable banks and other financial institutions. At 31 December 2019, the Group had 55 customers (2018: 65 customers, 1 January 2018: 60 customers) that owed it more than €250,000 each and accounted for approximately 51% (2018: 56%, 1 January 2018: 53%) of all the receivables and contract assets outstanding. There were 5 customers (2018: 7 customers, 1 January 2018: 3 customers) with balances greater than €1 million accounting for just over 10% (2018: 12%, 1 January 2018: 9%) of the total amounts of receivable and contract assets.

IFRS 7.34(c)
IFRS 7.B8

An impairment analysis is performed at each reporting date using a provision matrix to measure expected credit losses. The provision rates are based on days past due for groupings of various customer segments with similar loss patterns (i.e., by geographical region, product type, customer type and rating, and coverage by letters of credit or other forms of credit insurance). The calculation reflects the probability-weighted outcome, the time value of money and reasonable and supportable information that is available at the reporting date about past events, current conditions and forecasts of future economic conditions. Generally, trade receivables are written-off if past due for more than one year and are not subject to enforcement activity. The maximum exposure to credit risk at the reporting date is the carrying value of each class of financial assets disclosed in [Note 23](#). The Group does not hold collateral as security. The letters of credit and other forms of credit insurance are considered integral part of trade receivables and considered in the calculation of impairment. At 31 December 2019, 60% (2018: 65%, 1 January 2018: 67%) of the Groups trade receivables are covered by letters of credit and other forms of credit insurance. These credit enhancements obtained by the Group resulted in a decrease in the ECL of €22,000 as at 31 December 2019 (2018: €21,000, 1 January 2018: €20,500). The Group evaluates the concentration of risk with respect to trade receivables and contract assets as low, as its customers are located in several jurisdictions and industries and operate in largely independent markets. Set out below is the information about the credit risk exposure on the Group's trade receivables and contract assets using a provision matrix:

IFRS 7.35F(c)

IFRS 7.35F(e)
IFRS 7.35K

IFRS 7.35M
IFRS 7.35N

31 December 2019

31 December 2019		Trade receivables					
		Days past due					
	Contract assets	Current	<30 days	30-60 days	61-90 days	>91 days	Total
	€000	€000	€000	€000	€000	€000	€000
Expected credit loss rate	0.13%	0.12%	1.5%	4%	7%	12%	
Estimated total gross carrying amount at default	4,547	16,787	4,864	2,700	1,151	514	26,016
Expected credit loss	6	20	73	108	81	62	344

31 December 2018

31 December 2018	Trade receivables						Total
	Contract assets	Days past due					
		Current	<30 days	30-60 days	61-90 days	>91 days	
	€000	€000	€000	€000	€000	€000	€000
Expected credit loss rate	0.10%	0.10%	1.2%	3%	5%	10%	
Estimated total gross carrying amount at default	5,185	15,603	3,482	1,897	995	531	22,508
Expected credit loss	5	16	42	57	50	53	218

Notes to the consolidated financial statements

21. Financial assets and financial liabilities *continued*

21.5 Financial instruments risk management objectives and policies *continued*

1 January 2018

1 January 2018	Trade receivables						Total
	Contract assets	Current	Days past due				
			<30 days	30-60 days	61-90 days	>91 days	
€000	€000	€000	€000	€000	€000	€000	
Expected credit loss rate	0.14%	0.10%	1.2%	3%	5%	10%	
Estimated total gross carrying amount at default	3,453	17,276	4,419	2,706	995	380	25,776
Expected credit loss	5	17	53	81	50	38	239

Financial instruments and cash deposits

Credit risk from balances with banks and financial institutions is managed by the Group's treasury department in accordance with the Group's policy. Investments of surplus funds are made only with approved counterparties and within credit limits assigned to each counterparty. Counterparty credit limits are reviewed by the Group's Board of Directors on an annual basis, and may be updated throughout the year subject to approval of the Group's Finance Committee. The limits are set to minimise the concentration of risks and therefore mitigate financial loss through a counterparty's potential failure to make payments.

IFRS 7.33
IFRS 7.36
IFRS 7.B10(c)

The Group invests only on quoted debt securities with very low credit risk. The Group's debt instruments at fair value through OCI comprised solely of quoted bonds that are graded in the top investment category (Very Good and Good) by the Good Credit Rating Agency and, therefore, are considered to be low credit risk investments. The Group recognised provision for expected credit losses on its debt instruments at fair value through OCI of €7,000 in 2019 (2018: €6,000, 1 January 2018: €5,500).

IFRS 7.16A

The Group's maximum exposure to credit risk for the components of the statement of financial position at 31 December 2019 and 2018 and 1 January 2018 is the carrying amounts as illustrated in [Note 21.1](#) except for derivative financial instruments. The Group's maximum exposure relating to financial derivative instruments is noted in the liquidity table below.

Commentary

As required by IFRS 9, the Group used the simplified approach in calculating ECL for trade receivables and contract assets that did not contain a significant financing component. The Group applied the practical expedient to calculate ECL using a provision matrix. In practice, many entities use a provision matrix to calculate their current impairment allowances. However, in order to comply with the IFRS 9 requirements, corporates would need to consider how current and forward looking information might affect their customers' historical default rates and, consequently, how the information would affect their current expectations and estimates of ECLs.

The Group applied the low credit risk operational simplification in assessing the significant increase in credit risk of its debt instruments at fair value through OCI. This simplification is optional and can be elected on an instrument-by-instrument basis. For low risk instruments for which the simplification is used, an entity would recognise an allowance based on 12-month ECLs. However, if a financial instrument is not, or no longer, considered to have low credit risk at the reporting date, it does not follow that the entity is required to recognise lifetime ECLs. In such instances, the entity has to assess whether there has been a significant increase in credit risk since initial recognition which requires the recognition of lifetime ECLs.

The ECLs relating to cash and short-term deposits of the Group rounds to zero. In practice, an ECL may need to be charged on cash and short-term deposits.

Refer to our *Good Bank - Illustrative Financial Statements* publication for the illustrative disclosures on the general approach of measuring ECLs.

Notes to the consolidated financial statements

21. Financial assets and financial liabilities *continued*

21.5 Financial instruments risk management objectives and policies *continued*

Liquidity risk

The Group monitors its risk of a shortage of funds using a liquidity planning tool.

IFRS 7.33
IFRS 7.39(c)

The Group's objective is to maintain a balance between continuity of funding and flexibility through the use of bank overdrafts, bank loans, debentures, preference shares, and lease contracts. The Group's policy is that not more than 25% of borrowings should mature in the next 12-month period.

Approximately 10% of the Group's debt will mature in less than one year at 31 December 2019 (2018: 11%, 1 January 2018: 16%) based on the carrying value of borrowings reflected in the financial statements. The Group assessed the concentration of risk with respect to refinancing its debt and concluded it to be low. The Group has access to a sufficient variety of sources of funding and debt maturing within 12 months can be rolled over with existing lenders.

IFRS 7.B8

Excessive risk concentration

Concentrations arise when a number of counterparties are engaged in similar business activities, or activities in the same geographical region, or have economic features that would cause their ability to meet contractual obligations to be similarly affected by changes in economic, political or other conditions. Concentrations indicate the relative sensitivity of the Group's performance to developments affecting a particular industry.

In order to avoid excessive concentrations of risk, the Group's policies and procedures include specific guidelines to focus on the maintenance of a diversified portfolio. Identified concentrations of credit risks are controlled and managed accordingly. Selective hedging is used within the Group to manage risk concentrations at both the relationship and industry levels.

The table below summarises the maturity profile of the Group's financial liabilities based on contractual undiscounted payments:

Year ended 31 December 2019	On demand €000	Less than 3 months €000	3 to 12 months €000	1 to 5 years €000	> 5 years €000	Total €000	IFRS 7.39(a)(b)
Interest-bearing loans and borrowings (excluding items below)	966	–	1,422	10,554	8,000	20,942	
Lease liabilities (Note 31)	48	117	290	2,454	1,473	4,382	IFRS 16.58
Convertible preference shares	–	–	–	676	2,324	3,000	
Trade and other payables	–	–	1,125	–	–	1,125	
Other financial liabilities	–	–	–	150	–	150	
Trade and other payables	3,620	12,547	802	–	–	16,969	
Derivatives and embedded derivatives	1,970	2,740	391	1,191	1,329	7,621	
	6,604	15,404	4,030	15,025	13,126	54,189	
Year ended 31 December 2018	On demand €000	Less than 3 months €000	3 to 12 months €000	1 to 5 years €000	> 5 years €000	Total €000	
Interest-bearing loans and borrowings (excluding items below)	2,650	–	76	8,872	11,600	23,198	
Lease liabilities (Note 31)	32	90	296	2,386	1,432	4,236	IFRS 16.58
Convertible preference shares	–	–	–	624	2,376	3,000	
Trade and other payables	4,321	13,959	1,743	–	–	20,023	
Other financial liabilities	–	–	–	202	–	202	
Derivatives and embedded derivatives	549	1,255	–	–	–	1,804	
	7,552	15,304	2,115	12,084	15,408	52,463	

Notes to the consolidated financial statements

21. Financial assets and financial liabilities *continued*

21.5 Financial instruments risk management objectives and policies *continued*

As at 1 January 2018	On demand €000	Less than 3 months €000	3 to 12 months €000	1 to 5 years €000	> 5 years €000	Total €000	
Interest-bearing loans and borrowings (excluding items below)	4,327	–	74	1,400	17,290	23,091	
Lease liabilities (Note 31)	47	158	228	2,476	1,462	4,371	IFRS 16.58
Convertible preference shares	–	–	–	572	2,428	3,000	
Trade and other payables	4,707	14,543	1,998	–	–	18,248	
Other financial liabilities	–	–	–	180	–	180	
Derivatives and embedded derivatives	532	1,270	–	–	–	1,802	
	9,613	15,971	2,300	4,628	21,180	50,692	

Commentary

IFRS 16.58 requires disclosure of the maturity analysis of lease liabilities applying IFRS 7.39 and IFRS 7.B11 separately from the maturity analyses of other financial liabilities. As such, the Group presented a separate line item for lease liabilities in the maturity analysis of its financial liabilities.

