



The second CSO Forum and Sustainability Excellence Awards

Program Introduction

Bolster confidence toward sustainability

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Foreword



“ Faced with the pressing issue of climate change, it has become a broad consensus to accelerate sustainable development and pursue harmony between humanity and nature. As an important part of Chinese modernization, China is moving steadily toward carbon peak and neutrality and improving its overall quality of economy amid efforts to promote high-quality development. More and more industries and companies are leveraging opportunities brought by carbon peak and neutrality initiative to accelerate green and low-carbon transformation and drive sustainability.

Green and low-carbon transformation is integral and necessary to promote economic and social high-quality development and requires joint efforts from all circles of society through continued innovation and policy dialogue. To support high-quality development, EY Greater China Region launched the inaugural CSO Forum and Sustainability Excellence Awards last year, designed to build a platform for high-level dialogue on paths toward green and sustainable development through innovation among Chinese enterprises and encourage listed companies to focus more on corporate environment responsibility, accelerate green technology innovation, promote industrial upgrading and play a leading role amid efforts to promote high-quality development. The CSO Forum and Sustainability Excellence Awards received positive responses and support from a variety of listed companies and financial institutions. The awards identified best practices and cases benefiting social and economic development and brought into play the role of demonstration and promotion.

Like the previous year, the CSO Forum and Sustainability Excellence Awards, themed *Bolster confidence toward sustainability*, were selected against professional and rigorous standards and judging criteria in line with national high-quality development requirements while highlighting representative, innovative and future-oriented features in exploring new paths, models and values of sustainability.

Over the last 55 years, EY Greater China Region has been committed to supporting national development strategies. In line with high-quality development requirements, we are accelerating our decarbonization efforts while fulfilling our social responsibilities. Meanwhile, we give full play to our unique advantages as a professional services organization, integrating resources to support industries in moving toward sustainability and create long-term value for society and enterprises. We will continue to work with all parties to bolster confidence toward sustainability to meet the challenges ahead and to build a more sustainable future.

Jack Chan
Chairman, China
Regional Managing Partner, Greater China
EY

Bolster confidence toward sustainability

Harmony between humanity and nature is an important feature of Chinese modernization. Promoting green and low-carbon economic and social transition and staying committed to sustainability represent major steps and underpin all efforts toward high-quality development.

The EY organization has been dedicated to supporting high-quality development, integrating multi-disciplinary services, helping companies become more sustainable and creating long-term value for society. We are confident that more companies will inject vigorous impetus into China's high-quality development through their own efforts in an efficient manner.

As such, EY Greater China Region launched the inaugural CSO Forum and Sustainability Excellence Awards in 2022, with the aim to identify and recognize leaders in sustainability and encourage listed companies to play a leading role on the journey toward high-quality development. Companies and leaders from a wide range of industries and sectors attended the Awards and demonstrated their remarkable achievements in exploring innovative transformation and sustainability.

This year's second CSO Forum and Sustainability Excellence Awards, themed "Bolster confidence toward sustainability". The awards recipients, including outstanding companies, individuals and best practices, were chosen by an independent judging panel. With a focus on high-quality development, the selection was made based on a scientific evaluation system, a rigorous selection process in combination with the information in EY ESG Database through a comprehensive and accurate evaluation of practices and effectiveness in sustainability, highlighting contributions to major national strategies including low-carbon transformation, technology innovation, coordinated regional development and rural revitalization. We believe that companies need to take actions in the following respects to achieve high-quality and sustainable development.

The first step is to accelerate establishing a mechanism for carbon neutrality, including defining what falls within the scope under the goal of net-zero carbon emissions, setting a science-based target, developing a timeline and roadmap, establishing an internal carbon management system and implementing relevant assessment system.

The second step is to empower the business community to be carbon neutral. Real entities can boost the research and development of new technologies and new models as well as market-oriented application by technology upgrading. Financial companies can expand ESG investment, explore and develop carbon financial instruments to support the internationalization of China's carbon market by innovating green financial offerings and instruments.

The third step is to promote the entire industrial chain toward sustainability. Companies can share the trends in sustainability and their success stories with those in the upstream and downstream of supply chains, partners across the ecosystem, industry alliances and consumers to enhance sustainability practices across different sectors.

The fourth step is to improve the standards and policy system. Companies are encouraged to engage in the discussion and preparation of sustainability related standards and policies and strengthen exchanges with policy makers, regulators and industry organizations on the trends in technology and industry-specific practices.

Confidence is the source of strength. We will continue to build the CSO Forum and Sustainability Excellence Awards into a platform to bolster confidence toward sustainability. We look forward to working with all sectors of society to build a more sustainable and better working world.

