

2024 Annual Results Presentation

China Everbright Environment Group Limited
March 2025



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Financial Review



(HK\$ 100 million)	For Full Year Ended 31 December		Year-on-year Change
	2024	2023	
Revenue	302.58	320.90	-6%
Gross Profit	115.36	138.11	-16%
EBITDA	100.75	128.28	-21%
Profit Attributable to Equity Holders of the Company	33.77	44.29	-24%
Return on Shareholders' Equity (%)	7.01	9.27	-2.26ppt*
Basic Earnings per Share (HK cents)	54.98	72.10	-24%
Final Dividend per Share (HK cents)	9.0	8.0	13%
Total Dividend per Share (HK cents)	23.0	22.0	5%
Dividend Payout Ratio (%)	41.8	30.5	11.3ppt*

* ppt: percentage point



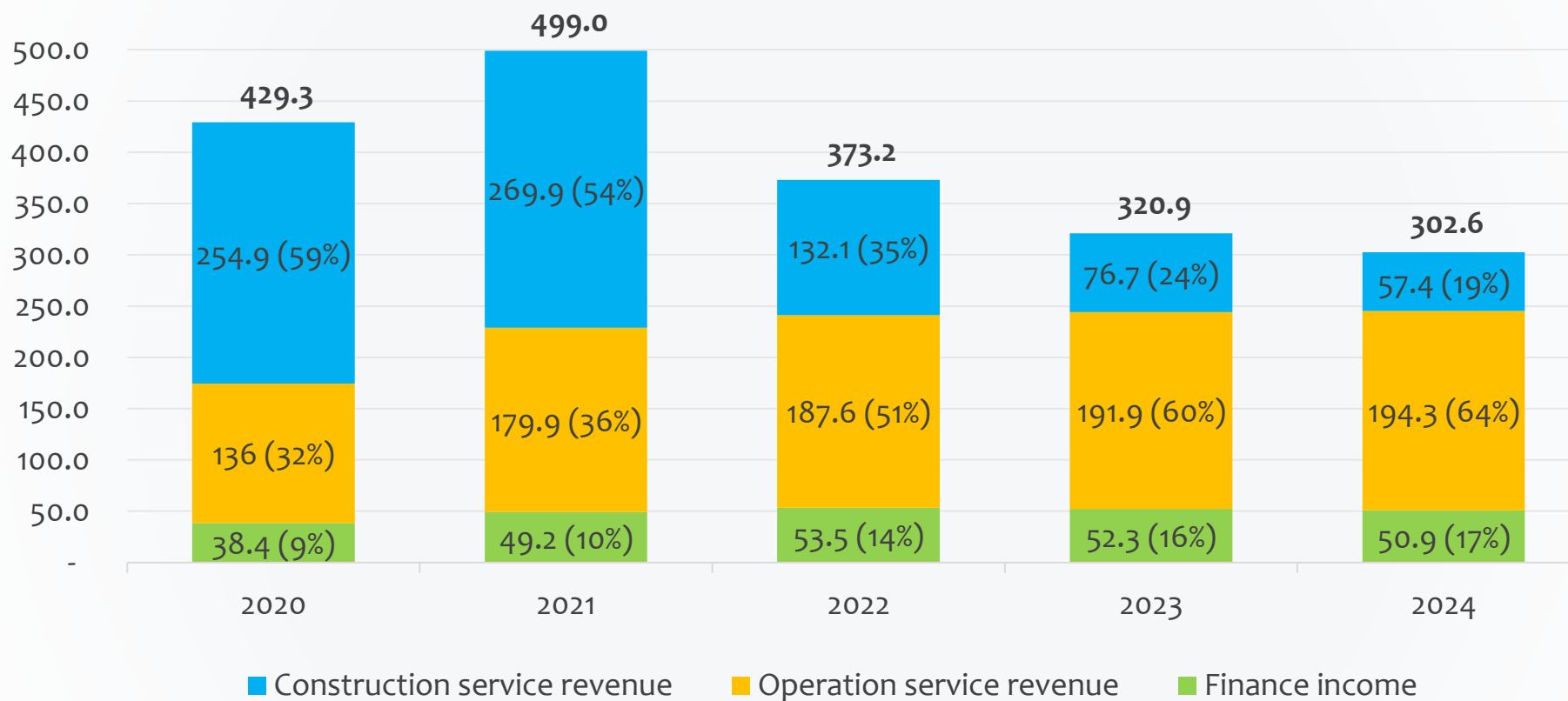
(HK\$ 100 million)	As at 31/12/2024	As at 31/12/2023	Year-on-year Change
Total Assets	1,860.27	1,891.83	-2%
Total Liabilities	1,196.10	1,236.60	-3%
Equity Attributable to Equity Holders of the Company	482.11	481.41	+0%
Cash and Bank Balance	80.42	86.33	-7%
Gearing Ratio (%) (total liabilities/total assets)	64	65	-1ppt*