The financial derivative instruments disclosed in the above table are the gross undiscounted cash flows. However, those amounts may be settled gross or net. The following table shows the corresponding reconciliation of those amounts to their carrying amounts:

Year ended 31 December 2019	On demand €000	Less than 3 months €000	3 to 12 months €000	1 to 5 years €000	Over 5 years €000	Total €000	IFRS 7.39(a)(b)
Inflows	800	1,000	250	700	950	3,700	
Outflows	(1,970)	(2,740)	(391)	(1,191)	(1,329)	(7,621)	
Net	(1,170)	(1,740)	(141)	(491)	(379)	(3,921)	
Discounted at the applicable interbank rates	(1,170)	(1,731)	(139)	(463)	(343)	(3,846)	
Year ended 31 December 2018	On demand €000	Less than 3 months €000	3 to 12 months €000	1 to 5 years €000	Over 5 years €000	Total €000	IFRS 7.39(a)(b)
Inflows	500	1,000	–	–	–	1,500	
Outflows	(549)	(1,255)	–	–	–	(1,804)	
Net	(49)	(255)	–	–	–	(304)	
Discounted at the applicable interbank rates	(49)	(255)	–	–	–	(304)	
As at 1 January 2018	On demand €000	Less than 3 months €000	3 to 12 months €000	1 to 5 years €000	Over 5 years €000	Total €000	IFRS 7.39(a)(b)
Inflows	497	1,033	–	–	–	1,530	
Outflows	(532)	(1,270)	–	–	–	(1,802)	
Net	(35)	(237)	–	–	–	(272)	
Discounted at the applicable interbank rates	(35)	(237)	–	–	–	(272)	

Notes to the consolidated financial statements

21. Financial assets and financial liabilities continued

21.5 Financial instruments risk management objectives and policies continued

Collateral

The Group has pledged part of its short-term deposits in order to fulfil the collateral requirements for the derivatives contracts. At 31 December 2019 and 31 December 2018 and 1 January 2018, respectively, the fair values of the short-term deposits pledged were €5,000,000, €2,000,000 and €2,000,000, respectively. The counterparties have an obligation to return the securities to the Group. The Group also holds a deposit in respect of derivative contracts of €565,000 as at 31 December 2019 (2018: €385,000, 1 January 2018: €345,000). The Group has an obligation to repay the deposit to the counterparties upon settlement of the contracts. There are no other significant terms and conditions associated with the use of collateral.

IAS 7.48
IFRS 7.14
IFRS 7.38
IFRS 7.15
IFRS 7.36(b)

21.6 Changes in liabilities arising from financing activities

IAS 7.44A
IAS 7.44C

	1 January 2019	Cash flows	Reclassified as part of disposal group	Foreign exchange movement	Change s in fair values	New leases	Other	31 December 2019
	€000	€000	€000	€000	€000	€000	€000	€000
Current interest-bearing loans and borrowings (excluding items listed below)	2,724	(2,032)	–	(6)	–	–	1,691	2,377
Current lease liabilities (Note 31)	418	(406)	–	–	–	42	401	455
Non-current interest-bearing loans and borrowings (excluding items listed below)	20,760	5,649	(5,809)	(51)	–	–	(1,108)	19,441
Non-current lease liabilities (Note 31)	2,553	–	–	–	–	551	(398)	2,706
Dividends payable	–	–	–	–	–	–	410	410
Derivatives	–	–	–	–	58	–	–	58
Total liabilities from financing activities	26,455	3,211	(5,809)	(57)	58	593	996	25,447
	1 January 2018	Cash flows		Foreign exchange movement		New leases		31 December 2018
	€000	€000		€000		€000	€000	€000
Current interest-bearing loans and borrowings (excluding items listed below)	4,479	(4,250)		(10)	–	2,505		2,724
Current lease liabilities (Note 31)	355	(341)		–	22	382		418
Non-current interest-bearing loans and borrowings (excluding items listed below)	18,624	4,871		(57)	–	(2,678)		20,760
Non-current lease liabilities (Note 31)	2,734	–		–	203	(384)		2,553
Total liabilities from financing activities	26,192	280		(67)	225	(175)		26,455

IAS 1.38, IAS 7.44A
IAS 7.44B, IAS 7.44C, IAS 7.44D

The 'Other' column includes the effect of reclassification of non-current portion of interest-bearing loans and borrowings, including lease liabilities to current due to the passage of time, the accrual of special dividends that were not yet paid at year-end, and the effect of accrued but not yet paid interest on interest-bearing loans and borrowings, including lease liabilities. The Group classifies interest paid as cash flows from operating activities.

Notes to the consolidated financial statements

21. Financial assets and financial liabilities *continued*

21.6 Changes in liabilities arising from financing activities *continued*

Commentary

IAS 7.44A requires an entity to provide disclosures that will enable the users of the financial statements to evaluate changes in liabilities arising from financing activities, including both changes arising from cash flows and non-cash changes. The Group provided a reconciliation between the opening and closing balances in the statement of financial position for liabilities arising from financing activities, which include the changes identified in IAS 7.44B as applicable. This reconciliation provides a link to the amounts recognised in the statement of cash flows (IAS 7.44D).

An entity may provide the disclosure required by IAS 7.44A in combination with disclosures of changes in other assets and liabilities. However, it is required to disclose the changes in liabilities arising from financing activities separately from the changes on those other assets and liabilities (IAS 7.44E).

22. Inventories

	2019	2018	1 January 2018	
	€000	€000	€000	
Raw materials (at cost)	6,240	7,136	6,136	IAS 2.36(b)
Work in progress (at cost)	13,357	9,722	9,922	IAS 1.78(c)
Finished goods (at lower of cost and net realisable value)	6,430	6,972	8,238	
Total inventories at the lower of cost and net realisable value	26,027	23,830	24,296	

During 2019, €286,000 (2018: €242,000) was recognised as an expense for inventories carried at net realisable value. This is recognised in cost of sales.

IAS 2.36(e)

23. Trade receivables and contract assets

Trade receivables

	2019	2018	1 January 2018	
	€000	€000	€000	
Receivables from third-party customers	24,845	21,376	24,729	IAS 1.78(b)
Receivables from an associate (Note 35)	551	582	602	IFRS 7.6
Receivables from other related parties (Note 35)	620	550	445	
	26,016	22,508	25,776	
Allowance for expected credit losses	(344)	(218)	(239)	
	25,672	22,290	25,537	

Trade receivables are non-interest bearing and are generally on terms of 30 to 90 days.

For terms and conditions relating to related party receivables, refer to [Note 35](#).

IAS 24.18(b)

Contract assets

As at 31 December 2019, the Group has contract assets of €4,541,000 (2018: €5,180,000, 1 January 2018: €3,453,000) which is net of an allowance for expected credit losses of €6,000 (2018: €5,000, 1 January 2018: €5,000).

IFRS 7.37
IFRS 15.118(c)

Set out below is the movement in the allowance for expected credit losses of trade receivables and contract assets:

IFRS 7.35H

	2019	2018	
	€000	€000	
As at 1 January	223	244	
Provision for expected credit losses (Note 13.9)	185	76	
Write-off	(54)	(95)	IFRS 7.35(c)
Foreign exchange movement	(4)	(2)	
As at 31 December	350	223	

The significant changes in the balances of trade receivables and contract assets are disclosed in [Note 4.2](#) while the information about the credit exposures are disclosed in [Note 21.5](#).

IFRS 7.35I

Notes to the consolidated financial statements

23. Trade receivables and contract assets *continued*

Commentary

IFRS 7.35H requires tabular disclosure of a reconciliation from the opening balance to the closing balance of the loss allowance by class of financial instrument. The Group has provided this required reconciliation for trade receivables and contract assets. The reconciliation for debt instruments at fair value through OCI was not provided as the movement of the loss allowance is not material.

IFRS 7.35I requires an entity to provide an explanation of how significant changes in the gross carrying amount of financial instruments during the period contributed to changes in the loss allowance. However, it does not explicitly require a reconciliation of movements in the gross carrying amounts in a tabular format and the requirement could be addressed using a narrative explanation.

24. Cash and short-term deposits

	2019	2018	1 January 2018
	€000	€000	€000
Cash at banks and on hand	11,732	11,125	8,775
Short-term deposits	5,796	3,791	2,291
	17,528	14,916	11,066

Cash at banks earns interest at floating rates based on daily bank deposit rates. Short-term deposits are made for varying periods of between one day and three months, depending on the immediate cash requirements of the Group, and earn interest at the respective short-term deposit rates.

At 31 December 2019, the Group had available €5,740,000 (2018: €1,230,000, 1 January 2018: €1,440,000) of undrawn committed borrowing facilities.

IAS 7.50(a)

The Group has pledged a part of its short-term deposits to fulfil collateral requirements. Refer to [Note 21.5](#) for further details.

