



EY RIPPLES

Report #BetterWorld FY21



EY is on a multi-year journey to transform the positive impact we have on society and build a better working world.

Our global Corporate Responsibility (CR) program, **EY Ripples**, provides our people with opportunities to use their skills, knowledge and experience to support the next generation workforce, impact entrepreneurs and to accelerate environmental sustainability.



EY Ripples has a bold goal:
to positively impact one billion lives by **2030**.

Introduction

At EY we believe that a “**better working world**” is one in which everyone can contribute to and share the benefits of economic growth.

At present, this perspective is still far from reality. Society is experiencing the highest level of inequality, while climate change poses a threat to the existence of any living being. Without coordinated strategic action, many global challenges will be exacerbated by 2030:

100 million

more people will live in extreme poverty as a result of climate change¹

2 billion

jobs (50% of all existing jobs) will be lost due to automation²

7.2 billion

people will be live in developing countries (85% of the world's population)³

To try to find a solution to these problems, a group of organisations have come together around the UN Sustainable Development Goals (SDGs) - a set of 17 goals for peace and prosperity by 2030.

Together with Legambiente, we have chosen to provide EY expertise and experience to positively impact:



MAKE CITIES AND HUMAN SETTLEMENTS INCLUSIVE, SAFE, RESILIENT AND SUSTAINABLE



ENSURE SUSTAINABLE CONSUMPTION AND PRODUCTION PATTERNS

United Nations Sustainable Development Goals (UN SDGs):



1. World Bank, *Shock Waves*
2. Oxford Economics, *How Robots Change the World*
3. United Nations, *Population 2030*

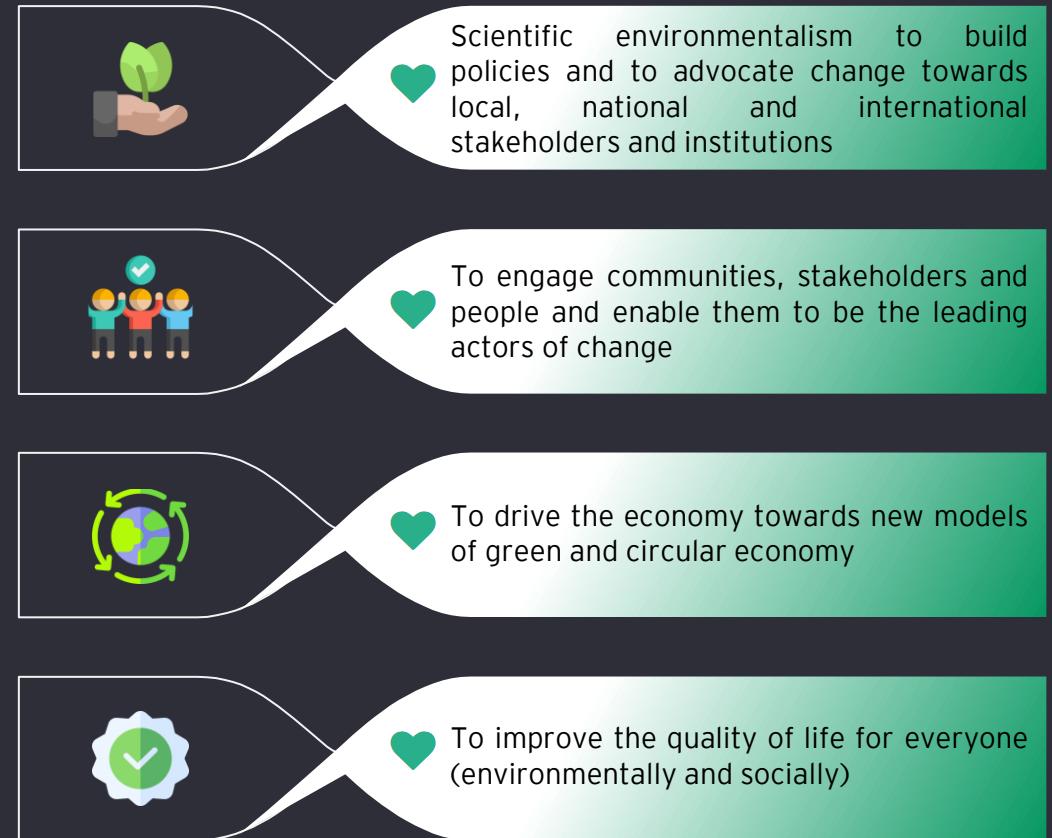
Our Partner



Legambiente is an Italian non-profit organization founded in 1980. It's the most prominent and widespread environmental association in Italy with two headquarters in Rome and Milan, 20 regional coordination offices and more than 600 local groups of volunteers.

Legambiente is a **pacifist and independent movement** and is not related to any Italian party or institution. It's **supported by more than 115,000 members**, donors and by projects and businesses that are in line with the organization's principles.

Legambiente key mission is:



Our Activities



Distribution of 500ml recycled aluminium bottles to 6000 employees nationwide

EY Italia and EY Foundation Onlus in November 2019 signed a partnership with Legambiente, the most widespread environmental organisation in Italy and, together, launched the #Betterworld project to develop an ecosystem based on a balanced mix of professional efficiency and environmental sustainability.

2019

2020

2021



1 Green Areas and Park Litter
2 Coastal Areas and Beach Litter

In May 2021, EY Foundation Onlus joined the "Beaches and Rivers Banks environmental qualification" initiative, Legambiente's environmental volunteering campaign to rid beaches and river banks of abandoned waste. About 200 people from EY participated in the initiative along with their families and friends.



2020

10 Green Areas and Park Litter
2 Coastal Areas and Beach Litter

In September 2020, EY Foundation Onlus joined Legambiente's "Clean Up the World" initiative, with the aim of ridding the parks, public gardens, streets and squares of Italian cities of rubbish and neglect, and extending it to beaches and rivers. About 300 people from EY participated in the initiative along with their families and friends.



NEXT STEP
SEPTEMBER 2021
«CLEAN UP THE WORLD»

EY Italy participated in the 'Clean Up the World Day', September 2020 in 10 of the major cities of Italy (15 different locations) and two of them were organized in coastal cities located in Sicily and Apulia where EY volunteers carried on beach litter actions.

Inside each park/coastal site, Legambiente and volunteers identified a specific area of approximately 100 m² to clean up. Volunteers used monitoring forms to record information about characteristics of the park/coastal area, the type and quantity of litter.

According to the monitoring forms, the cleaning-up activities led to the collection of about 20 thousand items. Among the different categories, the plastic waste is the prevalent one. In particular, cigarette butts, bottles and caps have been found in all the of the sites visited.