* ppt: percentage point







Trend in Revenue Structure and Revenue Analysis by Category

(HK\$ 100 million)





Operating Highlights

-  Steady Progress in Market Expansion
-  Continued Consolidation of Operational Quality and Efficiency
-  Continued Enhancement of Management Efficiency
-  Advancement of Technological Innovation Empowerment
-  Establishment of a Diverse Ecological System
-  Construction of a Green Brand Image



1. Steady Progress in Market Expansion

In 2024, Everbright Environment continued to focus on three major areas, namely **solid waste, water-related business** and **clean energy**. It solidified its traditional business areas, explored new businesses and development models, further extended its business chains, expanded synergistic businesses, and promoted a balanced growth between asset-light and asset-heavy businesses. During the year under review, it invested in and secured 12 new projects with a **total investment of approx. RMB1.764 billion**, and signed **new contracts for asset-light business worth approx. RMB1.835 billion**.

Stable Development of the Traditional Major Businesses

- The Group invested in multiple projects in areas such as waste-to-energy (“WTE”), waste water treatment (“WWT”) and solar power.
- It also expanded its asset-light services, including integrated sanitation solutions, industrial WWT, and equipment supply, further solidifying its business chains in WTE and industrial WWT.

Steady Progress in New Business Exploration

- The Group further expanded its clean energy business portfolio by investing in its **first energy storage project** in Guangzhou City, Guangdong Province.
- It developed its **first biomass gasification project** in Xiao County, Anhui Province, to further enhance its overall biomass utilisation capabilities.
- It implemented its **first waste battery recycling project** in Changzhou City, Jiangsu Province, which was not only the Group’s inaugural project of this kind but also the first benchmark project for the implementation of the national major technical equipment of this kind in China.
- The Group secured its **biogas purification business** and established its channels for sales of biomethane to external clients, further optimising the value of its operating projects and enhancing efficiency through synergy.
- It also **developed a virtual power plant and electricity trading platform**, refining its “zero-carbon park + virtual power plant” business model. It also **completed its first electricity transaction**, marking its entry into the power trading business.

Orderly Expansion into international markets

- The Group actively pursued business opportunities in the Republic of Uzbekistan (“Uzbekistan”), Malaysia, and other countries and regions, signing a joint development agreement with Uzbekistan in relation to WTE projects in Ferghana and Namangan Provinces.
- It also secured or won the bidding for asset-light business contracts in Egypt, Indonesia, Malaysia, and India. These efforts have facilitated the global expansion of the Group’s self-developed environmental protection equipment and technical solutions, reinforcing its commitment to green development under the Belt and Road Initiative.

Designed Treatment and Supply Capacities of New Projects



Household waste processing capacity

1,000 tonnes/day



Water treatment and supply capacities

192,000 m³/day



Biomass raw materials processing capacity

70,000 tonnes/year



Heat and steam supply capacity

260,000 tonnes/year



Solar power installed capacity

56.46 megawatt (“MW”)



Energy storage capacity

12.20 MW



2. Continued Consolidation of Operational Quality and Efficiency *

In 2024, Everbright Environment actively revitalised its existing businesses, with a focus on enhancing operational quality and efficiency.