IAS 7.48

For the purpose of the statement of cash flows, cash and cash equivalents comprise the following at 31 December 2019 and 31 December 2018 and 1 January 2018:

IAS 7.45

	2019	2018	1 January 2018
	€000	€000	€000
Cash at banks and on hand	11,732	11,125	8,775
Short-term deposits	5,796	3,791	2,291
Cash at banks and short-term deposits attributable to discontinued operations	1,294	–	–
	18,822	14,916	11,066
Bank overdrafts	(966)	(2,650)	(2,750)
Cash and cash equivalents	17,856	12,266	8,316

Commentary

The Group included its bank overdrafts as part of cash and cash equivalents. This is because these bank overdrafts are repayable on demand and form an integral part of the Group's cash management (IAS 7.8).

An entity would need to assess whether its banking arrangement is an integral part of its cash management. Cash management includes managing cash and cash equivalents for the purpose of meeting short-term commitments rather than for investment or other purposes. The IFRS Interpretations Committee concluded in June 2018 that if the balance of a banking arrangement does not often fluctuate from being negative to positive, then this indicates that the arrangement does not form an integral part of the entity's cash management and, instead represents a form of financing.

Notes to the consolidated financial statements

25. Issued capital and reserves

Authorised shares

	2019	2018	1 January 2018	
	Thousands	Thousands	Thousands	
Ordinary shares of €1 each	22,588	20,088	20,088	IAS 1.78(e) IAS 1.79(a)(xi)
7% convertible preference shares of €1 each	2,500	2,500	2,500	IAS 1.79(a)(xiii)
	25,088	22,588	22,588	

Ordinary shares issued and fully paid

At 1 January 2018 and 31 December 2018

Issued on 1 May 2019 for acquisition of Extinguishers Limited ([Note 8](#))

At 31 December 2019

Thousands	€000	
19,388	19,388	IAS 1.79(a)(ii),(iv)
2,500	2,500	
21,888	21,888	

During the year, the authorised share capital was increased by €2,500,000 by the issue of 2,500,000 ordinary shares of €1 each.

Share premium

At 1 January 2018

Cash on exercise of share options in excess of cost of treasury shares

At 31 December 2018

Issuance of share capital for the acquisition of Extinguishers Limited ([Note 8](#))

Cash on exercise of share options in excess of cost of treasury shares

Transaction costs for issued share capital

At 31 December 2019

€000	
-	IAS 1.78(e)
80	
80	
4,703	
29	
(32)	
4,780	

Treasury shares

At 1 January 2018

Issued for cash on exercise of share options

At 31 December 2018

Issued for cash on exercise of share options

At 31 December 2019

Thousands	€000	
335	774	IAS 1.79(a)(vi)
(65)	(120)	
270	654	
(75)	(146)	
195	508	

Share option schemes

The Group has two share option schemes under which options to subscribe for the Group's shares have been granted to certain senior executives and certain other employees. Refer to [Note 33](#) for further details.

Share options exercised in each respective year have been settled using the treasury shares of the Group. The reduction in the treasury share equity component is equal to the cost incurred to acquire the shares, on a weighted average basis. Any excess of the cash received from employees over the reduction in treasury shares is recorded in share premium.

Other capital reserves

	Share-based payments	Convertible preference shares	Total
	€000	€000	€000
As at 1 January 2018	338	228	566
Share-based payments expense during the year	298	-	298
At 31 December 2018	636	228	864
Share-based payments expense during the year	307	-	307
At 31 December 2019	943	228	1,171

Nature and purpose of reserves

Other capital reserves

Share-based payments

The share-based payments reserve is used to recognise the value of equity-settled share-based payments provided to employees, including key management personnel, as part of their remuneration. Refer to [Note 33](#) for further details of these plans.

IAS 1.79(b)

Notes to the consolidated financial statements

25. Issued capital and reserves continued

Convertible preference shares

The convertible preference share reserve covers the equity component of the issued convertible preference shares. The liability component is included in Interest-bearing loans and borrowings (see [Note 21.2](#)).

All other reserves are as stated in the consolidated statement of changes in equity.

OCI items, net of tax:

The disaggregation of changes of OCI by each type of reserve in equity is shown below:

IAS 1.106A

Year ended 31 December 2019

	Cash flow hedge reserve	Cost of hedging reserve	Fair value reserve of financial assets at FVOCI	Foreign currency translation reserve	Asset revaluation surplus	Retained earnings	Total
	€000	€000	€000	€000	€000	€000	€000
Net gain on a hedge of net investment	-	-	-	195	-	-	195
Exchange differences on translation of foreign operations	-	-	-	(246)	-	-	(246)
Currency forward contracts	197	4	-	-	-	-	201
Commodity forward contracts	(617)	(23)	-	-	-	-	(640)
Reclassified to statement of profit or loss	(198)	(3)	(6)	-	-	-	(207)
Fair value loss on debt instruments at FVOCI	-	-	(9)	-	-	-	(9)
Fair value loss on equity instruments designated at FVOCI	-	-	(18)	-	-	-	(18)
Share of OCI of an associate	-	-	(30)	-	30	-	-
Remeasurement on defined benefit plan	-	-	-	-	-	257	257
Revaluation of office properties in Euroland	-	-	-	-	592	-	592
	(618)	(22)	(63)	(51)	622	257	125

Year ended 31 December 2018

	Cash flow hedge reserve	Fair value reserve of financial assets at FVOCI	Foreign currency translation reserve	Retained earnings	Total
	€000	€000	€000	€000	€000
Exchange differences on translation of foreign operations	-	-	(117)	-	(117)
Currency forward contracts	(265)	-	-	-	(265)
Reclassification to statement of profit or loss	289	-	-	-	289
Fair value loss on debt instruments at FVOCI	-	(4)	-	-	(4)
Reclassification to statement of profit or loss	-	3	-	-	3
Fair value gain on equity instruments designated at FVOCI	-	7	-	-	7
Remeasurement on defined benefit plan	-	-	-	(273)	(273)
	24	6	(117)	(273)	(360)

Notes to the consolidated financial statements

26. Distributions made and proposed

	2019	2018	
	€000	€000	
Cash dividends on ordinary shares declared and paid:			IAS 1.107
Final dividend for 2018: 5.66 cents per share (2017: 3.93 cents per share)	1,089	749	
Interim dividend for 2019: 4.66 cents per share (2018: 4.47 cents per share)	890	851	
	1,979	1,600	
Special cash dividends on ordinary shares declared but not paid:			
Special dividends for 2019: 2.14 cents per share (2018: Nil)	410	–	
Proposed dividends on ordinary shares:			
Final cash dividend for 2019: 5.01 cents per share (2018: 5.66 cents per share)	1,087	1,082	IAS 1.137(a)

Special dividends were approved by an extraordinary shareholders meeting on 15 December 2019 and are included as a separate line item in to the statement of financial position. Proposed dividends on ordinary shares are subject to approval at the annual general meeting and are not recognised as a liability as at 31 December.

27. Provisions

	Assurance-type warranties	Restructuring	Decommissioning	Social security contributions on share options	Waste electrical and electronic equipment	Contingent considerat ion	Total	
	€000	€000	€000	€000	€000	€000	€000	
At 1 January 2019	118	–	–	4	53	–	175	IAS 37.84(a)
Acquisition of a subsidiary (Note 8)	–	900	1,200	–	–	380	2,480	
Arising during the year	112	–	–	26	102	20	260	IAS 37.84(b)
Utilised	(60)	(59)	–	(19)	(8)	–	(146)	IAS 37.84(c)
Unused amounts reversed	(6)	(6)	–	–	–	–	(12)	IAS 37.84(d)
Unwinding of discount and changes in the discount rate	2	17	21	1	2	–	43	IAS 37.84(e)
At 31 December 2019	166	852	1,221	12	149	400	2,800	
Current	166	305	–	3	28	400	902	
Non-current	–	547	1,221	9	121	–	1,898	

	Assurance-type warranties	Social security contributions on share options	Waste electrical and electronic equipment	Total	
	€000	€000	€000	€000	
At 1 January 2018	66	3	31	100	IAS 37.84(a)
Arising during the year	52	1	22	75	IAS 37.84(b)
At 31 December 2018	118	4	53	175	
Current	118	–	38	156	
Non-current	–	4	15	19	

Commentary

The above table shows the voluntary disclosure of provisions for the comparative period as IAS 37.84 does not require such disclosure.

Notes to the consolidated financial statements

27. Provisions continued

Assurance-type warranties

A provision is recognised for expected warranty claims on products sold during the year, based on past experience of the level of repairs and returns. It is expected that these costs will be incurred in the next financial year. Assumptions used to calculate the provision for warranties were based on current sales levels and current information available about returns based on the warranty period for all products sold.

IAS 37.85

Restructuring

Extinguishers Ltd recorded a restructuring provision prior to being acquired by the Group. The provision relates principally to the elimination of certain of its product lines. The restructuring plan was drawn up and announced to the employees of Extinguishers Limited in 2019 when the provision was recognised in its financial statements. The restructuring is expected to be completed by 2021.

Decommissioning

A provision has been recognised for decommissioning costs associated with a factory owned by Extinguishers Limited. The Group is committed to decommissioning the site as a result of the construction of the manufacturing facility for the production of fire retardant fabrics.

Social security contributions on share options

The provision for social security contributions on share options is calculated based on the number of options outstanding at the reporting date that are expected to be exercised. The provision is based on the market price of the shares at the reporting date which is the best estimate of the market price at the date of exercise. It is expected that the costs will be incurred during the exercise period of 1 January 2019 to 31 December 2020.

Waste electrical and electronic equipment

The provision for waste electrical and electronic equipment is calculated based on sales after 13 August 2005 (new waste) and expected disposals of historical waste (sales up to 13 August 2005).

28. Government grants

IAS 20.39(b)

	2019	2018
	€000	€000
At 1 January	1,551	1,450
Received during the year	2,951	642
Released to the statement of profit or loss	(1,053)	(541)
At 31 December	3,449	1,551
Current	149	151
Non-current	3,300	1,400

Government grants have been received for the purchase of certain items of property, plant and equipment. There are no unfulfilled conditions or contingencies attached to these grants.