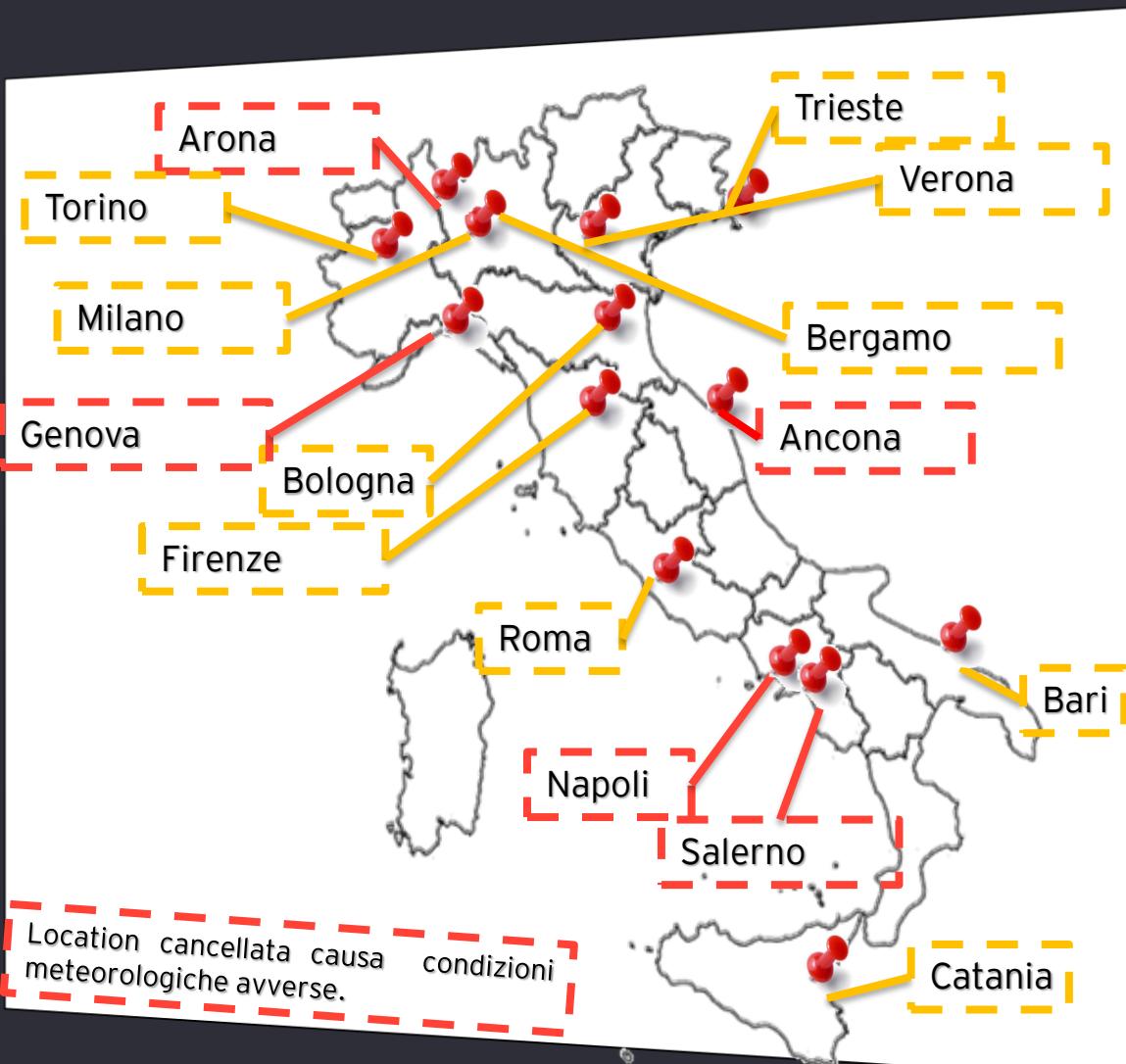
The estimated Lives Impacted through this phenomenal initiative is estimated to be over 300k.



Video and interview with Massimo Antonelli



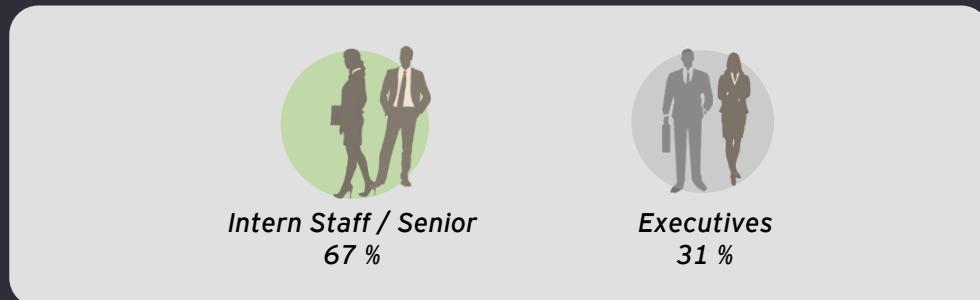
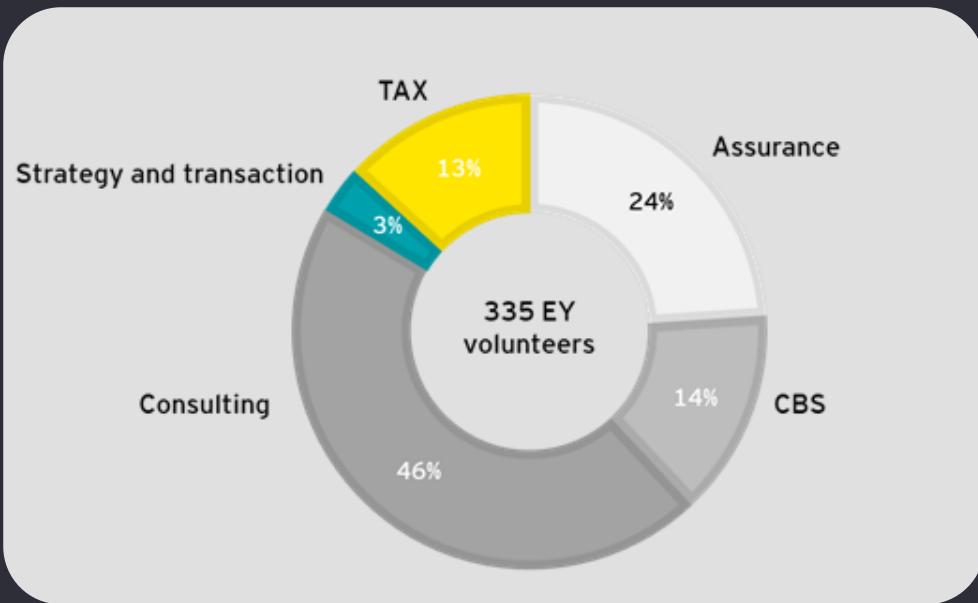
Top wasted collected



2020

Clean Up the world day 2020- Participant overview

The activity involved over a weekend in September 2020, 300+ volunteers together with their family and friends picked up litter in green areas and beaches plus an additional 20+ data analysts from EY who worked on a report about the waste collected.