Environmental energy deepened the implementation of the “12 Measures + Pre-Testing and Post-Evaluation” strategies for waste volume growth and enhanced waste storage efficiency. This led to a record-breaking average power generation efficiency of incoming waste at WTE projects surpassing 400 kWh/tonne. Measures to improve slag efficiency contributed to an annualised revenue increase of over RMB100 million. 2 WTE projects were approved for increased waste treatment fees.



- Household waste processing volume was approx. 56 million tonnes, **an increase of 7%** from 2023.
- The integrated power consumption ratio at WTE projects was approx. 15.4%.
- The average electricity generated per tonne of waste incinerated at WTE projects was approx. 461 kWh, **an increase of 1%** from 2023.

Greentech thoroughly explored the localisation of fuel resources, reduced associated costs, and explored the resource utilisation and high-value application of biomass energy, accelerating business transformation and development.



- Agricultural and forestry waste processing volume was nearly 7.7 million tonnes, **similar to** 2023.
- Total fuel settlement price **decreased by 3%** from 2023.

Environmental water actively promoted the “Five Innovations” initiative[#], implemented efficiency enhancement through the energy management contracting (“EMC”) model, executed residue oxygen recycling projects, and piloted “Dark Factory” technologies, which cancelled manual night shift duty. 5 WWT plants received regulatory approval for tariff hikes.



- Treatment volume of waste water and leachate from WTE projects was approx. 1.777 billion m³, **an increase of 1%** from 2023.
- The unit operating cost **decreased by 5%** from 2023.

Total electricity generated was approx. 27.7 billion kWh, **an increase of 7%** from 2023.

Heat and steam supply volume was nearly 6.0 million tonnes, **an increase of 37%** from 2023.

* For full year of 2024

[#] The “Five Innovations” initiative refers to small inventions, small transformations, small innovations, small designs, and small suggestions



3. Continued Enhancement of Management Efficiency

In 2024, Everbright Environment continued to promote cost control and reduction in finance and other aspects of operation, while strengthening risk prevention capabilities to solidify its foundation for development.

Financial Management

The Group timely secured window of opportunity in the market in progressing the issuance of various types of bonds, including medium-term notes and asset-backed securities in an orderly manner, with a total issuance size of RMB12 billion.

The Group reduced interest expenses by replacing high-interest foreign loans and implementing other measures, leading to a 0.57 percentage point decrease in its average effective interest rate for 2024 compared to 2023.

The Group also strengthened its domestic and overseas credit line reserves and foreign debt management to provide sufficient liquidity support for its operations.

Accounts Receivable Management

Addressing the pain points and challenges in relevant work, the Group actively engaged with pertinent national ministries and commissions to seek solutions.

It strictly implemented a long-term control mechanism for accounts receivable, which included establishing dedicated teams, ledgers, assessments, and incentives. It also developed two ledger lists, namely the Special Ledger for Government Debt Recovery and the National Subsidy Confirmation Ledger.

In 2024, the recovery rate of accounts receivable of the Group was 86%, an increase of approx. 7 percentage points compared to 2023.

Safety and Environmental Management

A total of 270 project leaders and safety and environmental management directors for the regional centers of all business sectors of the Group participated in qualification certification examinations, to enhance learning and improve the capabilities of personnel responsible for safety and environmental performance.

The Group also strengthened on-site duty arrangements at its headquarters during holidays and, for the first time, introduced daily safety production operation reports during flood seasons, typhoon prevention periods, and major holidays.

In 2024, the Group recorded zero production safety accidents or environmental incidents at level four or above*.

* No major injuries or safety incidents occurred, with no emission standards exceeded



4. Advancement of Technological Innovation Empowerment

In 2024, Everbright Environment focused on tackling technical challenges and driving the transformation of scientific and technological achievements.