IAS 20.39(c)

Notes to the consolidated financial statements

29. Contract liabilities

	2019	2018	1 January 2018
	€000	€000	€000
Long-term advances for equipment	2,820	844	554
Short-term advances for installation services	1,374	1,258	908
Customer loyalty points	900	678	551
Service-type warranties	524	410	210
Equipment received from customers	224	184	305
Total contract liabilities (Note 4)	5,842	3,374	2,528
Current	2,880	2,486	1,836
Non-current	2,962	888	692

29.1 GoodPoints transactions

	2019	2018
	€000	€000
At 1 January	678	551
Deferred during the year	1,381	1,256
Recognised as revenue during the year	(1,159)	(1,129)
At 31 December	900	678
Current	398	346
Non-current	502	332

These amounts relate to the accrual and release of *GoodPoints* transactions. As at 31 December 2019, the estimated liability for unredeemed points amounted to €900,000 (2018: €678,000, 1 January 2018: €551,000).

30. Trade and other payables

	2019	2018	1 January 2018
	€000	€000	€000
Trade payables	15,421	18,551	17,001
Other payables	1,465	1,181	978
Interest payable	43	269	247
Related parties	40	22	22
	16,969	20,023	18,248

Terms and conditions of the above financial liabilities:

IFRS 7.39

- ▶ Trade payables are non-interest bearing and are normally settled on 60-day terms
- ▶ Other payables are non-interest bearing and have an average term of six months
- ▶ Interest payable is normally settled quarterly throughout the financial year
- ▶ For terms and conditions with related parties, refer to [Note 35](#)

For explanations on the Group's liquidity risk management processes, refer to Note [21.5](#).

IFRS 7.39(c)

Notes to the consolidated financial statements

31. Leases

IFRS 16.51
IFRS 16.52

Group as a lessee

The Group has lease contracts for various items of plant, machinery, vehicles and other equipment used in its operations. Leases of plant and machinery generally have lease terms between 3 and 15 years, while motor vehicles and other equipment generally have lease terms between 3 and 5 years. The Group's obligations under its leases are secured by the lessor's title to the leased assets. Generally, the Group is restricted from assigning and subleasing the leased assets and some contracts require the Group to maintain certain financial ratios. There are several lease contracts that include extension and termination options and variable lease payments, which are further discussed below.

IFRS 16.59(a)
IFRS 16.59(c)

The Group also has certain leases of machinery with lease terms of 12 months or less and leases of office equipment with low value. The Group applies the 'short-term lease' and 'lease of low-value assets' recognition exemptions for these leases.

IFRS 16.60

Commentary

IFRS 16.52 requires lessees to disclose information in a single note or a separate section in the financial statements. However, there is no need to duplicate certain information that is already presented elsewhere, provided that information is incorporated by cross-reference in a single note or separate section. The Group provided most of the required disclosures by IFRS 16 in this section of the financial statements. Cross-references are provided for certain required information outside of this section.

Set out below are the carrying amounts of right-of-use assets recognised and the movements during the period:

IFRS 16.54

	Plant and machinery	Motor vehicles	Other equipment	Total	
	€000	€000	€000	€000	
As at 1 January 2018	1,552	699	664	2,915	
Additions (Note 8)	124	58	46	228	IFRS 16.53(h)
Depreciation expense	(158)	(131)	(122)	(411)	IFRS 16.53(a)
As at 31 December 2018	1,518	626	588	2,732	IFRS 16.53(j)
Additions (Note 8)	424	108	78	610	IFRS 16.53(h)
Depreciation expense	(173)	(136)	(125)	(434)	IFRS 16.53(a)
As at 31 December 2019	1,769	598	541	2,908	IFRS 16.53(j)

Set out below are the carrying amounts of lease liabilities (included under interest-bearing loans and borrowings) and the movements during the period:

IFRS 16.54

	2019	2018	
	€000	€000	
As at 1 January	2,971	3,089	
Additions	593	225	
Accretion of interest	178	185	IFRS 16.53(b)
Payments	(581)	(528)	IFRS 16.53(g)
As at 31 December	3,161	2,971	
Current (Note 21.2)	455	418	
Non-current (Note 21.2)	2,706	2,553	

The maturity analysis of lease liabilities are disclosed in [Note 21.5](#).

IFRS 16.58

Notes to the consolidated financial statements

31. Leases continued

The following are the amounts recognised in profit or loss:

IFRS 16.54

	2019	2018	
	€000	€000	
Depreciation expense of right-of-use assets	434	411	IFRS 16.53(a)
Interest expense on lease liabilities	178	185	IFRS 16.53(b)
Expense relating to short-term leases (included in cost of sales)	22	21	IFRS 16.53(c)
Expense relating to leases of low-value assets (included in administrative expenses)	18	17	IFRS 16.53(d)
Variable lease payments (included in cost of sales)	32	28	IFRS 16.53(e)
Total amount recognised in profit or loss	684	662	

The Group had total cash outflows for leases of €653,000 in 2019 (€594,000 in 2018). The Group also had non-cash additions to right-of-use assets and lease liabilities of €593,000 in 2019 (€225,000 in 2018). The future cash outflows relating to leases that have not yet commenced are disclosed in [Note 34](#).

IFRS 16.53(g)
IFRS 16.59(b)(iv)
IAS 7.43

Commentary

IFRS 16.53 requires disclosure of the following information, which users of the financial statements have identified as being most useful to their analysis:

- ▶ Depreciation charge for right-of-use assets, split by class of underlying asset
- ▶ Interest expense on lease liabilities
- ▶ Short-term lease expense for such leases with a lease term greater than one month
- ▶ Low-value asset lease expense (except for portions related to short-term leases)
- ▶ Variable lease expense (i.e., for variable lease payments not included in the lease liability)
- ▶ Income from subleasing right-of-use assets
- ▶ Total cash outflow for leases
- ▶ Additions to right-of-use assets
- ▶ Gains and losses arising from sale and leaseback transactions
- ▶ Carrying amount of right-of-use assets at the end of the reporting period by class of underlying asset

All of the above disclosures are required to be presented in a tabular format, unless another format is more appropriate. The amounts to be disclosed must include costs that the lessee has included in the carrying amount of another asset during the reporting period (IFRS 16.54).

The standard requires disclosure of the total cash outflow for leases. The Group also included the cash outflow related to leases of low-value assets and short-term leases in the disclosure of the total cash outflow.

IFRS 16.55 requires disclosure of the amount of lease commitments for short-term leases when short-term lease commitments at the end of the reporting period are dissimilar to the same period's short-term lease expense (that is otherwise required to be disclosed). This disclosure requirement is not applicable to the Group.

IFRS 16.59 requires additional qualitative and quantitative information about a lessee's leasing activities necessary to meet the disclosure objective of the standard. This additional information may include, but is not limited to, information that helps users of the financial statements to assess:

- ▶ The nature of the lessee's leasing activities
- ▶ Future cash outflows to which the lessee is potentially exposed that are not reflected in the measurement of lease liabilities:
 - ▶ Variable lease payments
 - ▶ Extension options and termination options
 - ▶ Residual value guarantees
 - ▶ Leases not yet commenced to which the lessee is committed
- ▶ Restrictions or covenants imposed by leases
- ▶ Sale and leaseback transactions

Notes to the consolidated financial statements

31. Leases continued

The Group has lease contracts for machinery that contains variable payments based on the number of units to be manufactured. These terms are negotiated by management for certain machinery that is used to manufacture products without steady customer demand. Management's objective is to align the lease expense with the units manufactured and revenue earned. The following provides information on the Group's variable lease payments, including the magnitude in relation to fixed payments:

IFRS 16.59(b)(i)
IFRS 16.B49

	Fixed payments	Variable payments	Total
	€000	€000	€000
2019			
Fixed rent	352	–	352
Variable rent with minimum payment	176	47	223
Variable rent only	–	24	24
	528	71	599
2018			
Fixed rent	392	–	392
Variable rent with minimum payment	189	45	234
Variable rent only	–	21	21
	581	66	647

A 5% increase in units produced for the relevant products would increase total lease payments by 1%.

Commentary

Disclosures of additional information relating to variable lease payments could include (IFRS 16.B49):

- ▶ The lessee's reasons for using variable lease payments and the prevalence of those payments
- ▶ The relative magnitude of variable lease payments to fixed payments
- ▶ Key variables upon which variable lease payments depend on how payments are expected to vary in response to changes in those key variables
- ▶ Other operational and financial effects of variable lease payments

Entities would need to exercise judgement in determining the extent of disclosures needed to satisfy the disclosure objective of the standard (i.e., to provide a basis for users to assess the effect of leases on the financial position, financial performance, and cash flows of the lessee).

The Group has several lease contracts that include extension and termination options. These options are negotiated by management to provide flexibility in managing the leased-asset portfolio and align with the Group's business needs. Management exercises significant judgement in determining whether these extension and termination options are reasonably certain to be exercised (see [Note 3](#)).

Set out below are the undiscounted potential future rental payments relating to periods following the exercise date of extension and termination options that are not included in the lease term:

IFRS 16.59(b)(ii)
IFRS 16.B50

	Within five years	More than five years	Total
	€000	€000	€000
Extension options expected not to be exercised	525	403	928
Termination options expected to be exercised	424	202	626
	949	605	1,554
Extension options expected not to be exercised	504	398	902
Termination options expected to be exercised	388	176	564
	892	574	1,466

Notes to the consolidated financial statements

31. Leases continued

Commentary

Disclosures of additional information relating to extension and termination options could include (IFRS 16.B50):

- ▶ The lessee's reasons for using extension options or termination options and the prevalence of those options
- ▶ The relative magnitude of optional lease payments to lease payments
- ▶ The prevalence of the exercise of options that were not included in the measurement of lease liabilities
- ▶ Other operational and financial effects of those options

Entities would need to exercise judgement in determining the extent of disclosures needed to satisfy the disclosure objective of the standard (i.e., to provide a basis for users to assess the effect of leases on the financial position, financial performance, and cash flows of the lessee).