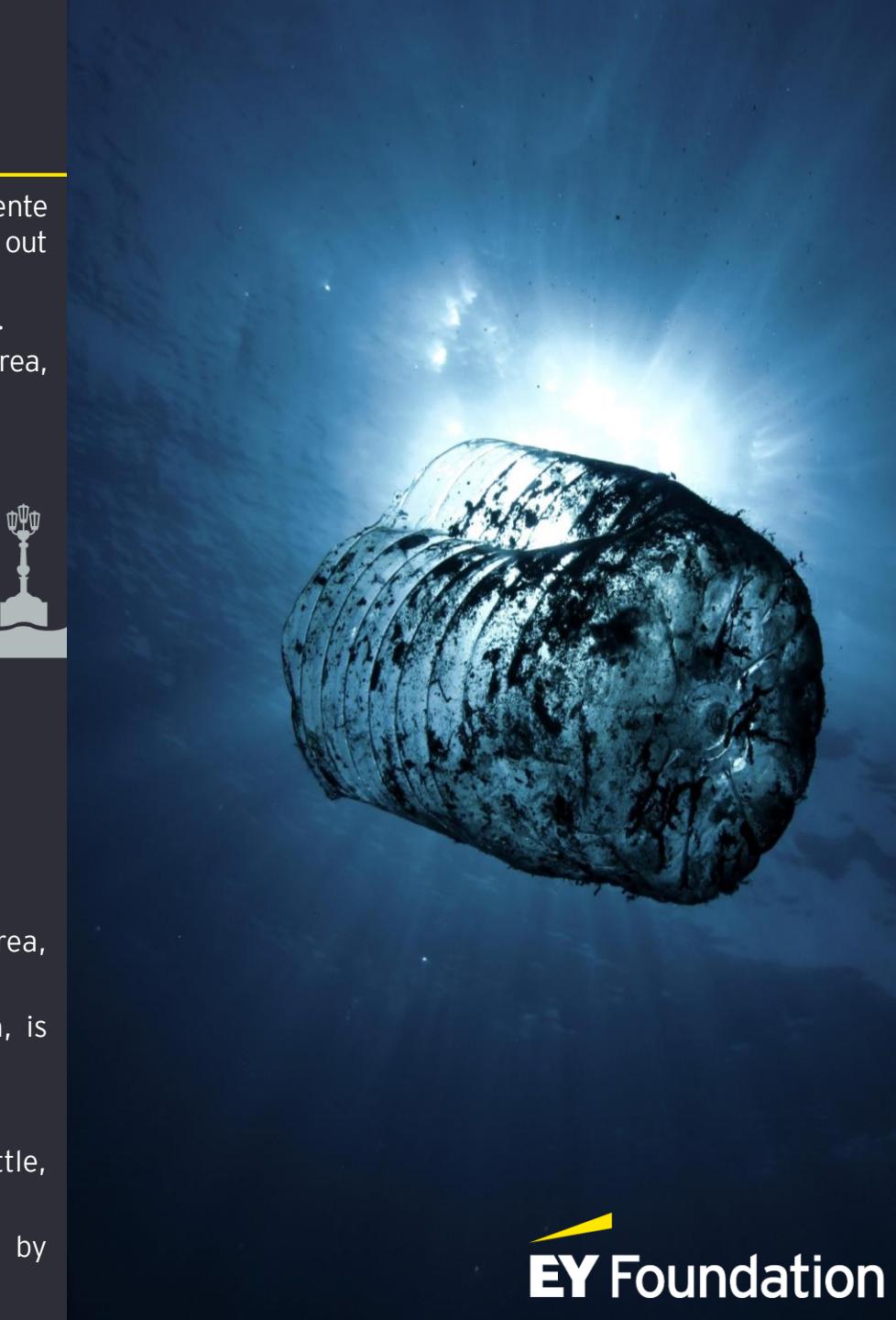
With regard to **Environmental Requalification - Beaches and Rivers Banks** event promoted by Legambiente in May 2021, EY participated in clean-up events organised in 3 cities in Italy where EY volunteers carried out waste removal actions.

Within each park/coastal site, Legambiente and volunteers have identified a specific area to be reclaimed.

Volunteers used monitoring forms to record information about the characteristics of the park/coastal area, the type and amount of waste.



- All litter larger than 2.5 cm (including cigarette butts and caps) found within the sampling area, whether on the ground or on branches/vegetation, is considered.
- All visible waste found on the bank, even if partially covered by sand, but without excavation, is counted. Waste found on vegetation is also counted.
- All rubbish found was removed by putting it in bags and sorting it.
- Fragments or pieces traceable to objects have been catalogued as such (e.g.: bottom of glass bottle, catalogued as glass bottle).
- The waste was recorded following the sampling categories indicated in the sheets provided by Legambiente.

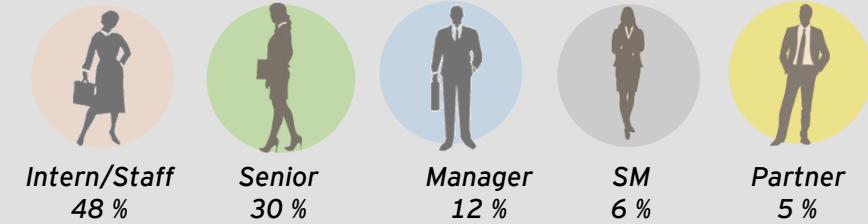
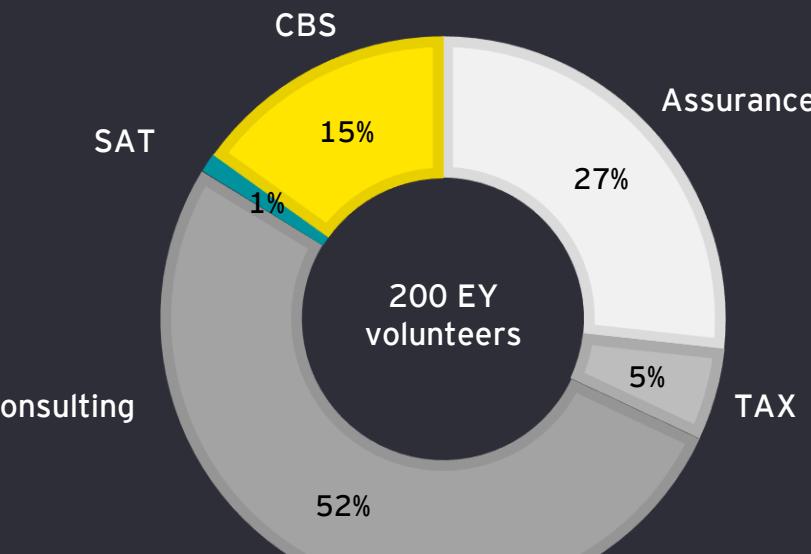


2021

Beaches and Rivers Banks event - Participant overview

The activity involved around 200 EY volunteers who, over a weekend in May, worked with Legambiente to help collect rubbish from the most frequented areas, especially in view of the summer season.

The volunteers were able to use their personal kits, provided by Legambiente, for the activity.





Beaches and Rivers Banks event Milano - Overview



16/05/2021



97 EY volunteers



Lat. 45°26'41.0"N
Long. 9°15'55.4"E



> 20 KG



Parco Vittorini is a park on the outskirts of Milan, overlooking the River Lambro. The park is usually frequented by residents, groups of young people, families with children, etc.

The monitoring area was divided into two areas:

AREA A: starting from the bank for a maximum width of 5 metres, is the area that is assumed to be in constant contact with the river.

AREA B: starting from zone A up to natural or artificial obstacles (road/vegetation thicker), is the zone where the river reaches during flood and flood events, up to a maximum of 25 metres from the bank.