The second CSO Forum and Sustainability Excellence Awards Organizing Committee

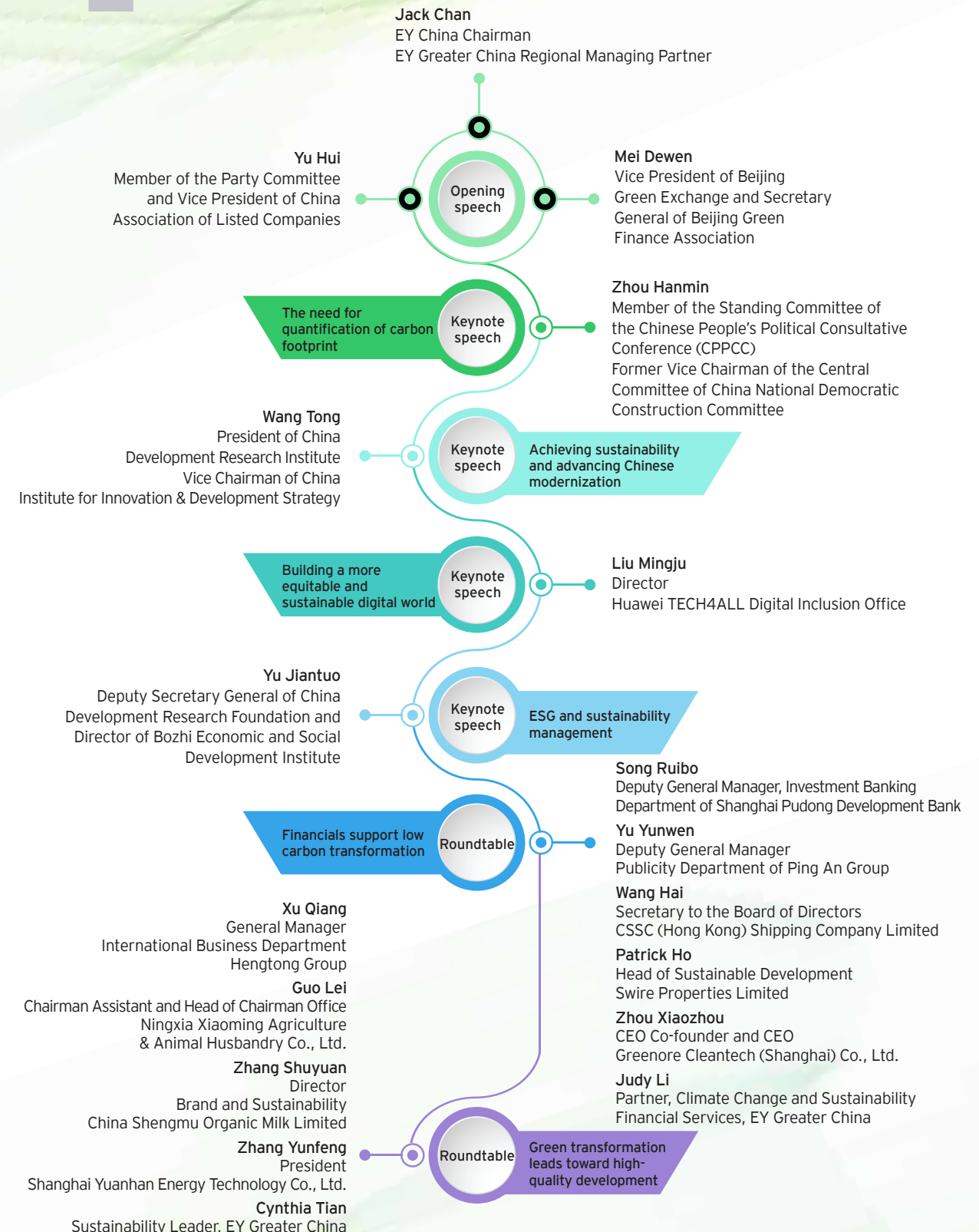
The second CSO forum

To actively implement the national “dual carbon” goals and support enterprises in green transformation and sustainable development, themed with *Bolster confidence toward sustainability*, EY teams held the second CSO Forum and Sustainability Excellence Awards on 24 November 2023.

According to the report to the 20th CPC National Congress, pursuing high-quality development is an overarching task to build a modern socialist country in an all-round way. Promoting the green and low-carbon development of the economy is the key to achieve high-quality development. The CSO Forum invited representatives from the government, regulators, professional organizations, academic institutions and leading companies to share insights on the opportunities and challenges in the transformation of different industries, as well as topics such as powering green and sustainable development with technology and finance. By gathering wisdom from different industries and sectors, the participants were committed to contributing to China’s high-quality development.



Forum agenda





Highlights of the forum

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Sustainability requires concerted efforts from all sectors of society to make continuous breakthroughs through sustained innovation and policy dialogue. As a professional services organization, EY will continue to leverage our unique value proposition to drive connectivity between industry and financials, technology and application and build the CSO Forum and Sustainability Excellence Awards into a platform for high-level dialogue on innovative development, to discuss benefits and share experience on the journey toward high-quality development among Chinese listed companies and financial institutions and to promote high-quality development in a wider range of industries to achieve social and economic benefits with win-win results.



Jack Chan
EY China Chairman
EY Greater China Regional Managing
Partner

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The implementation of the sustainability philosophy, which is of great significance, is aligned with the requirements of high-quality development and a necessity for green finance.

Yu Hui
Member of the Party Committee and
Vice President of China Association of
Listed Companies



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Under the high-quality development strategy and dual carbon goals, industries, economy and investment are entering a new stage of development, opening up new opportunities while posing fresh challenges.

Mei Dewen
Vice President of Beijing Green
Exchange and Secretary General of
Beijing Green Finance Association



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As an underpinning for the accelerated development of the modern industrial systems, promoting intelligent, green and integrated industries is an effective way to implement the dual carbon strategy. Since China has a full range of industry sectors, boosting sustainability is of great significance for creating a modern industrial system with integrity, advancement and security.

Zhou Hanmin
Member of the Standing Committee of the Chinese People's Political Consultative Conference (CPPCC), Former Vice Chairman of the Central Committee of China National Democratic Construction Committee

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The dual carbon goals have brought both opportunities and challenges, helping to improve industrial total factor productivity, transform production methods, accelerate the transformation to conserve energy and reduce emissions and foster new business models, thus achieving the overall goal of structural readjustment, optimization and upgrading. As for sustaining efforts toward Chinese modernization, it is suggested that considerations to be taken in two dimensions - ideologically, deepening understanding of top-level design ideology, streamlining and reimagining the sustainability ideology under the theoretical framework of Chinese modernization; practically, integrating sustainability into corporate development strategy with listed companies as a pioneering model.

Wang Tong
President of China Development Research Institute
Vice Chairman of China Institute for Innovation & Development Strategy

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We are living in an unprecedented era. The rapid development of digital technology is accelerating the reshaping of our world, driving significant improvement in production efficiency and productivity across industries and society.

Liu Mingju
Director
Huawei TECH4ALL Digital Inclusion Office

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ESG is on the rise in practice. We should seize the time window to promote the establishment of a unified and coordinated ESG standard system and create lightweight ESG tools for practical and easy use.

Yu Jiantuo
Deputy Secretary General of China Development Research Foundation and Director of Bozhi Economic and Social Development Institute

Roundtable 1: Financials support low carbon transformation



The roundtable session brings together representatives from the financial, industrial and technology sectors. I believe that the roundtable session will create an inspiring impact. To achieve dual carbon goals, what's required is financial support and technology-driven solutions, along with collaboration among industries and sectors. It is expected that the CSO Forum will mobilize all sectors of society to contribute wisdom and strength to the building of a more sustainable and better future.

Judy Li
Partner
Climate Change and Sustainability,
Financial Services,
Ernst & Young Hua Ming LLP

The ESG practice should adhere the principle of concept, practice and innovation, integrated advancement and steady development. Shanghai Pudong Development Bank will continue to expand the circle of friends in the field of green finance, bring quality resources together, gather strength in innovation, strengthen opening-up and win-win cooperation and work with all sectors of society to make sustained efforts in ESG practices.

Song Ruibo
Deputy General Manager
Investment Banking Department
of Shanghai Pudong
Development Bank

Ping An Group of China leverages its advantage as a fully licensed company approved to engage in insurance, investment, banking and other businesses, explores innovation in green finance and is dedicated to boosting green finance to support the real economy in green transformation and high-quality development.