Enhancement of Technology Innovation Mechanism

The Group established the Technology Committee to coordinate research and development (“R&D”) projects across the Group, serving as the central hub for technological innovation.

- The committee is responsible for technology strategy management, major decision-making, and resource allocation, promoting the optimal allocation of technological resources and enhancing the effectiveness of technological innovation.
- It facilitates the smooth operation of a collaborative R&D mechanism among the Group’s business sectors, supports the implementation of major projects such as beautiful countryside initiatives and flue gas purification, and promotes the transformation of technological achievements.

Transformation and Application of Research Outcomes

The Group successfully transformed 30 technical projects, across areas such as solid waste treatment and comprehensive environmental management. This effort has helped relevant projects optimise costs, increase efficiency and profits, and reduce risks in safety production.

- The integrated desulfurisation and denitrification technology offered a cost-effective solution for raising standards of flue gas emissions in multiple projects.
- The anaerobic ammonia oxidation technology was applied for the first time in projects through a EMC model.
- The automatic combustion control (ACC) technology was further applied in more projects, further enhancing the level of automation in waste incineration.
- The Group promoted the use of coke-cleaning robots, which eliminated safety pain points that have troubled the industry for more than 30 years. The coke-cleaning robot service also entered the market, completing 79 internal and external services.

Innovation of Technologies and Equipment

- A project on the R&D and commercialisation of rapidly assembly small-scale solid waste treatment equipment, with a daily treatment capacity of 200 tonnes, passed all relevant assessments and inspections.
- The set of equipment and engineering application for multi-source, multi-phase hazardous waste large-capacity continuous flow incineration was certified as internationally leading by an authoritative organisation.
- Key technologies for efficient tiered pyrolysis of waste power batteries and complete equipment for recovering valuable components from waste batteries were certified as internationally leading in performance.
- In 2024, the Group was granted 193 new intellectual property rights.
- As of 31 December 2024, the Group had accumulated over 2,100 intellectual property rights.

Enhancement of Management Digitalisation

- The construction of digital platforms for the integration of business and finance, document management, and intelligent management made solid progress, further showcasing the effectiveness of digital empowerment in the Group’s operational management. Among those platforms, the integrated business-finance platform was awarded the “Best Digital Management Accounting Innovation Award of the Year”.
- The Group also facilitated the adoption of a self-developed carbon asset management system within the Group’s framework, which has spanned over 370 projects. This advancement further enhances the intelligent management of carbon emission data and establishes a solid foundation for the disclosure of carbon emission data.





5. Establishment of a Diverse Ecological System

Visits by Country Leaders and Senior Government Officials

More than ten foreign dignitaries and provincial and ministerial leaders from China visited the Group for exchanges and project visits, expressing high recognition and support for the Group's commitment to environmental protection.

- The Prime Minister of Vietnam Pham Minh Chinh attended the completion ceremony of the Group's Hue WTE Project in Vietnam and visited the project site.
- Fiji's Prime Minister, Sitiveni Rabuka, toured the Group's Zhejiang Hangzhou WTE Project ("Hangzhou Project").
- Uzbekistan's Minister of Ecology, Environmental Protection, and Climate Change, Aziz Abduhakimov, also visited Hangzhou Project.
- The Minister of the Ministry of Ecology and Environment of the PRC, Huang Runqiu, visited the Group's Zhejiang Haiyan WTE Project.

Industry Exchanges

By participating various activities, the Group was actively building an "Industrial Ecological system" to continuously strengthen its industry influence.

- The Group was invited to participate in several state and international conferences, such as the 2024 annual conference of the China Council for International Cooperation on Environment and Development, and the Green Development Forum of Shanghai Cooperation Organisation (SCO) Countries.
- It was also invited to participate in industry exchange activities both domestically and internationally, including IE Expo China, the Macao International Environmental Co-operation Forum & Exhibition, and the Strategic Solid Waste Industry Forum.
- In Hong Kong, the Group hosted the Everbright Environmental Green Technology and Sustainable Development Forum.