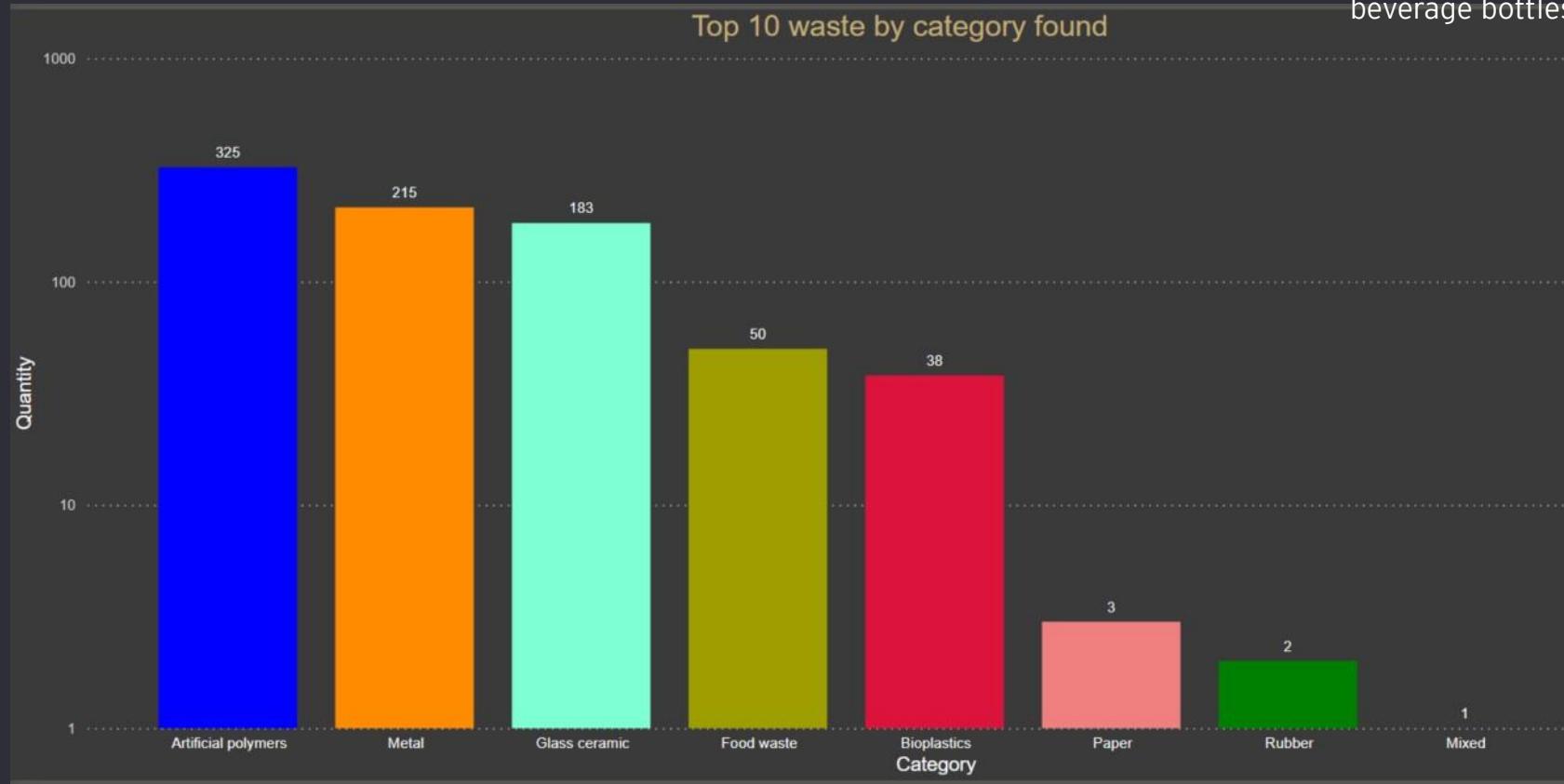
Beaches and Rivers Banks event Milano - Deep on Waste - separate collection

23%

of waste that could be sorted
was collected in **Milano**



In Milano, most of the waste collected belongs to the Artificial Polymers category, followed by metal (mostly caps from alcoholic beverage bottles) and glass.