Group as a lessor

The Group has entered into operating leases on its investment property portfolio consisting of certain office and manufacturing buildings (see [Note 18](#)). These leases have terms of between five and 20 years. All leases include a clause to enable upward revision of the rental charge on an annual basis according to prevailing market conditions. The lessee is also required to provide a residual value guarantee on the properties. Rental income recognised by the Group during the year is €1,404,000 (2018: €1,377,000).

IFRS 16.90

IFRS 16.91

IFRS 16.92

Future minimum rentals receivable under non-cancellable operating leases as at 31 December are as follows:

	2019	2018	1 January 2018
	€000	€000	€000
Within one year	1,418	1,390	1,290
After one year but not more than five years	5,630	5,520	5,480
More than five years	5,901	5,864	5,254
	12,949	12,774	12,024

IFRS 16.97

32. Pensions and other post-employment benefit plans

Net employee defined benefit liabilities

	2019	2018	1 January 2018
	€000	€000	€000
US post-employment healthcare benefit plan	339	197	88
Euroland pension plan	2,711	2,780	2,438
Total	3,050	2,977	2,526

The Group has a defined benefit pension plan in Euroland (funded). Also, in the United States, the Group provides certain post-employment healthcare benefits to employees (unfunded). The Group's defined benefit pension plan is a final salary plan for Euroland employees, which requires contributions to be made to a separately administered fund.

IAS 19.135

IAS 19.136

IAS 19.138

This plan is governed by the employment laws of Euroland, which require final salary payments to be adjusted for the consumer price index upon payment during retirement. The level of benefits provided depends on the member's length of service and salary at retirement age. The fund has the legal form of a foundation and it is governed by the Board of Trustees, which consists of an equal number of employer and employee representatives. The Board of Trustees is responsible for the administration of the plan assets and for the definition of the investment strategy.

IAS 19.139

Notes to the consolidated financial statements

32. Pensions and other post-employment benefit plans *continued*

Each year, the Board of Trustees reviews the level of funding in the Euroland pension plan as required by Euroland's employment legislation. Such a review includes the asset-liability matching strategy and investment risk management policy. This includes employing the use of annuities and longevity swaps to manage the risks. The Board of Trustees decides its contribution based on the results of this annual review. Generally, it aims to have a portfolio mix of a combined 40% in equity and property and 60% in debt instruments. Euroland's employment legislation requires the Group to clear any plan deficit (based on a valuation performed in accordance with the regulations in Euroland) over a period of no more than five years after the period in which the deficit arises. The Board of Trustees aim to keep annual contributions relatively stable at a level such that no plan deficits (based on valuation performed in accordance with the regulations in Euroland) will arise.

IAS 19.146
IAS 19.147(a)

Since the pension liability is adjusted to the consumer price index, the pension plan is exposed to Euroland's inflation, interest rate risks and changes in the life expectancy for pensioners. As the plan assets include significant investments in listed equity shares of entities in manufacturing and consumer products sector, the Group is also exposed to equity market risk arising in the manufacturing and consumer products sector.

The following tables summarise the components of net benefit expense recognised in the statement of profit or loss and the funded status and amounts recognised in the statement of financial position for the respective plans:

Post-employment healthcare benefit plan

Net benefit expense (recognised in profit or loss)

	2019	2018
	€000	€000
Current service cost	142	108
Interest cost on benefit obligation	11	5
Net benefit expense	153	113

Changes in the present value of the defined benefit obligations:

	€000	IAS 19.141
Defined benefit obligation at 1 January 2018	88	
Interest cost	5	
Current service cost	108	
Benefits paid	(34)	
Exchange differences	30	
Defined benefit obligation at 31 December 2018	197	
Interest cost	11	
Current service cost	142	
Benefits paid	(21)	
Exchange differences	10	
Defined benefit obligation at 31 December 2019	339	

Notes to the consolidated financial statements

32. Pensions and other post-employment benefit plans *continued*

Euroland Plan

2019 changes in the defined benefit obligation and fair value of plan assets

	Pension cost charged to profit or loss				Remeasurement gains/(losses) in OCI							31 December 2019
	1 January 2019	Service cost	Net interest expense	Sub-total included in profit or loss (Note 13.7)	Benefits paid	Return on plan assets (excluding amounts included in net interest expense)	Actuarial changes arising from changes in demographic assumptions	Actuarial changes arising from changes in financial assumptions	Experience adjustments	Sub-total included in OCI	Contributions by employer	
	€000	€000	€000	€000	€000	€000	€000	€000	€000	€000	€000	€000
Defined benefit obligation	(5,610)	(1,267)	(256)	(1,523)	868	–	211	(80)	(20)	111	–	(6,154)
Fair value of plan assets	2,830	–	125	125	(868)	256	–	–	–	256	1,100	3,443
Benefit liability	(2,780)			(1,398)	–	256	211	(80)	(20)	367	1,100	(2,711)

IAS 19.140

IAS 19.141

2018 changes in the defined benefit obligation and fair value of plan assets

	Pension cost charged to profit or loss				Remeasurement gains/(losses) in OCI							31 December 2018
	1 January 2018	Service cost	Net interest expense	Sub-total included in profit or loss (Note 13.7)	Benefits paid	Return on plan assets (excluding amounts included in net interest expense)	Actuarial changes arising from changes in demographic assumptions	Actuarial changes arising from changes in financial assumptions	Experience adjustments	Sub-total included in OCI	Contributions by employer	
	€000	€000	€000	€000	€000	€000	€000	€000	€000	€000	€000	€000
Defined benefit obligation	(5,248)	(1,144)	(283)	(1,427)	1,166	–	(201)	70	30	(101)	–	(5,610)
Fair value of plan assets	2,810	–	161	161	(1,166)	(289)	–	–	–	(289)	1,314	2,830
Benefit liability	(2,438)			(1,266)	–	(289)	(201)	70	30	(390)	1,314	(2,780)

Commentary

An entity must assess whether all or some disclosures should be disaggregated to distinguish plans or groups of plans with materially different risks under the requirements of IAS 19.138. For example, an entity may disaggregate disclosure about plans showing one or more of the following features: different geographical locations, characteristics such as flat salary pension plans, final salary pension plans or post-employment medical plans, regulatory environments, reporting segments and/or funding arrangements (e.g., wholly unfunded, wholly or partly funded).

Entities must exercise judgement and assess the grouping criteria according to their specific facts and circumstances. In this case, the Group has only one defined benefit pension plan in Euroland, hence there is no further disaggregation shown.

Additional disclosures may also be provided to meet the objectives in IAS 19 *Employee Benefits*, paragraph 135. For example, an entity may present an analysis of the present value of the defined benefit obligation that distinguishes the nature, characteristics and risks of the obligation. Such a disclosure could distinguish:

- (a) Between amounts owing to active members, deferred members, and pensioners
- (b) Between vested benefits and accrued but not vested benefits
- (c) Between conditional benefits, amounts attributable to future salary increases and other benefits

Notes to the consolidated financial statements

32. Pensions and other post-employment benefit plans *continued*

The acquisitions of Extinguishers Limited in 2019 and Lightbulbs Limited in 2018 did not affect plan assets or the defined benefit obligation, as neither of the entities had defined benefit plans.

The fair values of each major class of plan assets are as follows:

IAS 19.142

	Euroland plan		1 January
	2019	2018	2018
	€000	€000	€000
Investments quoted in active markets:			
Listed equity investments			
Manufacturing and consumer products sector	830	655	735
Telecom sector	45	33	27
Bonds issued by Euroland Government	1,670	1,615	1,590
Cash and cash equivalents	400	250	200
Unquoted investments:			
Debt instruments issued by Good Bank International Limited	428	222	208
Property	70	55	50
Total	3,443	2,830	2,810

The plan assets include a property occupied by the Group with a fair value of €50,000 (2018: €50,000, 1 January 2018: €40,000).

IAS 19.143

Commentary

Under IAS 19.142, the Group has separated the plan assets within different classes. The Group has a class - 'property', which has not been further classified into categories. The amount is not determined to be material to the consolidated financial statements.

The fair values of each classes of plan assets were determined in accordance with the requirements of IFRS 13. However, the fair value disclosures required by IFRS 13 do not apply to plan assets measured at fair value in accordance with IAS 19.