Yu Yunwen
Deputy General Manager
Publicity Department of
Ping An Group

As a global leader in manufacturer shipping leasing, we have been implementing the sustainability philosophy and pursuing solutions in green shipping and clean energy. Along with our concerted efforts in ESG management, we need further support from macro policies to boost green development through green finance and encourage companies to invest in ESG and embark on a journey toward sustainability through green and low-carbon development.

Wang Hai
Secretary to the Board of Directors
CSSC (Hong Kong) Shipping
Company Limited

As our core proposition, sustainability is the DNA of our brand. In line with our sustainability strategy, we integrate sustainability into every research dimension, starting with the life cycle of a building toward green transformation and development across the value chain.

Patrick Ho
Head of Sustainable Development
Swire Properties Limited

As for ESG, finance is as vital as blood while climate technology companies seem like a heart beating strongly. The sustained innovation and technology breakthroughs will make the heart beat more strongly and allow the flowing blood to empower us to create more vitality.

Zhou Xiaozhou
Co-founder and CEO
Greenore Cleantech (Shanghai)
Co., Ltd.

Roundtable 2: Green transformation leads toward high-quality development



The ESG implementation is both an obligation and a responsibility and brings opportunities amid development. The implementation is focused on energy-consuming industries and sectors closely related to the transformation to new energy, however, ESG covers a wider range of areas. Different companies may have different ways of ESG practice, demonstrating their strong commitment and proactive actions toward sustainability.

The cross-sector integration is key to move the green transformation forward. Companies are expected to step outside their comfort zone and refresh their circle of friends toward a greener future.

Cynthia Tian
Sustainability Leader
Ernst & Young Hua Ming LLP

Offshore energy developers are shouldering the mission of offshore energy transformation. They understand that a greener supply chain is expected. Thus, we are embracing the challenges ahead on the journey toward sustainability.

Xu Qiang
General Manager
International Business Department,
Hengtong Group

We are committed to the research of aquaculture biosecurity system and technology development and actively undertake social responsibilities. We aim to provide solutions to the prevention of major and vital diseases. In recent years, we have been dedicated to the integrated control and purification of animal diseases. From the infrastructure operation to corporate culture, we have integrated biosecurity into routine operations.

Guo Lei
Chairman Assistant and
Head of Chairman Office
Ningxia Xiaoming Agriculture
& Animal Husbandry Co., Ltd.

When it comes to sustainable operations, we benchmark leading practices and in terms of strategic deployment, we promote green transformation, give priority to ecology and green development and pursue a harmony between humanity and nature to create a new business model of natural economy benefiting nature while focusing on business goodwill.

Zhang Shuyuan
Director
Brand and Sustainability,
China Shengmu Organic Milk Limited

We keep our eyes on the new energy sector while exploring the potential in sector coupling and innovative technology integration in traditional industries. We are confident that sustained technology innovation and sector integration can lead Chinese industries toward a greener and more sustainable future.

Zhang Yunfeng
President
Shanghai Yuanhan Energy
Technology Co., Ltd.

EY Sustainability Excellence Awards

Promoting green and low-carbon economic and social transition and staying committed to sustainability represent major steps and underpin all efforts toward high-quality development. The EY Sustainability Excellence Awards is mainly designed for listed companies, bringing together best practices in sustainability and low carbon transformation in China and pursuing new avenues and opportunities toward sustainability. The awards recipients, including 16 companies, 2 individuals, 15 best cases and 2 special jury awards winners, were chosen by an independent judging panel through a rigorous selection process based on high-quality development metrics, the latest global sustainability assessment system, ESG standards as well as economic, social and technological values created.



Scope

Nominees, recommended by the organizers and event supporters, are mainly from national and international listed companies of a certain scale. The nominee can be a company, the head of a company, a CSO/leader from sustainability-related functions, and a practice/case.



Company

includes but not limited to:

- ▶ Companies excelling in overall ESG performance
- ▶ Companies excelling in one or more areas of ESG
- ▶ Companies leading ESG efforts in their industry



Individual

includes but not limited to:

- ▶ Individuals working at a listed company, including executives responsible for typical sustainability-related business, innovative technical professionals and scientists
- ▶ Influential individuals who initiate, promote or lead sustainability efforts



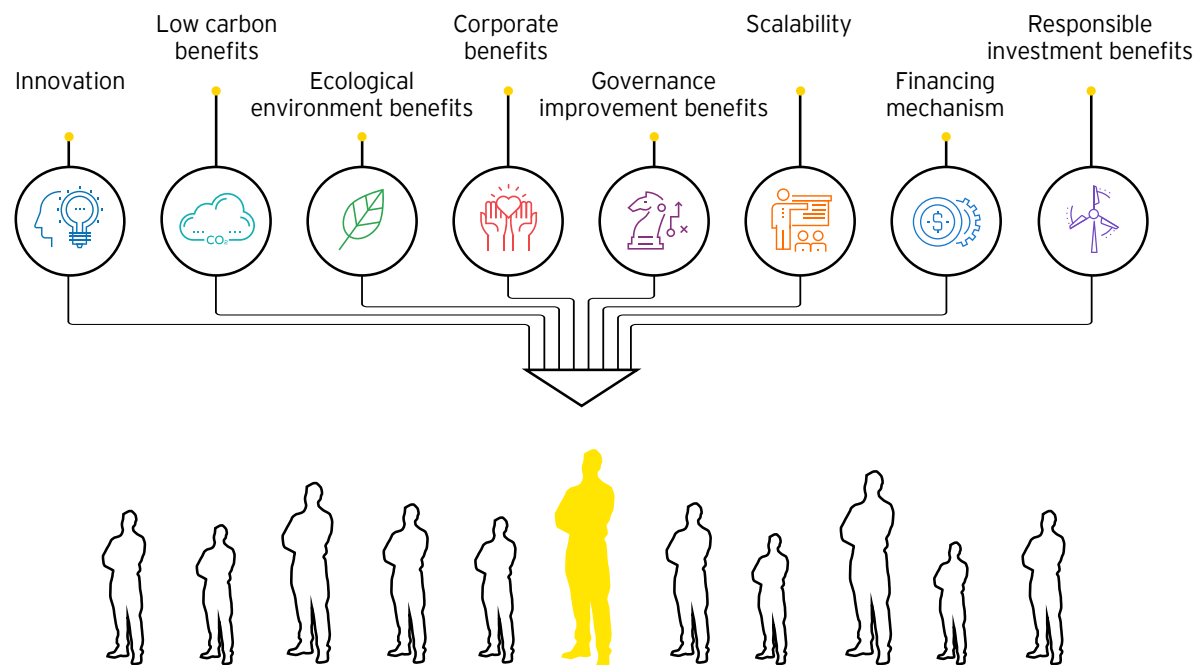
Practice/Case

includes but not limited to:

- ▶ Low-carbon transformation and ESG management projects with leading technology, scalability, clear trends in cost reduction, wider commercial application, comparable advantages in market entry and affordability and significant social effects
- ▶ Dual carbon targets-related roadmap and best practices/cases
- ▶ Investment projects and financial products with excellent performance in ESG, including but not limited to helping achieve significant low-carbon benefits, supporting pollution prevention and environmental protection projects, creating and increasing jobs, supporting rural revitalization, facilitating the development of small and micro-sized companies, improving health care and medical provision, raising education level or increasing educated population, supporting the achievement of common wealth and sustainability targets

Judging criteria

EY teams will bring in the latest global sustainability evaluation system and ESG standards while referring to national and international principles and guidelines. The independent judging panel will evaluate shortlisted nominations based on the judging criteria below.