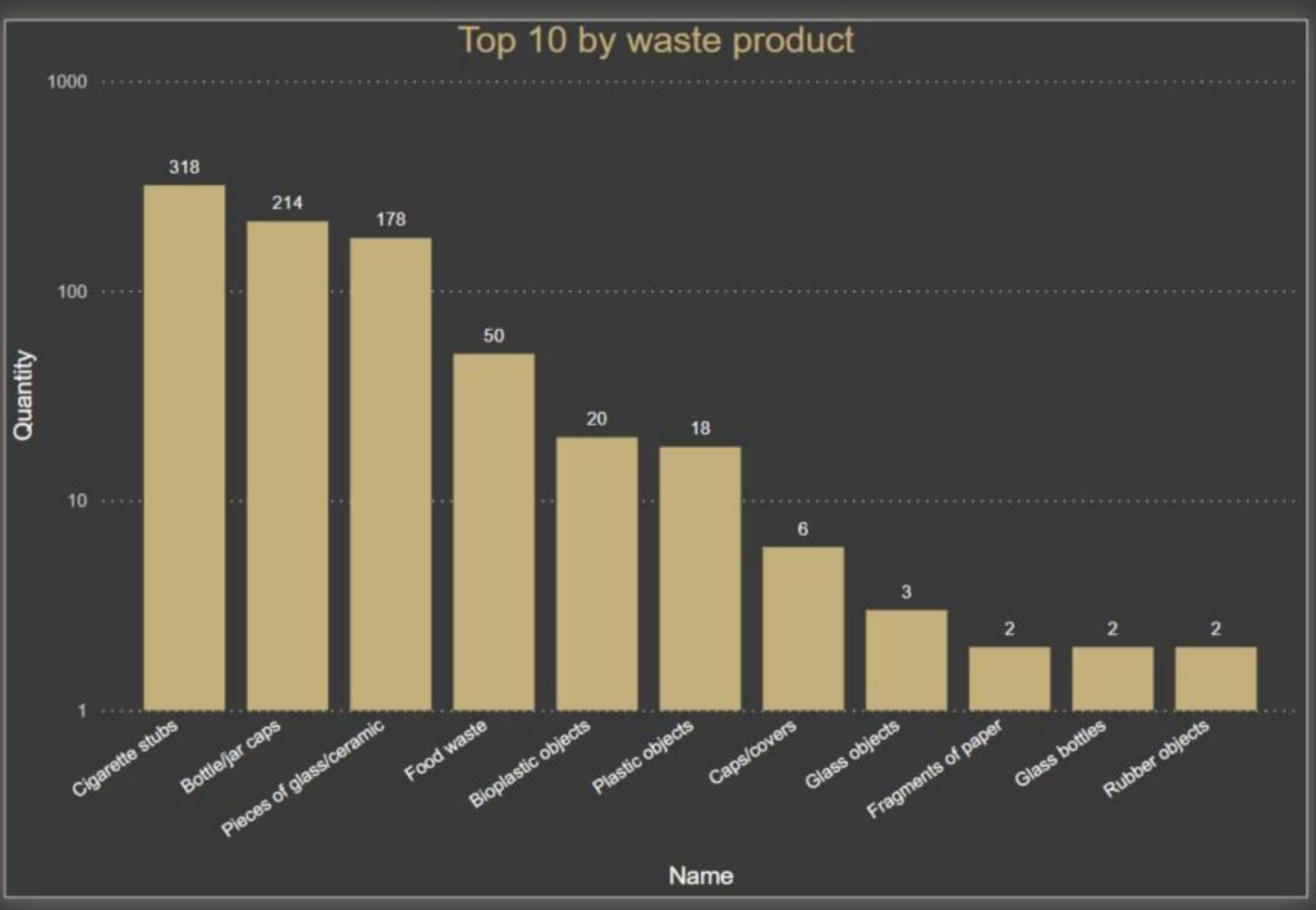


Beaches and Rivers Banks event Milano - Deep on Waste - separate collection

Milano



Top 10 by waste product



Focusing on waste, irrespective of category, cigarette stubs are the most common





Beaches and Rivers Banks event Roma - Overview



16/05/2021



58 EY volunteers



Lat. 41°56'12.3"N
Long. 12°31'23.9"E



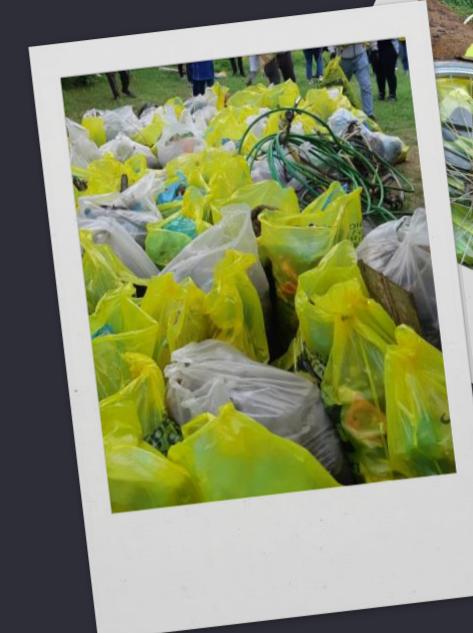
> 628 KG



The Aniene Reserve extends for 650 hectares along the Aniene River, up to its affluence in the Tiber. Along the Aniene River, within the reserve, a **barrier** was also installed in 2020 to **recover floating waste** and prevent it from reaching the sea.

The reserve is very popular especially on weekends, by families with children (also given the presence of play areas), and for sports such as jogging and cricket matches.

The activity concerned a limited area of the bank of the Aniene river, below the crossing of one of the bridges. The steep and very narrow area, following the flooding of the river Aniene, collects all the rubbish thrown into the river which, when the water level drops, remains trapped there among the vegetation.





Beaches and Rivers Banks event Roma - Deep on Waste - separate collection

14%

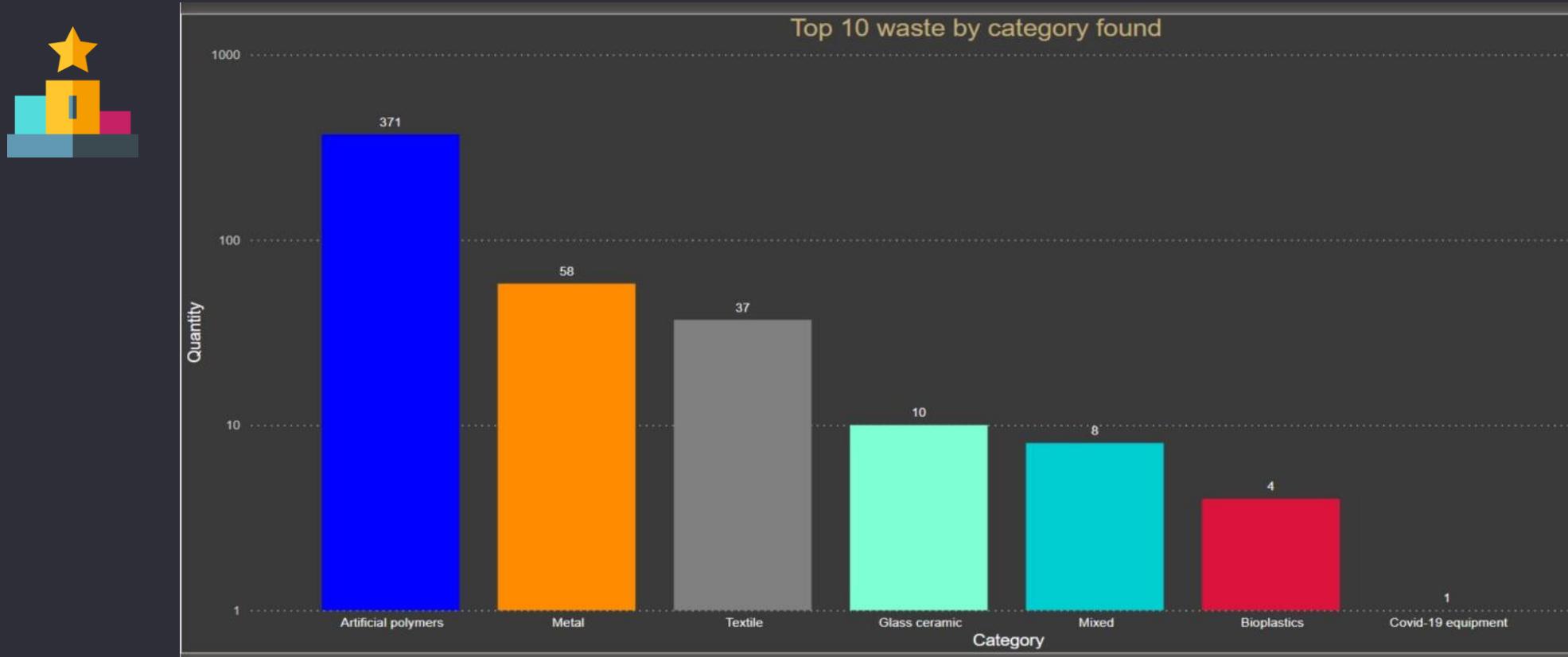
of waste that could be sorted
was collected in Roma



Although the highest number of kilos of waste was
collected in Rome, most of it was **unsorted waste**