The principal assumptions used in determining pension and post-employment medical benefit obligations for the Group's plans are shown below:

IAS 19.144

	2019	2018	1 January 2018
	%	%	%
Discount rate:			
Euroland pension plan	4.9	5.5	5.6
Post-employment medical plan	5.7	5.9	5.9
Future salary increases:			
Euroland pension plan	3.5	4.0	4.1
Future consumer price index increases:			
Euroland pension plan	2.1	2.1	2.1
Healthcare cost increase rate	7.2	7.4	7.4
Life expectation for pensioners at the age of 65:	Years	Years	Years
Euroland pension plan			
Male	20.0	20.0	20.0
Female	23.0	23.0	23.0
Post-employment healthcare benefit plan			
Male	19.0	19.0	19.0
Female	22.0	22.0	22.0

Notes to the consolidated financial statements

32. Pensions and other post-employment benefit plans *continued*

A quantitative sensitivity analysis for significant assumptions as at 31 December is, as shown below:

	Impact on defined benefit obligation		IAS 19.145
	2019	2018	
	€000	€000	
Assumptions for Euroland pension plan:			
Future pension cost increase:			
1% increase	70	60	
1% decrease	(80)	(70)	
Discount rate:			
0.5% increase	(90)	(100)	
0.5% decrease	80	70	
Future salary increases:			
0.5% increase	120	110	
0.5% decrease	(110)	(130)	
Life expectancy of male pensioners:			
Increase by 1 year	110	100	
Decrease by 1 year	(120)	(130)	
Life expectancy of female pensioners:			
Increase by 1 year	70	60	
Decrease by 1 year	(60)	(70)	
Assumptions for US post-employment healthcare benefit plan:			
Future pension cost increase:			
1% increase	110	105	
1% decrease	(90)	(95)	
Discount rate:			
0.5% increase	(90)	(120)	
0.5% decrease	100	80	
Life expectancy of male pensioners:			
Increase by 1 year	130	125	
Decrease by 1 year	(150)	(155)	
Life expectancy of female pensioners:			
Increase by 1 year	90	75	
Decrease by 1 year	(80)	(95)	

The sensitivity analyses above have been determined based on a method that extrapolates the impact on the defined benefit obligation as a result of reasonable changes in key assumptions occurring at the end of the reporting period. The sensitivity analyses are based on a change in a significant assumption, keeping all other assumptions constant. The sensitivity analyses may not be representative of an actual change in the defined benefit obligation as it is unlikely that changes in assumptions would occur in isolation from one another.

IAS 19.145(b)

The following are the expected payments or contributions to the defined benefit plan in future years:

	2019	2018	IAS 19.147(a)
	€000	€000	IAS 19.147(b)
Within the next 12 months (next annual reporting period)	1,500	1,350	IAS 19.147(c)
Between 2 and 5 years	2,150	2,050	
Between 5 and 10 years	2,160	2,340	
Beyond 10 years	3,000	2,600	
Total expected payments	8,810	8,340	

The average duration of the defined benefit plan obligation at the end of the reporting period is 26.5 years (2018: 25.3 years).

Notes to the consolidated financial statements

32. Pensions and other post-employment benefit plans *continued*

Commentary

IAS 19.145(c) also requires disclosure of changes from the previous period in the methods and assumptions used in preparing the sensitivity analyses, and the reasons for such changes. The Group did not have such changes.

IAS 19.145(a) requires disclosure of sensitivity analyses showing how the defined benefit obligation would be affected by reasonably possible changes in actuarial assumptions. The purpose of this publication is to illustrate the disclosures required and the changes in the assumptions provided in the sensitivity analyses above are not necessarily reflective of those in the current markets.

The standard includes some overarching disclosure objectives and considerations that provide a framework to identify the overall tone and extent of disclosures that should be included in the financial statement notes. For example, IAS 19.136 indicates that entities should consider the following when providing defined benefit plan disclosures:

- ▶ The level of detail necessary to satisfy the disclosure requirements
- ▶ How much emphasis to place on each of the various requirements
- ▶ How much aggregation or disaggregation to undertake
- ▶ Whether users of financial statements need additional information to evaluate the quantitative information disclosed

These considerations are meant to assist entities in reconciling the overriding disclosure objective along with the fact that an extensive list of required disclosures still remains in the standard. In the Basis for Conclusions accompanying IAS 19, the IASB emphasises that information that is immaterial is not required to be disclosed, as set out in IAS 1.31.

The addition of clear disclosure objectives provides entities with an opportunity to take a fresh look at their defined benefit plan disclosures. Eliminating immaterial disclosures would enhance the financial statement users' ability to focus on those transactions and details that truly matter.

33. Share-based payments

Senior Executive Plan

IFRS 2.45(a)

Under the Senior Executive Plan (SEP), share options of the parent are granted to senior executives of the parent with more than 12 months' service. The exercise price of the share options is equal to the market price of the underlying shares on the date of grant. The share options vest if and when the Group's EPS (non-market condition) increases by 10% within three years from the date of grant and the senior executive remains employed on such date. The share options granted will not vest if the EPS performance condition is not met.

The fair value of the share options is estimated at the grant date using a binomial option pricing model, taking into account the terms and conditions on which the share options were granted. However, the above performance condition is only considered in determining the number of instruments that will ultimately vest.

IFRS 2.46

The share options can be exercised up to two years after the three-year vesting period and therefore, the contractual term of each option granted is five years. There are no cash settlement alternatives. The Group does not have a past practice of cash settlement for these share options. The Group accounts for the SEP as an equity-settled plan.

General Employee Share Option Plan

IFRS 2.45(a)

Under the General Employee Share Option Plan (GESP), the Group, at its discretion, may grant share options of the parent to employees other than senior executives, once the employee has completed two years of service. Vesting of the share options is dependent on the Group's total shareholder return (TSR) as compared to a group of principal competitors. Employees must remain in service for a period of three years from the date of grant. The fair value of share options granted is estimated at the date of grant using a Monte-Carlo simulation model, taking into account the terms and conditions on which the share options were granted. The model simulates the TSR and compares it against the group of principal competitors. It takes into account historical and expected dividends, and the share price volatility of the Group relative to that of its competitors so as to predict the share performance.

IFRS 2.46
IFRS 2.47(a)(iii)

The exercise price of the share options is equal to the market price of the underlying shares on the date of grant. The contractual term of the share options is five years and there are no cash settlement alternatives for the employees. The Group does not have a past practice of cash settlement for these awards.

IFRS 2.46

Notes to the consolidated financial statements

33. Share-based payments *continued*

Share Appreciation Rights

The Group's business development employees are granted share appreciation rights (SARs), settled in cash. The SARs vest when a specified target number of new sales contracts (non-market vesting condition) are closed within three years from the date of grant and the employee continues to be employed by the Group at the vesting date. The share options can be exercised up to three years after the three-year vesting period and therefore, the contractual term of the SARs is six years. The liability for the share appreciation rights is measured, initially and at the end of each reporting period until settled, at the fair value of the share appreciation rights, by applying an option pricing model, taking into account the terms and conditions on which the share appreciation rights were granted, and the extent to which the employees have rendered services to date.

IFRS 2.45(a)
IFRS 2.46
IFRS 2.47 (a)(iii)

The carrying amount of the liability relating to the SARs at 31 December 2019 was €299,000 (2018: €194,000, 1 January 2018: €178,000).

IFRS 2.50
IFRS 2.51(b)

No SARs had vested, granted or forfeited at 31 December 2019 and 31 December 2018, respectively.

The expense recognised for employee services received during the year is shown in the following table:

	2019	2018
	€000	€000
Expense arising from equity-settled share-based payment transactions	307	298
Expense arising from cash-settled share-based payment transactions	105	194
Total expense arising from share-based payment transactions	412	492

IFRS 2.50
IFRS 2.51(a)

There were no cancellations or modifications to the awards in 2019 or 2018.

IFRS 2.47(c)

Movements during the year

The following table illustrates the number and weighted average exercise prices (WAEP) of, and movements in, share options during the year (excluding SARs):

	2019 Number	2019 WAEP	2018 Number	2018 WAEP
Outstanding at 1 January	575,000	€2.85	525,000	€2.75
Granted during the year	250,000	€3.85	155,000	€3.13
Forfeited during the year	–	–	(25,000)	€2.33
Exercised during the year	(75,000) ²	€2.33	(65,000) ¹	€3.08
Expired during the year	(25,000)	€3.02	(15,000)	€2.13
Outstanding at 31 December	725,000	€3.24	575,000	€2.85
Exercisable at 31 December	110,000	€2.98	100,000	€2.51

IFRS 2.45(c)

IFRS 2.45(d)

IFRS 2.45(b)

¹ The weighted average share price at the date of exercise of these options was €4.09.

IFRS 2.45(c)

² The weighted average share price at the date of exercise of these options was €3.13.

The weighted average remaining contractual life for the share options outstanding as at 31 December 2019 was 2.94 years (2018: 2.60 years).

IFRS 2.45(d)

The weighted average fair value of options granted during the year was €1.32 (2018: €1.18).

IFRS 2.47(a)

The range of exercise prices for options outstanding at the end of the year was €2.33 to €3.85 (2018: €2.13 to €3.13).

IFRS 2.45(d)

The following tables list the inputs to the models used for the three plans for the years ended 31 December 2019 and 2018, respectively:

IFRS 2.47(a)(i)

	2019 SEP	2019 GESP	2019 SAR
Weighted average fair values at the measurement date	€3.45	€3.10	€2.80
Dividend yield (%)	3.13	3.13	3.13
Expected volatility (%)	15.00	16.00	18.00
Risk-free interest rate (%)	5.10	5.10	5.10
Expected life of share options/SARs (years)	4.25	3.00	6.00
Weighted average share price (€)	3.10	3.10	3.12
Model used	Binomial	Monte Carlo	Binomial

Notes to the consolidated financial statements

33. Share-based payments *continued*

	2018 SEP	2018 GESP	2018 SAR
Weighted average fair values at the measurement date	€3.30	€3.00	€2.60
Dividend yield (%)	3.01	3.01	3.01
Expected volatility (%)	16.30	17.50	18.10
Risk-free interest rate (%)	5.00	5.00	5.00
Expected life of options/SARs (years)	4.25	3.00	6.00
Weighted average share price (€)	2.86	2.86	2.88
Model used	Binomial	Monte Carlo	Binomial

The expected life of the share options and SARs is based on historical data and current expectations and is not necessarily indicative of exercise patterns that may occur. The expected volatility reflects the assumption that the historical volatility over a period similar to the life of the options is indicative of future trends, which may not necessarily be the actual outcome.