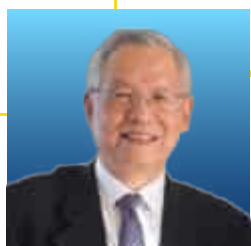


2023 Selection Process



2023 Independent judging panel

With reference to the judging criteria, an independent panel of recognized judges - comprising local experts, scholars, entrepreneurs and institutional investors - selects the award recipients of Sustainability Excellence Awards based on the application materials and due diligence reports. The judging process is carried out in a fair, open and impartial manner.



Mr. Wang Zhan

Honorary Judging Chairman
Chairman of Shanghai Federation of Social Sciences
Vice President of China Economic System Reform Research Association
Executive Director of China Center for International Economic Exchanges



Professor Jiao Jie

Judging Chairman
Professor at Department of Innovation, Entrepreneurship and Strategy
Dean of the Institute for State-owned Asset Management of Tsinghua University
Director of the China Industrial Development Research Center at Tsinghua University SEM



Mr. Yu Xingxi

Judge
Secretary General of the Listed Companies Association of Beijing
Member of Academic Advisory Committee and Independent Directors Committee of China Association for Public Companies (CAPC)



Mr. Mei Dewin

Judge
Vice President of China Beijing Green Exchange
(former China Beijing Environment Exchange)



Dr. Yuebing Lu

Judge
Chairman of the Board of Directors, Air Liquide China Holding Co., Ltd.
Senior Partner, B Capital Group



Dr. Neil Wang

Judge
Frost & Sullivan Global Partner and Greater China Chairman



Mr. Chao Yijun

Judge
Partner, Han Kun Law Offices



Mr. Liu Senlin

Judge
Managing Director, CICC Capital

EY Sustainability Excellence Awards 2023 - Special Jury Prize

(The list is in no particular order.)



中国中冶

Metallurgical Corporation Of China Ltd.

Metallurgical Corporation Of China Ltd. (MCC) is a world's largest and strongest metallurgical construction contractor and operation service provider. Adhering to the strategic positioning of "being the national team of metallurgical construction", MCC assumes the national responsibility of leading China's metallurgical industry to a higher level.

MCC, being recognized as one of the state's key resource enterprises, is actively driving the industry's low-carbon transformation. With a focus on high-technology and high-quality innovation and development, MCC is committed to implementing green, recycling and low-carbon practices across its metallurgical production, infrastructure development and emerging businesses.

Additionally, MCC is dedicated to promoting the "Dual Carbon" initiative and advancing the research and development of green technologies. Notably, MCC's consultation and design for the Ceri HBIS Zhangxuan Tech Hydrogen Metallurgy Demonstration Project has achieved a significant milestone by successfully transitioning from laboratory testing to physical production. This breakthrough in hydrometallurgy's core technology has earned MCC the prestigious Special Jury Prize. Furthermore, the project has been honored with the Excellence Awards - Best Practice/Case, exemplifying remarkable scientific and technological innovation.

CATL 宁德时代

Contemporary Amperex Technology Co., Ltd.

Contemporary Amperex Technology Co., Ltd. (CATL) is a leading global technology company specializing in new energy solutions. With its expertise in battery materials, systems and recycling, CATL is at the forefront of innovation in the industry. The company is dedicated to providing top-notch solutions and services for sustainable development in the new energy sector through advancements in materials, systems, manufacturing and business models.

CATL is actively engaged in carbon management, with over 400 energy-saving projects planned for 2022. These initiatives have resulted in a cumulative reduction of 447,230 tons of carbon emissions and a 24.89% decrease in greenhouse gas emissions per unit of product. Additionally, CATL's Yibin factory is the world's first "zero-carbon factory" in the battery industry, achieving a yearly reduction of 400,000 tons of carbon emissions through improved energy utilization efficiency. CATL aims to share the success of its zero-carbon factory model with major production bases worldwide, serving as a valuable reference for the industry's low-carbon transformation and offering an innovative solution of "all-electric + zero-carbon".

CATL's commitment to sustainability has also been recognized as the EY Sustainability Excellence Awards 2023 - Company. The Judging Panel acknowledges CATL's remarkable contributions to the advancement of the new energy field and its exemplary practices in sustainable development. They eagerly anticipate CATL's continued support in assisting more stakeholders and companies in achieving their carbon transformation goals.

EY Sustainability Excellence Awards 2023 - Company

(The list is in no particular order.)



Air China Limited

Air China is the country's exclusive national flag carrier for civil aviation and a member of Star Alliance - the world's largest airline alliance. It leads domestic counterparts in passenger and freight air transport and related services. It is known to all that Air China takes the responsibility of special plane task for Chinese national leaders visiting abroad, and foreign leaders and governmental leaders visiting China, which demonstrates the exclusive status as the national flag carrier.

Air China has achieved significant milestones in the pursuit of sustainable development in recent years. The airline has established its Board of Directors as the highest decision-making body for ESG issues. Led by the Chairman and Vice Chairman, this board is responsible for formulating the company's social responsibility strategy and planning, as well as guiding the promotion and implementation of social responsibility initiatives. Air China remains committed to its core values of "Safety First, Four Hearted Service, Steady Development, Employee Achievement, and Fulfillment of Responsibilities." As a leading national airline, it actively fulfills its social responsibilities, driving the company's pursuit of high-quality development and striving to become a world-class air transportation enterprise.



China Railway Construction Co., Ltd.

As one of the most powerful and largest general construction groups in the world, China Railway Construction Co., Ltd. operates across 140 countries and regions worldwide. The company is committed to the vision of "weaving the longitude and latitude lines on earth to achieve a better future" and actively enhances the service capabilities throughout the entire industry chain. By doing so, it fosters sustainable development in collaboration with all stakeholders involved.



中国建材股份

China National Building Material Co., Ltd.