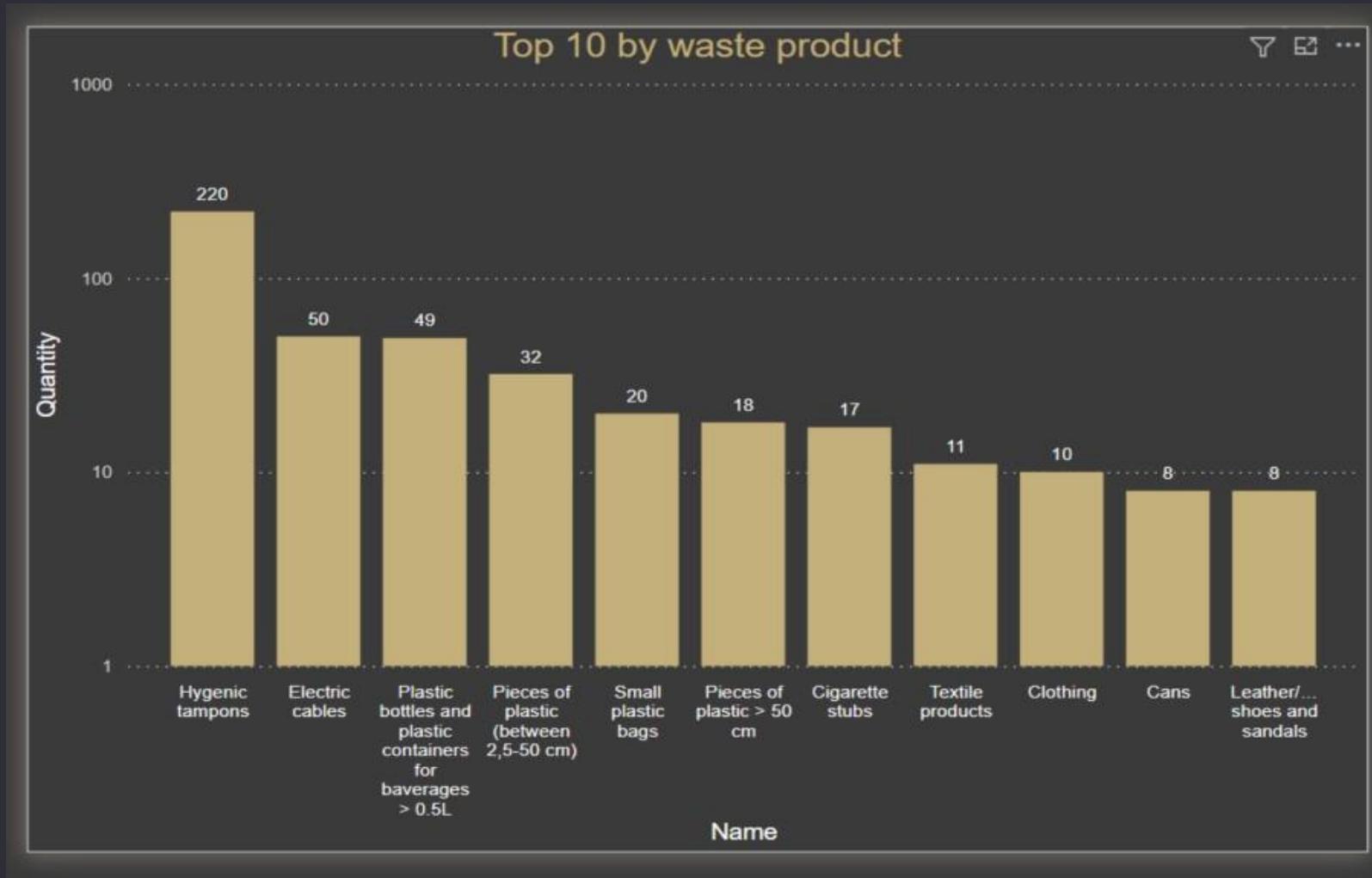
In Roma, most of the waste collected belongs
to the Artificial Polymers category, followed
by metal and textile





Beaches and Rivers Banks event Roma - Deep on Waste - separate collection

Roma



Focusing on waste, irrespective of category, hygienic tampons are the most common





Beaches and Rivers Banks event Bari - Overview



15/05/2021



17 EY volunteers



Lat. 41°08'31.5"N
Long. 16°48'18.9"E



> 360 KG

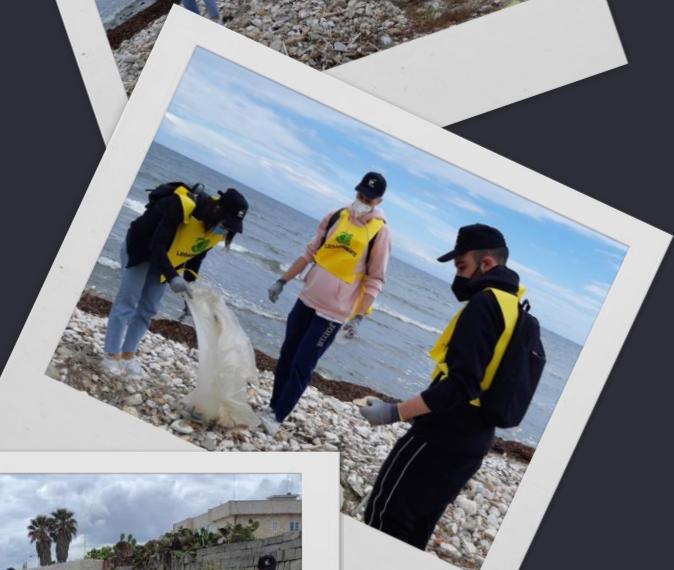


The Lama Balice Regional Nature Park covers an area of 495.2 hectares and crosses the Bari Murgia in the municipalities of Bitonto, Modugno and Bari and reaches as far as the sea. It is an area rich in biodiversity and geodiversity, with a rich mosaic of agroecosystems, garrigue, wooded pastures and Mediterranean scrub, as well as the presence of five geosites and several caves and hypogea.

The project involved a stretch of the Park's coastline in Bari.

The area is located north of Bari, in an urbanised context and often the scene of abandonment of waste of various kinds, as well as a natural landing place for waste returned from the sea.

The area is suggestive, with the street level slightly higher than sea level, the San Cataldo lighthouse in the background and the outlet to the sea of Lama Balice.





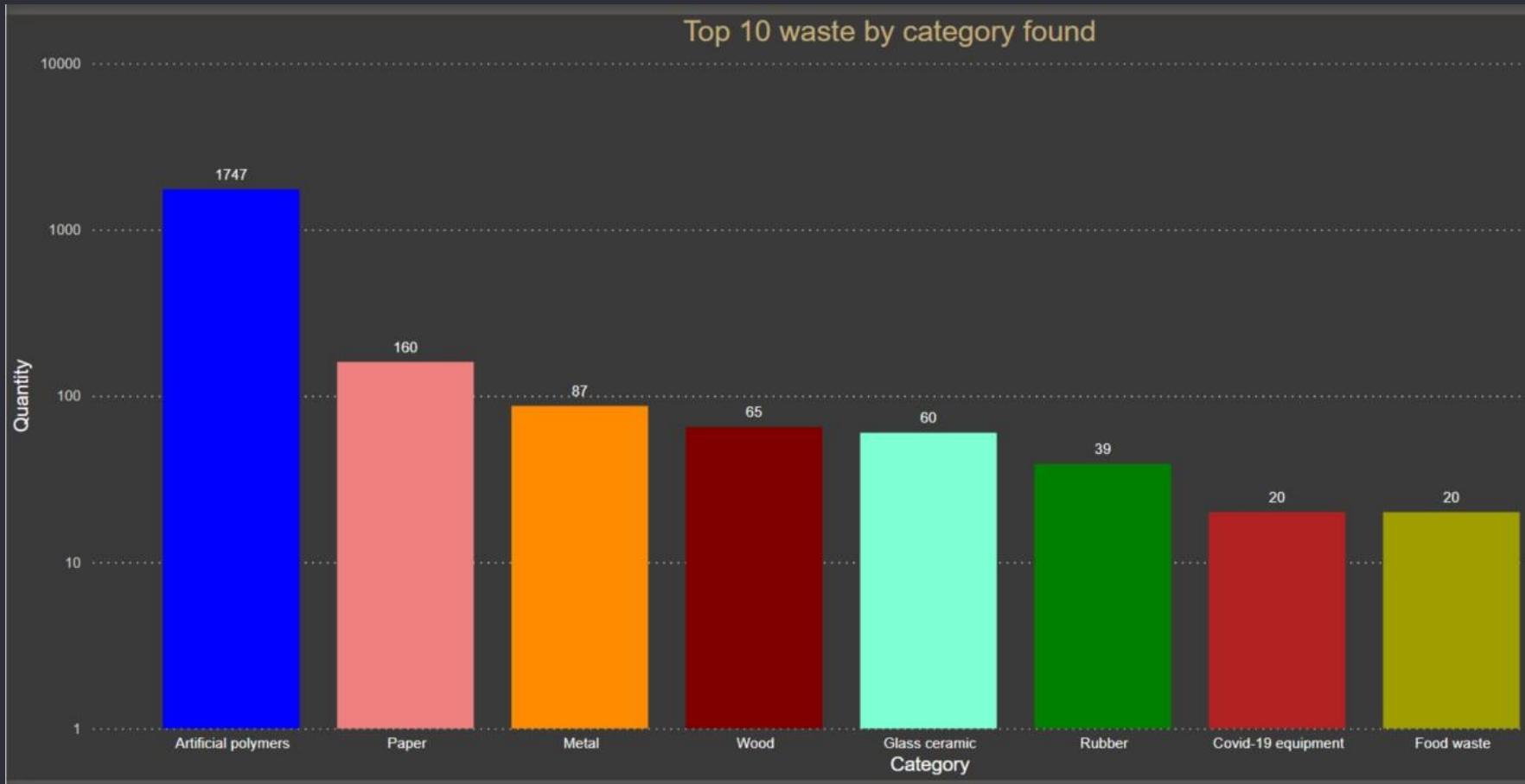
Beaches and Rivers Banks event Bari - Deep on Waste - separate collection