Community Engagement

- Centred around environmental theme days such as World Environment Day, the Group launched a series of community-focused science education activities, deeply integrating into local communities and serving as a vivid example of fostering shared interests across the government, businesses and the public.
- In Hong Kong, the Group launched the "Green Wings Program", a public welfare initiative for environmental education supported by the Environment and Ecology Bureau of the Government of the HKSAR. Through activities such as project visits and student internships, the program aims to inspire enthusiasm and a sense of responsibility for environmental protection among Hong Kong's youth and the general public, fostering consensus on green and low-carbon development.
- As of 31 December 2024, the Group had opened 226 projects to the public. In 2024, the Group's projects attracted more than 80,000 domestic and international visitors, along with more than 100,000 participants in online activities.



6. Construction of a Green Image

Awards and Recognitions

- First place in the “Top 10 Influential Solid Waste Treatment Enterprises in China” for the 14th consecutive year
- First place in the “2024 Top 50 Chinese Environmental Enterprises by Revenue”
- The 82th place in the “2024 Global Top 500 New Energy Enterprises”
- Inclusion in the Dow Jones Sustainability Indices for the 9th consecutive year
- Receiving a score of 57 in the S&P Global CSA Assessment (against the industry average score of 24)
- Social Responsibility Brand of the Year for the 10th consecutive year
- Five self-developed equipment products of the Group, including incineration furnaces (inclusive of the small-scale incineration furnace) passed European Conformity (the CE Marking)
- more than 20 provincial and ministerial-level scientific and technological awards in China

Media Acclaim

- CCTV-4 featured a series report *New Landmarks of China*, reporting on the Group’s Xiongan Integrated Waste Treatment Project.
- Core media outlets such as Xinhua News Agency and *People’s Daily* reported on Everbright Environment’s launch of the “Green Wings Program”, a public welfare initiative for environmental education in Hong Kong.
- A core media delegation from China and Vietnam visited the Group’s WTE projects in Boluo County, Guangdong Province, and Can Tho City, Vietnam, to learn about China’s excellent experiences in solid waste treatment and resource utilisation, as well as the positive contributions made to the construction of a green “Belt and Road” initiative.

2024中国环境企业营收前50	
企业名称	企业名称
中国光大环境(集团)有限公司	中节能环保保护股份有限公司
北控水务集团有限公司	浙江伟明环保股份有限公司
北京首创生态环保集团股份有限公司	大唐环境产业集团股份有限公司
重庆水务环境控股集团有限公司	南方中金环境股份有限公司
盈峰环境科技集团股份有限公司	启迪环境科技发展股份有限公司





Strategic Planning

-  External Environment Assessments
-  General Strategic Framework
-  Strategic Development Directions



Policy Environment

With the steady growth of China's economy, the country's ecological civilisation construction is making significant progress. Continuous improvements in the macro environment provides favorable economic conditions for the further development of the environmental protection industry (the "Industry"). The ongoing advancement of ecological civilisation is expected to further support the sustainable development of environmental protection enterprises.

By focusing on building a Beautiful China, the development of high-quality ecological environments is expected to bolster the country's high-quality development. Initiatives to building a Beautiful China and promoting green development will open broader markets for the green and low-carbon development and the Industry.

In the past six months, China's environmental and ecological policies have been focusing on three major themes, namely deepening reforms, systematic governance and green transformation. Efforts are being made to create a policy synergies through top-level design, deepening reforms, and annual deployment, laying a foundation for the conclusion of the 14th Five-Year Plan and the planning of the 15th Five-Year Plan.



Industry Trends

Transition from incremental expansion to optimisation of existing businesses. With the increase in urbanisation rates and the gradual saturation of infrastructure construction, the Industry is shifting from an incremental market dominated by engineering projects to a market centered on operational services.

Acceleration of technology-driven and resource transformation. Traditional pollution control technologies can no longer meet market demands, and the Industry is transforming and upgrading from "end-of-pipe treatment" to "resource utilisation and intelligence".