China National Building Material Co., Ltd. is at the forefront of promoting sustainable practices and innovation by implementing carbon reduction, carbon sequestration, carbon management and other environmental protection technologies. These initiatives aim to minimize the adverse effects of industrial waste on the surrounding water bodies and ecological environment. China National Building Material is committed to expediting the transition towards a greener and low-carbon future. Additionally, it integrates social responsibility management into its development strategy, actively participating in rural revitalization, public welfare and charitable endeavors. By doing so, the company strives to foster a community of shared future for mankind.



中国广核电力股份有限公司 CGN Power Co., Ltd.

CGN Power Co., Ltd.

CGN Power Co., Ltd. (CGN Power) is a pioneer and industry leader in China's nuclear power sector.

Since the inception, CGN Power has deeply integrated the concept of sustainable development into its corporate strategy, guided by the strategic principles of "Excellence, Stability, Cleanness, Growth". The company is committed to establishing a world-class model for nuclear power projects that are characterized by their cleanliness, low-carbon footprint, environmental friendliness, technological self-sufficiency and contributions to thriving communities. HPR 1000 (Hua-long Pressurized Reactor), a third-generation advanced megawatt-class PWR nuclear power technology with independent intellectual property rights researched and produced by CGN Power, is one of the most widely accepted third-generation nuclear power models in the world's current nuclear power market, aligning with the highest international safety standards. CGN Power actively, openly and transparently engages in public communication, continuously explores innovative approaches to promote clean energy awareness, reshapes public perceptions of nuclear power, mitigates public concerns and fosters a positive environment in which the entire industry and society collaboratively uphold nuclear safety.

EY Sustainability Excellence Awards 2023 - Company

(The list is in no particular order.)



China Life Insurance Co., Ltd.

China Life Insurance Co., Ltd. stands as a prominent player in the national life insurance sector. With a steadfast commitment to the ESG strategic objective of establishing a globally recognized and accountable life insurance company, China Life Insurance Co., Ltd. has consistently held the top spot in the domestic life insurance market. This achievement can be attributed to its extensive experience, robust capabilities, exceptional professionalism and a renowned brand that is recognized worldwide.



Contemporary Amperex Technology Co., Ltd.

Contemporary Amperex Technology Co., Ltd. (CATC) is a leading player in the field of innovative new energy technology. The company focuses primarily on researching, developing, producing and selling renewable energy generation storage and EV batteries. Its main objective is to facilitate the replacement of stationary and mobile fossil energy. By prioritizing "electrification + intelligence," CATC achieves integrated innovation of market applications. Capitalizing on the immense potential of the new energy industry's historical development, CATC is dedicated to supporting global energy transition and promoting green development. This commitment is realized through technological advancements, innovative business models, sustainable manufacturing practices and a well-established industry chain.



JD.com, Inc.

JD.com, Inc., driven by its mission to "Powered by Technology for A More Productive and Sustainable World" and guided by the vision of "Become the Most Trusted Company in the World" is steadfast in its commitment to advancing ESG governance and driving performance excellence. JD.com, Inc. consistently strives for outstanding achievements in corporate governance, business ethics, supply chain management and green logistics, among other crucial areas. JD.com, Inc. has been awarded a BBB ESG rating by MSCI and has received an impressive score of 62 from S&P, solidifying its position at the forefront of the industry.



Beijing Oriental Electronics Technology Group Co., Ltd.

Founded in April 1993, Beijing Oriental Electronics Technology Group Co., Ltd. (BOE) is an innovative global IoT company and a global leader in semiconductor display products. At present, one out of four display products in the world comes from BOE. According to the 2023 ranking of international patent applications published by the World Intellectual Property Organization (WIPO), BOE ranked seventh in the world with 1,884 PCT patent applications, staying among the top 10 for seven years in a row. As of 2022, BOE had independently filed more than 80,000 patent applications to patent offices around the world. Out of the new patent applications, over 90% were patents for inventions and above 33% were filed overseas.

Throughout its existence, BOE has consistently upheld its commitment to honoring technological advancements and remaining dedicated to constant innovation. The company has embraced the notion of collaborative and collective development in technological innovation, as reflected in its endeavor to empower small and micro enterprises through patents and utilize technology to foster public welfare. Furthermore, BOE has actively championed the establishment of various patent pools, with the ultimate goal of fostering an environment that not only encourages growth but also propels overall development.

EY Sustainability Excellence Awards 2023

- Company

(The list is in no particular order.)



Beijing Yanjing Brewery Co., Ltd.

As a leading company in the Chinese beer industry, Beijing Yanjing Brewery Co., Ltd. is committed to its mission of improving people's lives through brewing. The company prioritizes high-quality development and embraces the ESG concept as a guiding principle. This comprehensive transformation aims to drive performance growth, enhance development prospects and establish a positive corporate image, ultimately modernizing the company's governance capabilities.

To effectively implement ESG practices, Yanjing Brewery has established an ESG Development Committee and developed a governance framework that includes the board of directors, the ESG Development Committee and various subcommittees. This framework is based on a five-year ESG strategic plan, ensuring that ESG principles are put into action. The company actively promotes green, low-carbon and circular development through initiatives such as creating environmentally friendly factories, promoting sustainable supply chain construction, improving water resource management systems, participating in carbon emission trading, promoting energy transformation and innovating green, low-carbon process technologies.

Yanjing Brewery has achieved an "A" rating in the MSCI ESG ratings and has been honored as one of the "Top 100 ESG Companies in China" for two consecutive years. It has also been included in the "CSI ESG Top 100 Index" and selected for the "Beijing State-owned Listed Companies ESG Pioneer 30 Index." The company has been recognized as an "Outstanding ESG Case of Beijing State-owned Listed Companies" and an "Outstanding ESG Practice Case of Listed Companies" by the China Association for Public Companies.



BAIC BluePark New Energy Technology Co., Ltd

BAIC BluePark New Energy Technology Co., Ltd is renowned for its innovative and environmentally friendly approach, dedicated to manufacturing sustainable vehicles for China. The company has achieved numerous significant milestones in the new energy vehicle industry. It holds the distinction of being the first enterprise in China to obtain production qualification for new energy vehicles. With cutting-edge technology, BAIC BluePark is at the forefront of the new energy vehicle sector in China. Additionally, its plant at Zhenjiang has been recognized as one of the initial participants in the Ministry of Industry and Information Technology's Green Manufacturing Demonstration Lists, demonstrating its commitment to supporting carbon peak and carbon neutrality initiatives.



Tongwei Co., Ltd

Tongwei Co., Ltd is a large private technology-based listed company, controlled by Tongwei Group, that focuses on the efficient collaborative development of green agriculture and green energy. The company upholds the corporate purpose of "Striving for Excellence, Contributing to Society" and is committed to building a world-class safe food supplier and a world-class clean energy operator.