63%

of waste that could be sorted
was collected in **Bari**



In Bari, most of the waste collected belongs to the Artificial Polymers category, followed by paper, metal and wood.





Beaches and Rivers Banks event Bari - Deep on Waste - separate collection

Bari



Focusing on waste, irrespective of category, caps and lids almost on a par with mesh bags for plants are the most common



Beaches and Rivers Banks event
Aggregated - Deep on Waste - separate collection

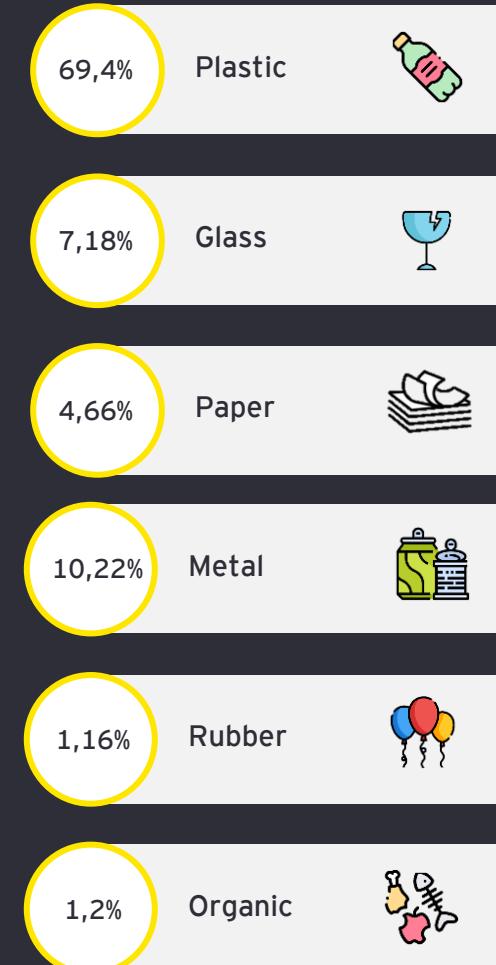


1.000 KG



3.522

SORTED WASTE



Beaches and Rivers Banks event

Aggregated - Deep on Waste - separate collection

FOCUS ON WASTE FOR CITY



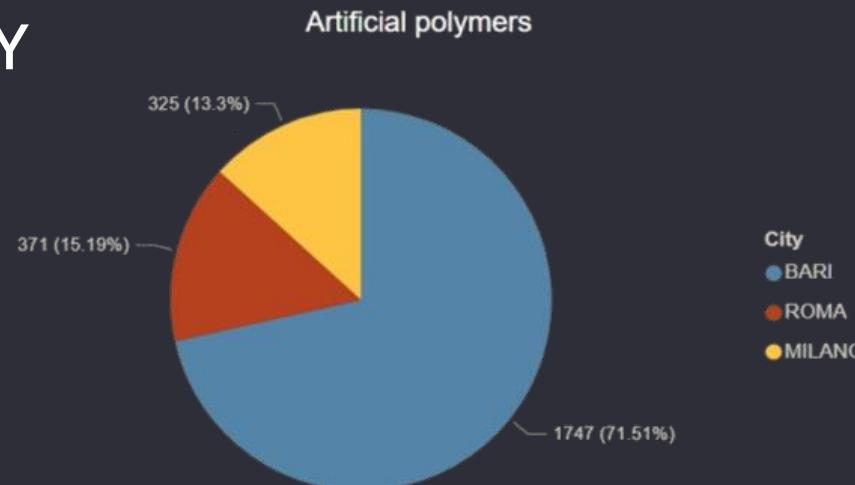
Milano



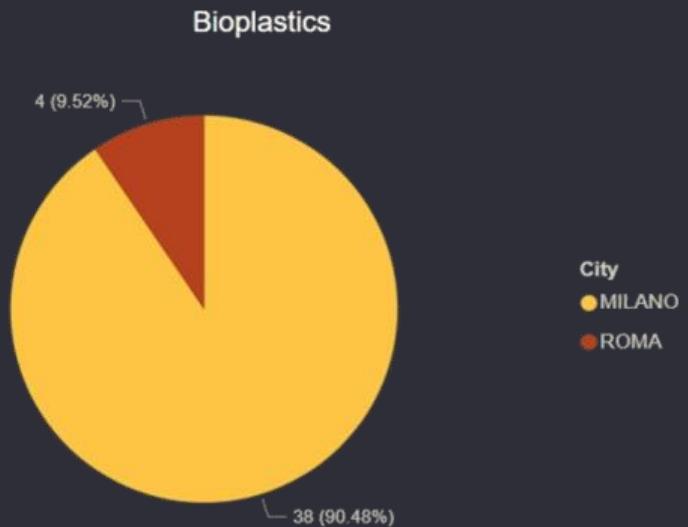
Roma



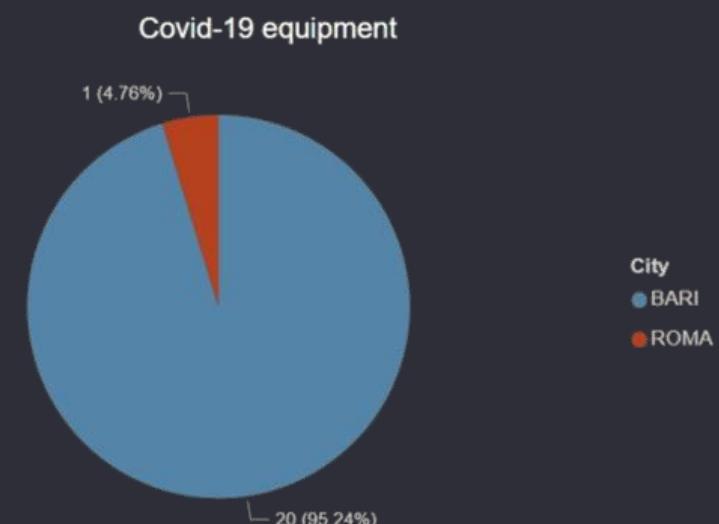
Bari



City
● BARI
● ROMA
● MILANO



City
● MILANO