Deep integration of green and low-carbon initiatives with China's goals of "Peaking Carbon Emissions and Achieving Carbon Neutrality" (the "Dual Carbons"). Driven by the "Dual Carbons" goals, the Industry is given a new mission to reduce pollution and carbon emissions while enhancing synergy and efficiency.



Opportunities and Challenges

Industry opportunities:

- Enhancement of green and low-carbon transformation of energy.
- Expansion of new opportunities for resource recycling and utilisation.
- Promotion of green transformation through control policies relating to carbon emissions.
- Rural revitalisation through high-quality agricultural development.
- Advancement of ecological civilisation through digital technologies.

Industry challenges

- Saturation of the traditional market, resulting in sharp decline in new projects and a decrease in construction revenue.
- Increasingly strict environmental emission standards, leading to higher operational costs.
- Disruptions caused by policy adjustments, such as the reduction of national subsidies and cancellation of guaranteed minimums under the PPP (Public-Private Partnership) model.

2. General Strategic Framework

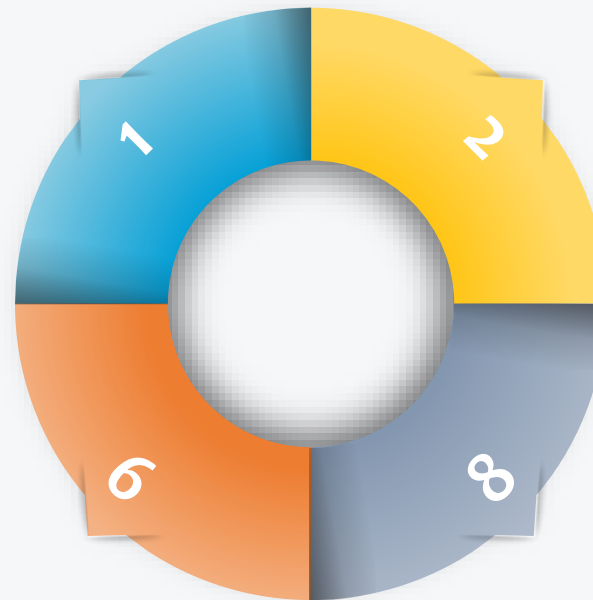
Everbright Environment will uphold its corporate mission of “Devoted to Ecology and Environment for a Beautiful China”, embark on a new journey of “Second-stage Entrepreneurship” and steadfastly promote high-quality development.

One Goal

To become a world-class integrated environmental service provider with Chinese characteristics

Six Indicators

Strategic positioning	Scale efficiency
Service to national strategies	Risk compliance
Development quality	Strategic transformation



Two Mainlines

The Group will intensify its focus on core responsibilities and businesses, concentrating on **solid waste, water-related business and clean energy**, to reinforce its leading position.

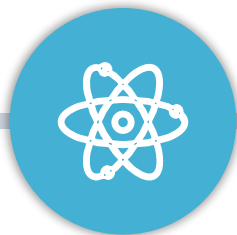
By diligently adhering to the “**Three Major Directions**”, the Group aims to become a **technology-driven, internationalised, and ecological** enterprise that propels its high-quality development.

Eight Measures

Consolidation of market position	Talent nurturing
Technological innovation	Deepened reforms
Internationalisation	Risk management
Synergistic ecosystem	Culture development

Three Major Development Directions

Technology as a Driving Force



By prioritising technological innovation, the Group seeks to enhance the quality and efficiency of its existing businesses, while also fostering the development of new business opportunities.

Internationalisation Path



By steadily promoting internationalisation, the Group seeks to export its competitive businesses, management expertise, and established technologies abroad, thereby further expanding and strengthening its operations.

Industrial Ecological System



By becoming an ecological enterprise that integrates various resources, the Group aims to transform various social relationships into productive forces, thereby facilitating the emergence of its secondary growth curve.

QA Session



Thank You!