With the vision of "For Better Life" Tongwei Co., Ltd fully integrates ESG strategies into all aspects of the company. It has pioneered the business model of "Agriculture (fishery) + PV" integration and collaborative development, which combines photovoltaic power generation with modern fisheries, achieving multiple environmental and social benefits. In 2022, Tongwei Co., Ltd was honored with the Forbes China Top 50 Sustainable Development Industrial Enterprises, Fortune China ESG Impact List and the China Socially Responsible ESG Listed Company. It has also been successfully selected as one of the top ten carbon-neutral demonstration cases by the China Energy Research Society in 2022.



Haier Smart Home Co., Ltd.

Haier Smart Home Co., Ltd. is committed to becoming a leading enterprise of the era. As a smart home ecosystem brand that provides customized solutions for a better life to global users, the company is primarily engaged in the research, development, production and sales of intelligent home appliances such as refrigerators and freezers, washing machines, air conditioners, water heaters and kitchen appliances, as well as smart home scenario solutions. Through a combination of products, brands and solutions, Haier Smart Home provides a comprehensive intelligent living experience for everyone.

In 2022, Haier Smart Home once again made it to the Fortune China ESG Impact List and Forbes World's Best Employers List. The company's ESG efforts have been recognized by external rating agencies, with an A-level rating from MSCI. Thanks to these achievements, Haier Smart Home has successfully been included in the three major ESG indices of the Hang Seng Index (HSI), including the HSI ESG Enhanced Index, the HSI ESG Enhanced Select Index and HSI China ESG Enhanced Index.

EY Sustainability Excellence Awards 2023 - Company

(The list is in no particular order.)



CSSC (Hong Kong) Shipping Co., Ltd.

CSSC (Hong Kong) Shipping Co., Ltd. is the first shipyard leasing company in the Greater China region and one of the leading global ship leasing companies. As a leading market participant in the global ship leasing industry, CSSC provides customized and flexible ship financing and service solutions to global ship traders, cargo owners and traders to meet their diverse needs.

In the face of increasing global risks and stricter industry regulatory requirements, CSSC helps companies achieve long-term sustainable development through innovative ESG governance systems and promotes a green economic cycle that aligns with the supply chain. CSSC continues to optimize the allocation of shipping financial resources and jointly build a green shipping ecosystem. It firmly adheres to the concept of green and sustainable development, implements the national strategy of "Carbon Peak and Carbon Neutrality", promotes the high-quality transformation of the shipbuilding industry, promotes low-carbon and green development of the shipping industry, ensures national energy security and strives to build a new era of a better life for humanity.



Swire Properties Limited

Swire Properties Limited, founded in 1972, is a prominent developer, owner, and operator of mixed-use projects in Hong Kong and the Chinese mainland. In the year 2016, Swire Properties introduced its Sustainability Vision and formulated its 2030 Sustainability Strategy. This strategy encompasses the implementation of cutting-edge technologies and inventive solutions to diminish energy consumption and carbon emissions. Additionally, Swire Properties actively collaborates with suppliers and tenants to effectively attain its sustainability objectives.



GEM Co., Ltd.

GEM Co., Ltd. was established and registered in Shenzhen in 2001. It has been listed on the Shenzhen Stock Exchange (stock code: 002340) and the Swiss Stock Exchange, with an annual output value of over 30 billion yuan. Starting with the recycling and reuse of electronic waste, GEM has established a recycling industry chain for nickel-cobalt-tungsten resources, waste batteries, electronic waste, scrapped cars and waste plastics. At the same time, relying on innovation and technological advantages, it has entered the manufacturing and sales business of lithium battery precursors and cathode materials, currently holding a leading position in the global precursor manufacturing industry. In terms of the recycling industry, GEM's annual nickel resource recovery exceeds 13% of China's nickel resource extraction, and the recycling and treatment of waste power batteries (excluding lead-acid batteries) and electronic waste account for over 10% of China's total scrap volume. GEM actively responds to the national goal of "carbon peak and carbon neutrality." In the future, GEM will continue to actively fulfill its social responsibilities through practical actions, seize industry opportunities and firmly promote technological innovation, contributing better green solutions to achieve sustainable development goals for humanity.



天山股份

Xinjiang Tianshan Cement Co., Ltd.

Xinjiang Tianshan Cement Co., Ltd. is engaged in the manufacturing and sales of cement, clinker, commercial concrete and aggregates. The company adheres to the corporate mission of "creating a better world through materials" and the core philosophy of "utilizing resources to serve construction." It is committed to sustainable management, promoting green and low-carbon development and striving for high-quality development. Tianshan Cement aims to build a world-class cement company with Chinese characteristics.

EY Sustainability Excellence Awards 2023 - Individual

(The list is in no particular order.)



Christine Loh

Chief Development Strategist
The Hong Kong University of
Science and Technology

Professor Loh Kung Wai, Christine is currently the Chief Development Strategist of the Institute for Environment at the Hong Kong University of Science and Technology. She was Under Secretary for the Environment of Hong Kong SAR, Special Consultant to the Hong Kong SAR Chief Executive on the mainland's environmental policies and the Chairman of NGOs including Friends of the Earth, Society for Protection of the Harbour and Founder of Clean Air Network. Over the years, she has been promoting the values of environmental protection, gender equality and multiculturalism in different fields regardless of her position.



Dr. Shawn Qu

Chairman and CEO of
Canadian Solar Co.,Ltd.

Dr. Shawn Qu is currently the Chairman and CEO of Canadian Solar Co.,Ltd. (Canadian Solar). Dr. Qu has a pioneering and leading vision of sustainable development and founded Canadian Solar with the vision of "Bringing solar energy to thousands of households, so that future generations can enjoy a cleaner and more beautiful planet". Since Canadian Solar established 22 years ago, the company has 25,000 employees, covering the entire photovoltaic industry chain, with customers from more than 160 countries and regions. It is the world's leading manufacturer of solar panels and energy storage system integrator and one of the world's largest utility-scale solar plant and energy storage project developers with the widest geographic coverage and the largest number of projects in reserve.

Dr. Qu has been instrumental in driving Canadian Solar's ESG sustainability reforms and internalizing ESG into corporate governance, helping the company receive an ISS ESG rating of Prime, the world's top crystalline silicon solar company.

Due to his outstanding contributions, Dr. Qu has been awarded the "First Batch of Imported Talents of National Major Talent Project", "Jiangsu Science and Technology Entrepreneur", "Jiangsu Model Worker", "Outstanding Contribution Award for Chinese Businessmen of the Year", "China's Top Ten Economic Figures of the Year", "Global New Energy Business Leader", "Corporate Citizen of the Year" and other honors.