● ROMA



City
● BARI
● ROMA



City
● MILANO
● BARI

Beaches and Rivers Banks event

Aggregated - Deep on Waste - separate collection

FOCUS ON WASTE FOR CITY



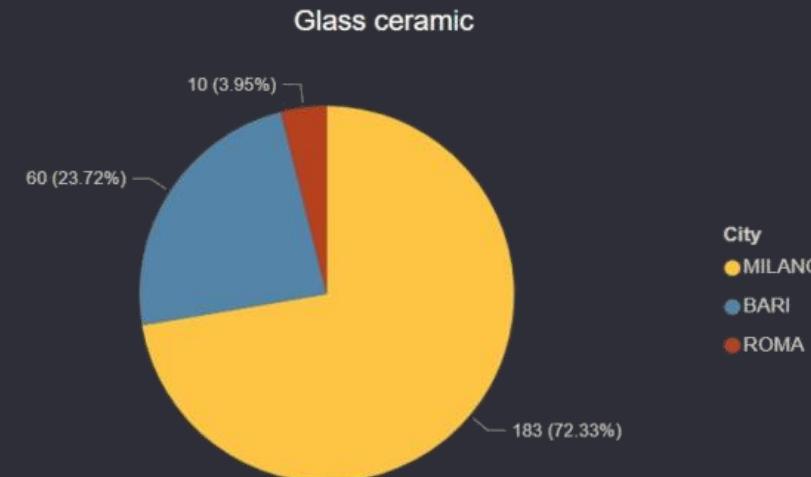
Milano



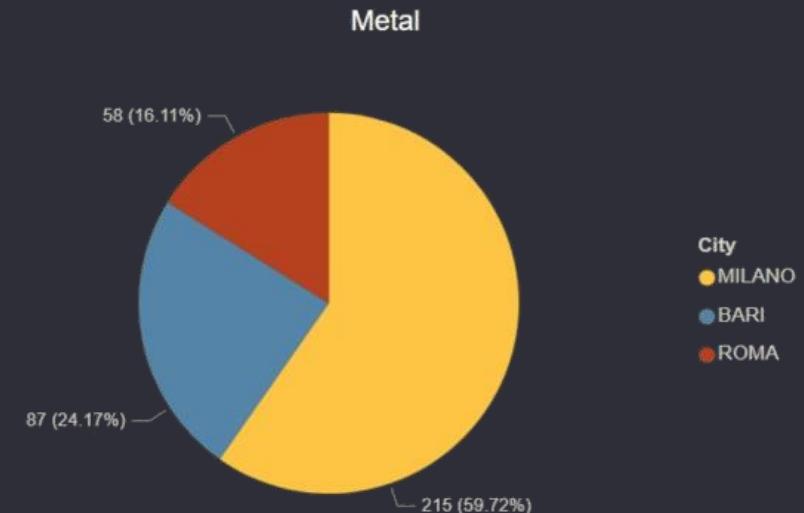
Roma



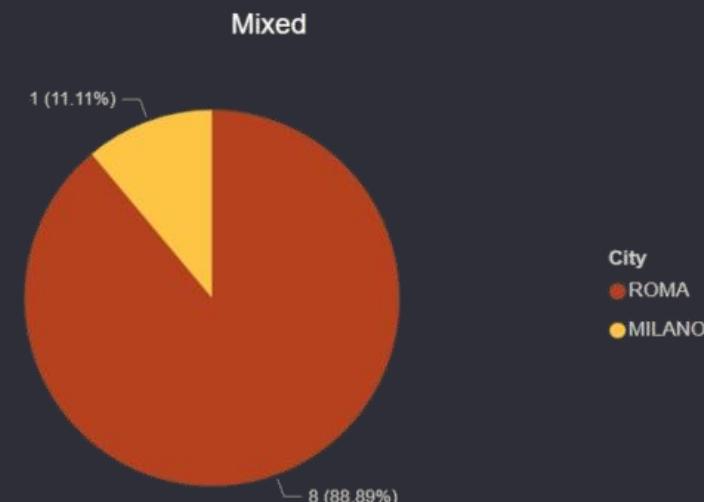
Bari



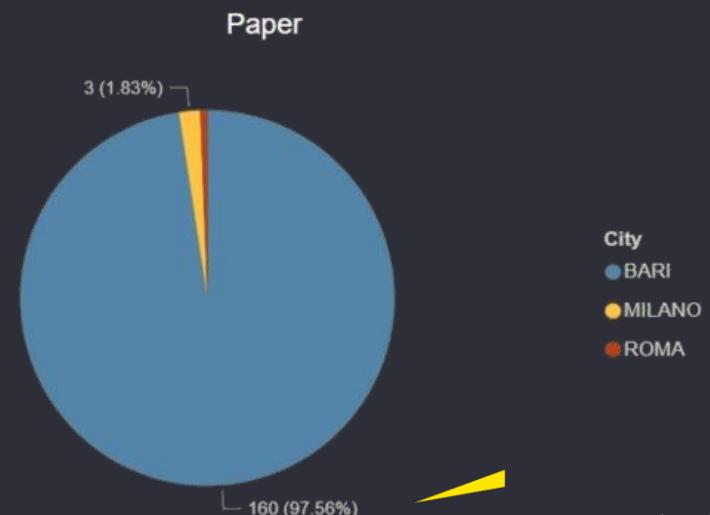
City
● MILANO
● BARI
● ROMA



City
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City
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● MILANO
● ROMA

Beaches and Rivers Banks event

Aggregated - Deep on Waste - separate collection

FOCUS ON WASTE FOR CITY



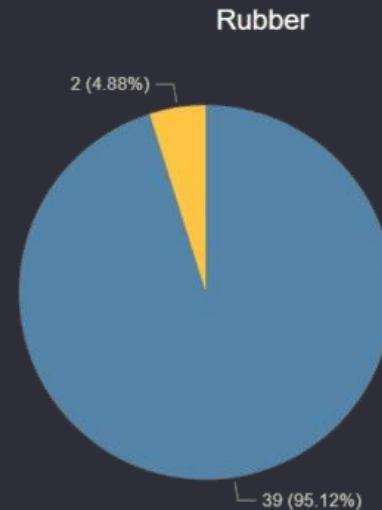
Milano



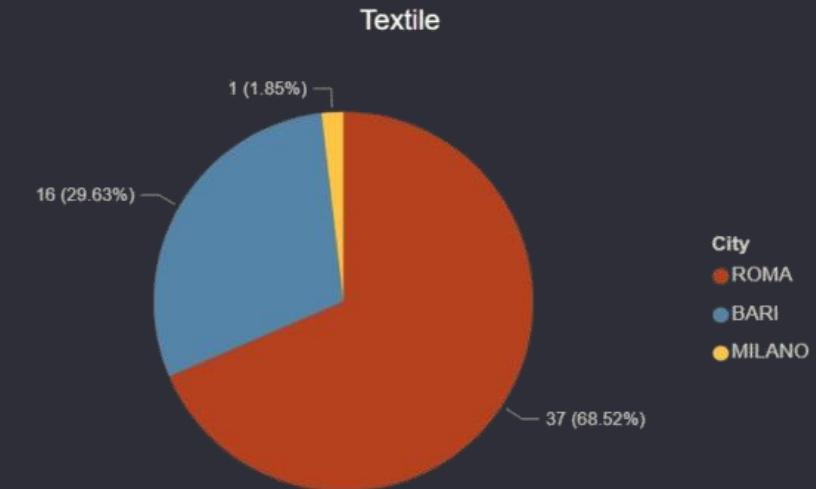
Roma



Bari



City
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City
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