IFRS 2.47(a)(ii)

34. Commitments and contingencies

Commitments

At 31 December 2019, the Group had commitments of €2,310,000 (2018: €4,500,000, 1 January 2018: €Nil) including €2,000,000 (2018: €Nil, 1 January 2018: €Nil) relating to the completion of the fire equipment safety facility and €310,000, (2018: €516,000, 1 January 2018: €Nil) relating to trade purchase commitments by the Group's joint venture.

IAS 16.74(c)
IFRS 12.23 (a)
IFRS 12.B18-
B19

The Group has various lease contracts that have not yet commenced as at 31 December 2019. The future lease payments for these non-cancellable lease contracts are €48,000 within one year, €195,000 within five years and €107,000 thereafter.

IFRS 16.59(b)(iv)

Legal claim contingency

An overseas customer has commenced an action against the Group in respect of equipment claimed to be defective. The estimated payout is €850,000 should the action be successful. A trial date has not yet been set. Therefore, it is not practicable to state the timing of the payment, if any.

IAS 37.86

The Group has been advised by its legal counsel that it is only possible, but not probable, that the action will succeed. Accordingly, no provision for any liability has been made in these financial statements.

Guarantees

The Group has provided the following guarantees at 31 December 2019:

- ▶ Guarantee to an unrelated party for the performance in a contract by the joint venture. No liability is expected to arise
- ▶ Guarantee of its share of €20,000 (2018: €13,000, 1 January 2018: €Nil) of the associate's contingent liabilities which have been incurred jointly with other investors

IAS 24.21(h)
IAS 24.19 (d)
IAS 24.19 (e)

IAS 37.86

Contingent liabilities

The Group recognised a contingent liability of €400,000 in the course of the acquisition of Extinguishers Limited (see [Notes 8](#) and [27](#)).

IFRS 12.23 (b)

Notes to the consolidated financial statements

35. Related party disclosures

[Note 7](#) provides information about the Group's structure, including details of the subsidiaries and the holding company. The following table provides the total amount of transactions that have been entered into with related parties for the relevant financial year.

		Sales to related parties	Purchases from related parties	Amounts owed by related parties*	Amounts owed to related parties*	<i>IAS 24.18 IAS 24.21</i>
		€000	€000	€000	€000	
Entity with significant influence over the Group:						
International Fires P.L.C.	2019	7,115	–	620	–	
	2018	5,975	–	550	–	
Associate:						
Power Works Limited	2019	2,900	–	551	–	
	2018	2,100	–	582	–	
Joint venture in which the parent is a venturer:						
Showers Limited	2019	–	590	–	30	
	2018	–	430	–	12	
Key management personnel of the Group:						
Other directors' interests	2019	225	510	–	10	
	2018	135	490	–	10	

* The amounts are classified as trade receivables and trade payables, respectively (see [Notes 23](#) and [30](#)).

		Interest received	Amounts owed by related parties	<i>IAS 24.13 IAS 24.18</i>
		€000	€000	
Loans from/to related parties				
Associate:				
Power Works Limited	2019	20	200	
	2018	–	–	
	As at 1 January 2018	–	–	
Key management personnel of the Group:				
Directors' loans	2019	1	13	
	2018	–	8	
	As at 1 January 2018	–	8	

There were no transactions other than dividends paid between the Group and S.J. Limited, the ultimate parent during the financial year (2018: €Nil).

Notes to the consolidated financial statements

35. Related party disclosures *continued*

Loan to an associate

The loan granted to Power Works Limited is intended to finance an acquisition of new machines for the manufacturing of fire prevention equipment. The loan is fully-secured and repayable in full on 1 June 2019. Interest is charged at 10%.

Terms and conditions of transactions with related parties

The sales to and purchases from related parties are made on terms equivalent to those that prevail in arm's length transactions. Outstanding balances at the year-end are unsecured and interest free and settlement occurs in cash. There have been no guarantees provided or received for any related party receivables or payables. For the year ended 31 December 2019, the Group recognised provision for expected credit losses of €2,000 relating to amounts owed by related parties (2018: €1,000, 1 January 2018: €1,000).

IAS 24.21
IAS 24.18(b)

Commentary

The disclosure that transactions with related parties are made on terms equivalent to an arm's length transaction is only required if an entity can substantiate such terms, but IAS 24.23 does not require such a disclosure. The Group was able to substantiate the terms and therefore provides the disclosure.

Commitments with related parties

On 1 July 2019, Bright Sparks Limited entered into a two-year agreement ending 30 June 2021 with Power Works Limited to purchase specific electrical and optical cables that Bright Sparks Limited uses in its production cycle. Bright Sparks Limited expects the potential purchase volume to be €750,000 in 2020 and €250,000 in the first 6 months of 2021. The purchase price is based on Power Works Limited's actual cost plus a 5% margin and will be settled in cash within 30 days of receiving the inventories.

IAS 24.18(b)
IAS 24.21(i)

The Group has provided a contractual commitment to Fire Equipment Test Lab Limited, whereby if the assets held as collateral by Fire Equipment Test Lab Limited for its borrowing fall below a credit rating of 'AA', the parent will substitute assets of an equivalent of 'AA' rating. The maximum fair value of the assets to be replaced is €200,000 as at 31 December 2019 (2018: €210,000).

IFRS 12.14-15

Transactions with key management personnel

Director's loans

The Group offers senior management a facility to borrow up to €20,000, repayable within five years from the date of disbursement. Such loans are unsecured and the interest rate is based on EURIBOR plus 0.8%. Any loans granted are included in financial instruments on the face of the statement of financial position.

IAS 24.18

Other directors' interests

During both 2019 and 2018, Group companies made purchases at market prices from Gnome Industries Limited, of which the spouse of one of the directors of the Group is a director and controlling shareholder.

IAS 24.18
IAS 24.19(f)

One director has a 25% (2018: 25%, 1 January 2018: 25%) equity interest in Home Fires Limited. The Group has a contract for the supply of fire extinguishers to Home Fires Limited. During 2019 and 2018, the Group supplied fire extinguishers to Home Fires Limited at market prices.

Compensation of key management personnel of the Group

IAS 24.17

	2019	2018
	€000	€000
Short-term employee benefits	435	424
Post-employment pension and medical benefits	110	80
Termination benefits	40	–
Share-based payment transactions	18	12
Total compensation paid to key management personnel	603	516

The amounts disclosed in the table are the amounts recognised as an expense during the reporting period related to key management personnel.

Generally, the non-executive directors do not receive pension entitlements from the Group. During 2019, an amount of €40,000 was paid to a director who retired from an executive director's position in 2018.

Notes to the consolidated financial statements

35. Related party disclosures *continued*

Directors' interests in the Senior Executive Plan

Share options held by executive members of the Board of Directors under the Senior Executive Plan to purchase ordinary shares have the following expiry dates and exercise prices:

Date of grant	Expiry date	Exercise price	2019	2018	1 January 2018	IAS 24.17(e)
	Number outstanding					
2018	2021	€2.33	10,000	10,000	–	
2018	2021	€3.13	83,000	83,000	–	
2019	2022	€3.85	27,000	–	–	
Total			120,000	93,000	–	

No share options have been granted to the non-executive members of the Board of Directors under this scheme. Refer to [Note 33](#) for further details on the scheme.

Commentary

Certain jurisdictions may require additional and more extensive disclosures, e.g., remuneration and benefits of key management personnel and members of the Board of Directors.

36. Standards issued but not yet effective

The new and amended standards and interpretations that are issued, but not yet effective, up to the date of issuance of the Group's financial statements are disclosed below. The Group intends to adopt these new and amended standards and interpretations, if applicable, when they become effective.

IAS 8.30
IAS 8.31(d)

IFRS 17 *Insurance Contracts*

In May 2017, the IASB issued IFRS 17 *Insurance Contracts*, a comprehensive new accounting standard for insurance contracts covering recognition and measurement, presentation and disclosure. Once effective, IFRS 17 will replace IFRS 4 *Insurance Contracts*, which was issued in 2005. IFRS 17 applies to all types of insurance contracts (i.e., life, non-life, direct insurance and re-insurance), regardless of the type of entities that issue them, as well as to certain guarantees and financial instruments with discretionary participation features. Certain scope exceptions will apply. The overall objective of IFRS 17 is to provide an accounting model for insurance contracts that is more useful and consistent for insurers. In contrast to the requirements in IFRS 4, which are largely based on grandfathering previous local accounting policies, IFRS 17 provides a comprehensive model for insurance contracts, covering all relevant accounting aspects. The core of IFRS 17 is the general model, supplemented by:

- ▶ A specific adaptation for contracts with direct participation features (the variable fee approach)
- ▶ A simplified approach (the premium allocation approach) mainly for short-duration contracts

IFRS 17 is effective for reporting periods beginning on or after 1 January 2021, with comparative figures required. Early application is permitted, provided the entity also applies IFRS 9 and IFRS 15 on or before the date it first applies IFRS 17. This standard is not applicable to the Group.

Amendments to IFRS 3: *Definition of a Business*

In October 2018, the IASB issued amendments to the definition of a business in IFRS 3 *Business Combinations* to help entities determine whether an acquired set of activities and assets is a business or not. They clarify the minimum requirements for a business, remove the assessment of whether market participants are capable of replacing any missing elements, add guidance to help entities assess whether an acquired process is substantive, narrow the definitions of a business and of outputs, and introduce an optional fair value concentration test. New illustrative examples were provided along with the amendments.

Since the amendments apply prospectively to transactions or other events that occur on or after the date of first application, the Group will not be affected by these amendments on the date of transition.