EY Sustainability Excellence Awards 2023 - Best Practice/Case

(The list is in no particular order.)



Financial enablement and empowerment



China Construction Bank Corporation

- Build an innovative ESG rating system to help promote green, low-carbon and high-quality development

By integrating ESG concepts into strategy, culture and operation management and leveraging its technological and data advantages, China Construction Bank was the first in the industry to successfully develop an automated ESG rating system applicable to all public clients, with the ratings covering 960,000 clients and has joined hands with its employees, clients and the society to further the "dual-carbon" goals, contributing to the promotion of high-quality and sustainable development.



Bank of China Limited

Bank of China Macau Branch's "Biodiversity" themed green bonds

As a major bank in Macau, Bank of China Macau Branch adheres to the business principle of "Rooted in Macau & steadfast in serving" and insists on providing high-quality financial services as its top priority. In September 2021, it successfully issued the world's first "Biodiversity" themed green bond for financial institutions, consisting of RMB 1.8 billion.

The bond was issued in accordance with the "Green Bond Principles (2021)", providing financial support for projects that environmentally beneficial for central, northern, southwestern and eastern China, including ecological construction demonstration, ecological restoration, ecological water network, national forest reserve and low-efficiency and low-productivity forest renovation and other projects with biodiversity conservation benefits. The bonds were highly recognized by Moody's A1 rating, S&P's A rating and Fitch's A rating and were oversubscribed by investors by 2.1 times.

In the future, Bank of China and Bank of China Macau Branch will continue to build a globalized and all-rounded green financial system by implementing the national concept of "green development" and actively shouldering social responsibility. We will vigorously promote green financial innovation, enhance the level of financial services in all aspects, proactively cooperate with the Macao SAR Government in governance and fully support the development of modernized and green financial construction.



Industrial and Commercial Bank of China Limited

- ICBC optimizing ESG governance system, Refined ESG governance structure, Improving ESG information disclosure system

In 2022, ICBC continuously optimized its ESG management structure, revised its ESG-related systems, continuously improved its ESG disclosure system, insisted on growing together with its customers, shareholders, employees, the public and other stakeholders and achieved a series of successes in ESG management. Through constant, stable and effective disclosure of information, it has continued to be recognized by the market and strengthened its brand, creating a market image of ICBC that has practiced the new development concept, promoted green and low-carbon development, actively took its social responsibilities and continuously strengthened its governance system.



Ping An Insurance (Group) Company of China, Ltd.

- Ping An AI-ESG intelligent integrated management platform

Ping An Group promotes the development of green finance through scientific and technological innovation and created the AI-ESG intelligent integrated management platform, which collects ESG information in a one-stop shop and achieves intelligent disclosure and evaluation through an innovative end-to-end collaborative approach. The aim is to help enterprises realize low-carbon transformation, reduce the cost of obtaining information for responsible investment and expand the green and socio-economic benefits of the Group and the industry.



Shanghai Pudong Development Bank Co., Ltd.

- Establish dual certified "zero-carbon" bank outlets that meet both international and domestic standards

Shanghai Pudong Development Bank takes practical actions to be a good green financial practitioner and advocate of green life. Anji, Zhejiang Province is the birthplace of the concept of "lucid waters and lush mountains are invaluable assets". Shanghai Pudong Development Bank Hangzhou Branch is committed to building its Anji sub-branch into a green finance specialized branch, which will become a model room of "Pudong Development Green Creation".

EY Sustainability Excellence Awards 2023 - Best Practice/Case

(The list is in no particular order.)



Technology innovation and advancement



Metallurgical Corporation Of China Ltd

- Ceri HBIS Zhangxuan tech hydrogen metallurgy demonstration project

Metallurgical Corporation of China Ltd (hereinafter referred to as "MCC") is one of the world's largest and strongest metallurgical construction contractors and metallurgical enterprise operation service providers and has assumed the responsibility of leading China's metallurgy to realize the "Iron and Steel Power" in alignment with the strategic positioning of "World-class Metallurgical Construction National Team", MCC has assumed the responsibility of leading China's metallurgy to realize the goal of "Steel Power". In 2022 and 2023, MCC was selected as one of the "ESG Practice Cases of Listed Companies" by the China Association for Public Companies and in January 2023, it was selected as one of the pioneering practice case for ESG corporate governance of the Xinhua Credit "Golden Orchid Cup".

The hydrogen metallurgy project of CERI HBIS Zhangxuan Tech Co Ltd is the first hydrogen metallurgy demonstration project in the world and has achieved stable production with the metallization rate of products exceeding 94%. The project eliminates high carbon emission procedures such as sintering and coking, reduces CO2 emissions by 800,000 tons per year, cuts down comprehensive energy consumption by 50%, and applies for 57 patents related to hydrogen metallurgy. China Iron and Steel Association pointed out that the project is an important milestone in the history of China's iron and steel and even the world's iron and steel from carbon metallurgy to hydrogen metallurgy, leading the world's iron and steel industry to an enormous change in green development.



Zhejiang Huayou Cobalt Co., Ltd.

- Establishing the world's leading green integrated industrial chain cluster of the new energy Li-ion battery materials industry

Huayou Cobalt is a new high-tech enterprise founded in 2002 and specializing in research and development, manufacturing business of new energy Li-ion battery materials and new cobalt materials. After more than 20 years of development, Huayou Cobalt has built five sections, namely, new energy, new material, Indonesian nickel, African resource and recycling and constructed the whole industry chain of new energy Li-ion materials, including nickel, cobalt and lithium resource development, green refining of non-ferrous metals, R&D and manufacturing of lithium-ion materials and recycling of resources.



LB Group Co., Ltd.

- Key technique and industrialization of multi-stage resource utilization of titanium dioxide by-products

LB Group Co., Ltd. adheres to the concept of low-carbon, environmental protection and industry chain coupling development. It has focused on industrial challenges such as the difficult utilization of by-products and disposal of waste in the production process. After years of independent research and development, it has developed key techniques for the multi-stage resource utilization of by-products and waste, forming a complete set of internationally leading techniques and achieving industrialization. It has successfully transformed by-products into production raw materials and products, effectively solving industry challenges and generating significant economic, environmental and social benefits and impacts.



GCL Technology Holdings Limited

- Granular Silicon: Driving global low-carbon energy transition

Compared with the conventional process, GCL Silicon technique flow is advanced, energy efficient, low cost, the power consumption is only 13.8-15 kWh/kg, which is more than 70% lower than the conventional process and there is also a significant reduction in the consumption of water, hydrogen, etc., which tackles the high energy consumption pain point of PV material end. At present, GCL Silicon has obtained carbon footprint certification, which can reduce consumption and carbon by about 80% at the production end and enhance low-carbon emission reduction in the whole life cycle of photovoltaic.