Notes to the consolidated financial statements

36. Standards issued but not yet effective *continued*

Amendments to IAS 1 and IAS 8: Definition of Material

In October 2018, the IASB issued amendments to IAS 1 *Presentation of Financial Statements* and IAS 8 *Accounting Policies, Changes in Accounting Estimates and Errors* to align the definition of 'material' across the standards and to clarify certain aspects of the definition. The new definition states that, 'Information is material if omitting, misstating or obscuring it could reasonably be expected to influence decisions that the primary users of general purpose financial statements make on the basis of those financial statements, which provide financial information about a specific reporting entity.'

The amendments to the definition of material is not expected to have a significant impact on the Group's consolidated financial statements.

Commentary

IAS 8.30 requires disclosure of standards that have been issued but are not yet effective. These disclosures are required to provide known or reasonably estimable information to enable users to assess the possible impact of the application of such IFRSs on an entity's financial statements. The Group has listed all standards and interpretations that are not yet effective, primarily for the illustrative purpose of these financial statements. An alternative that entities may consider would be to only list and address those which are expected to have an impact on the Group's financial position, performance, presentation and/or disclosures.

37. Events after the reporting period

On 14 January 2020, a building with a net book value of €1,695,000 was severely damaged by flooding and inventories with a net book value of €857,000 were destroyed. It is expected that insurance proceeds will fall short of the costs of rebuilding and loss of inventories by €750,000.

IAS 10.21
IAS 10.10

Appendix - Information in other illustrative financial statements available

IFRS are illustrated across our various illustrative financial statements, as follows:

		Good Group	Good Group - Alternative Format	Good Group Interim	Good First-time Adopter Supplement to Good Group - Agriculture	Good Investment Fund (Equity and Liability)	Good Real Estate	Good Mining	Good Petroleum	Good Bank	Good Insurance
International Financial Reporting Standards (IFRS)											
IFRS 1	<i>First-time Adoption of International Financial Reporting Standards</i>				✓				✓		
IFRS 2	<i>Share-based Payment</i>	✓	✓	✓	✓		✓				✓
IFRS 3	<i>Business Combinations</i>	✓	✓	✓	✓		✓	✓	✓	✓	✓
IFRS 4	<i>Insurance Contracts</i>										✓
IFRS 5	<i>Non-current Assets Held for Sale and Discontinued Operations</i>	✓	✓	✓	✓		✓			✓	
IFRS 6	<i>Exploration for and Evaluation of Mineral Resources</i>							✓	✓		
IFRS 7	<i>Financial Instruments: Disclosures</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
IFRS 8	<i>Operating Segments</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
IFRS 9	<i>Financial Instruments*</i>	✓	✓	✓	✓	✓	✓	✓		✓	
IFRS 10	<i>Consolidated Financial Statements</i>	✓	✓	✓	✓					✓	✓
IFRS 11	<i>Joint Arrangements</i>	✓	✓	✓	✓				✓		
IFRS 12	<i>Disclosure of Interests in Other Entities</i>	✓	✓		✓			✓	✓	✓	✓
IFRS 13	<i>Fair Value Measurement</i>	✓	✓	✓	✓	✓		✓	✓	✓	✓
IFRS 14	<i>Regulatory Deferral Accounts</i>										
IFRS 15	<i>Revenue from Contracts with Customers</i>	✓	✓	✓	✓	✓		✓	✓	✓	
IFRS 16	<i>Leases</i>	✓		✓	✓						
IFRS 17	<i>Insurance Contracts*</i>										
International Accounting Standards (IAS)											
IAS 1	<i>Presentation of Financial Statements</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
IAS 2	<i>Inventories</i>	✓	✓	✓	✓		✓	✓	✓		
IAS 7	<i>Statement of Cash Flows</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
IAS 8	<i>Accounting Policies, Changes in Accounting Estimates and Errors</i>	✓	✓	✓	✓	✓	✓	✓	✓		✓
IAS 10	<i>Events after the Reporting Period</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
IAS 11	<i>Construction Contracts</i>						✓				
IAS 12	<i>Income Taxes</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
IAS 16	<i>Property, Plant and Equipment</i>	✓	✓		✓	✓	✓	✓	✓	✓	✓
IAS 17	<i>Leases</i>		✓				✓	✓	✓	✓	✓
IAS 18	<i>Revenue</i>						✓	✓	✓	✓	✓
IAS 19	<i>Employee Benefits</i>	✓	✓	✓	✓			✓	✓	✓	✓
IAS 20	<i>Accounting for Government Grants and Disclosure of Government Assistance</i>	✓	✓	✓	✓						
IAS 21	<i>The Effects of Changes in Foreign Exchange Rates</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
IAS 23	<i>Borrowing Costs</i>	✓	✓	✓	✓		✓	✓	✓	✓	✓
IAS 24	<i>Related Party Disclosures</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
IAS 26	<i>Accounting and Reporting by Retirement Benefit Plans</i>										
IAS 27	<i>Separate Financial Statements</i>										
IAS 28	<i>Investments in Associates and Joint Ventures</i>	✓	✓	✓	✓		✓		✓	✓	✓

*Good Life Insurance (International) Limited and Good General Insurance (International Limited) provide illustrative disclosures to meet the requirements of IFRS 17 *Insurance Contracts* and IFRS 9 *Financial Instruments*

Appendix - Information in other illustrative financial statements available

	Good Group	Good Group - Alternative Format	Good Group Interim	Good First-time Adopter	Supplement to Good Group - Agriculture	Good Investment Fund (Equity and Liability)	Good Real Estate	Good Mining	Good Petroleum	Good Bank	Good Insurance
International Accounting Standards (IAS) continued											
IAS 29 <i>Financial Reporting in Hyperinflationary Economies</i>											
IAS 32 <i>Financial Instruments: Presentation</i>	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓
IAS 33 <i>Earnings per Share</i>	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓
IAS 34 <i>Interim Financial Reporting</i>			✓								
IAS 36 <i>Impairment of Assets</i>	✓	✓	✓	✓			✓	✓	✓	✓	✓
IAS 37 <i>Provisions, Contingent Liabilities and Contingent Assets</i>	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓
IAS 38 <i>Intangible Assets</i>	✓	✓	✓	✓			✓	✓	✓	✓	✓
IAS 39 <i>Financial Instruments: Recognition and Measurement</i>	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓
IAS 40 <i>Investment Property</i>	✓	✓	✓	✓			✓				✓
IAS 41 <i>Agriculture</i>					✓						
Interpretations											
IFRIC 1 <i>Changes in Existing Decommissioning, Restoration and Similar Liabilities</i>	✓	✓	✓	✓				✓	✓		
IFRIC 2 <i>Members' Shares in Co-operative Entities and Similar Instruments</i>											
IFRIC 4 <i>Determining whether an Arrangement contains a Lease</i>		✓						✓	✓		
IFRIC 5 <i>Rights to Interests arising from Decommissioning, Restoration and Environmental Rehabilitation Funds</i>			✓					✓	✓		
IFRIC 6 <i>Liabilities arising from Participating in a Specific Market – Waste Electrical and Electronic Equipment</i>	✓	✓	✓	✓							
IFRIC 7 <i>Applying the Restatement Approach under IAS 29 Financial Reporting in Hyperinflationary Economies</i>											
IFRIC 9 <i>Reassessment of Embedded Derivatives</i>	✓	✓	✓	✓						✓	✓
IFRIC 10 <i>Interim Financial Reporting and Impairment</i>	✓	✓	✓	✓							
IFRIC 12 <i>Service Concession Arrangements</i>											
IFRIC 13 <i>Customer Loyalty Programmes</i>											
IFRIC 14 <i>IAS 19 – The Limit on a Defined Benefit Asset, Minimum Funding Requirements and their Interaction</i>											
IFRIC 15 <i>Agreements for the Construction of Real Estate</i>							✓				
IFRIC 16 <i>Hedges of a Net Investment in a Foreign Operation</i>	✓	✓	✓	✓							
IFRIC 17 <i>Distributions of Non-cash Assets to Owners</i>											
IFRIC 18 <i>Transfers of Assets from Customers</i>		✓	✓								
IFRIC 19 <i>Extinguishing Financial Liabilities with Equity Instruments</i>											
IFRIC 20 <i>Stripping Costs in the Production Phase of a Surface Mine</i>								✓			
IFRIC 21 <i>Levies</i>	✓	✓	✓	✓						✓	
IFRIC 22 <i>Foreign Currency Transactions and Advance Consideration</i>	✓			✓							
IFRIC 23 <i>Uncertainty over Income Tax Treatments</i>	✓		✓	✓							
SIC 7 <i>Introduction of the Euro</i>											
SIC 10 <i>Government Assistance – No Specific Relation to Operating Activities</i>											
SIC 15 <i>Operating Leases – Incentives</i>		✓					✓				

Appendix - Information in other illustrative financial statements available

	Good Group	Good Group - Alternative Format	Good Group Interim	Good First-time Adopter	Supplement to Good Group - Agriculture	Good Investment Fund (Equity and Liability)	Good Real Estate	Good Mining	Good Petroleum	Good Bank	Good Insurance
Interpretations continued											
SIC 25											
<i>Income Taxes – Changes in the Tax Status of an Entity or its Shareholders</i>				✓							
SIC 27											
<i>Evaluating the Substance of Transactions Involving the Legal Form of a Lease</i>		✓		✓							
SIC 29											
<i>Service Concession Arrangements: Disclosures</i>											
SIC 31											
<i>Revenue – Barter Transactions Involving Advertising Services</i>											
SIC 32											
<i>Intangible Assets – Web Site Costs</i>											
✓	This standard or interpretation is incorporated into these illustrative financial statements.										

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