Hengtong Optic-Electric Co., Ltd

- R&D and industrialization of green optical communication products

The project takes the pursuit of green, low-carbon and sustainable industry development as its mission. It has developed green optical communication products and their manufacturing technology, achieving full industrialization. This initiative completely replaces traditional high-pollution, high-energy-consumption technologies and accomplishes the recycling and utilization of solid waste, leading the industry's transition toward green transformation.

EY Sustainability Excellence Awards 2023

- Best Practice/Case

(The list is in no particular order.)



Leading social initiative



Greentown China Holdings Limited

- Green Building: 1 Athlete Village of the Asian Games Village

As one of the important planners and builders of Hangzhou Asian Games Village, Greentown China is responsible for the development of 1# Athlete Village of the Asian Games Village and the construction management of Media Village of Hangzhou Asian Games, and adheres to the concept of "Green, Low Carbon and Sustainable" of Hangzhou Asian Games, and integrates "Green Asian Games" into the whole process of planning, design, construction, operation and management of Asian Games Village. Hangzhou Asian Games Village is the first eco-city in Zhejiang Province. 100% of the buildings have obtained two-star or above green building certification and more than 50% have obtained three-star from green building certification.



龙源电力集团股份有限公司
CHINA LONGYUAN POWER GROUP CORPORATION LIMITED

China Longyuan Power Group Corporation Limited

- Photovoltaic sand-fixation

Longyuan Power's new energy base project in Ningxia Tengger Desert realizes a new business of "power generation on board, planting between boards, and restoration under boards", fulfilling a new concept of three-dimensional multi-application of the unit land resources. Through the project of "Ningxia-Hunan green energy transmission", it will revitalize the economy of Ningxia and Hunan provinces and become a demonstration base for science, education, culture and tourism, as well as ecological management to create a win-win cooperation.



中国圣牧

China Shengmu Organic Milk Limited

- Moving towards a New Natural Economic Model with benefits for nature

China Shengmu is adapting to local conditions by adopting the approach of "raising a cow on one acre of land and returning one acre of land for each cow." This involves transforming desert areas into organic pastures, cultivating organic grasses for livestock feed and using cow dung for land fertilization. Shengmu has pioneered the world's first desert organic recycling industrial chain, encompassing organic planting, organic farming, and organic processing. This initiative fosters a harmonious synergy between agriculture, livestock raising and the ecological environment, facilitating the efficient exchange of energy and resources.



晓鸣股份
XIAO MING GU FEN

Ningxia Xiaoming Agriculture & Animal Husbandry Co., Ltd.

- Be a pioneer in the green development of China's egg breeding chicken industry

Ningxia Xiaoming Agriculture & Animal Husbandry Co., Ltd. (hereinafter referred to as "Xiaoming") actively responds to the national strategic goal of "carbon peak and carbon neutrality", guided by the development concept of "innovation, coordination, green, openness and sharing". Xiaoming adopts the business model of "centralized breeding and decentralized incubation" and innovates the welfare breeding method of "full-network, high-bed and flat-bed", and strives to build the top brand of biosecurity and a leader in China's laying hens industry and to be a contributor to China's food safety, so as to let the world recognize the vitality of the Gobi Desert.



中国旅游集团中免股份有限公司
China Tourism Group Duty Free Corporation Limited

China Tourism Group Duty Free Corporation Limited

- Discover the beauty of environmental protection at cdf

China Tourism Group Duty Free Corporation Limited ("the Company") has adopted a green philosophy for the initial design of the Haikou International Duty-Free Shopping Complex, with several technologies on environmental protection, energy conservation and green building from the planning and design stage. The project has prepared a complete green building construction plan, including environmental protection, water treatment and recycling control, noise pollution control, light pollution control, indoor air quality monitoring systems and other measures. The project has adopted several green and energy-saving measures, including reducing the heat island effect, high-efficiency water-saving appliances, rainwater recycling, energy efficiency optimization and more. Haikou International Duty-Free Shopping Complex Project is built as a super-large, green and low-carbon "international tourism consumption center" with "port and city integration", helping to maximize social, economic and environmental benefits.

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Supporting organizations

Guiding organizations:



Supporting organizations:



Supporting academy



Exclusive supporting media:



Contact us

For more information about the second CSO Forum and Sustainability Excellence Awards, please contact us by email at EYSEA@cn.ey.com or follow our WeChat mini program. You can also reach out to the organizing committee by phone at +86 21 2228 6868.

Thank you.



Appendix: EY Sustainability Excellence Awards 2022 winner list

(The list is in no particular order.)

Special Jury Prize

Bank of China Limited
GD Power Development Company Limited

Outstanding Companies

GD Power Development Company Limited
Shanghai Electric Group Company Limited
Daqin Railway Company Limited
SUMEC Group Corporation
Anhui Conch Cement Company Limited
Geely Auto Group
DAYU Irrigation Group
ENN Natural Gas Company Limited
Jinko Solar Company Limited
Café de Coral Group

Outstanding Individuals

Dr. Ma Jun
President
Institute of Finance and Sustainability

Mr. Fu Jianguo
Deputy General Manager
Baoshan Iron & Steel Com

Mr. Xue Keqing
Board Secretary
China State Construction Engineering Corporation Limited

Best Practice/Case: Financial enablement and empowerment

Bank of China Limited
Supports biodiversity conservation and green goals for the Beijing Winter Olympics

Industrial and Commercial Bank of China Limited
Green finance practice

Postal Savings Bank of China Company Limited
Innovative layout of personal carbon accounts and technology empowers the development of carbon inclusion

Best Practice/Case: Technology innovation and advancement

Baoshan Iron & Steel Company Limited
“Double carbon” strategy

SAIC-GM-Wuling Automobile Company Limited
Low carbon lifestyle brought by Wuling new energy vehicles

Zhejiang Hailiang Company Limited
Low-carbon intelligent manufacturing technology and equipment research for precision copper tubes

Trina Solar Company Limited
21MW 600W+ Distributed Photovoltaic Zero-carbon Plant Project in Huzhou, Zhejiang

Best Practice/Case: Leading social initiative

China State Construction Engineering Corporation
“Green Stream Initiative” action plan for developing green carbon supply chain

Alibaba Group Holding Limited
Carbon88 to promote sustainable living

Tencent Holdings Limited
Carbon neutrality roadmap and practice

GDS Holdings Limited
Carbon neutrality strategy planning

Jinyu Biotechnology Company Limited
Corporate responsibility of controlling zoonotic disease

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