



光大环境

EVERBRIGHT ENVIRONMENT

(Stock Code: 257 HK)

Devoted to
ECOLOGY AND ENVIRONMENT
for a
BEAUTIFUL CHINA

APRIL 2025

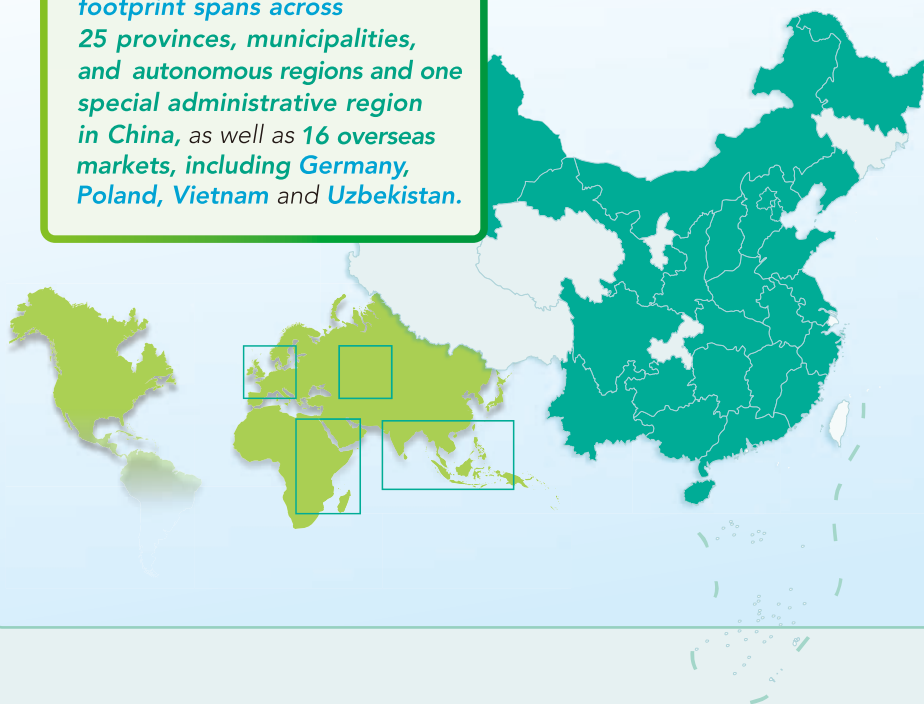
China Everbright Environment Group Limited (“Everbright Environment”)

is a flagship enterprise of China Everbright Group Ltd. in the industrial sector, and is listed on the Main Board of The Stock Exchange of Hong Kong Limited (257.HK). As **China’s largest environmental enterprise, a leading player in Asia’s environmental protection industry, the world’s largest waste-to-energy investor and operator, and a world-renowned environmental group**, Everbright Environment has two listed subsidiaries, China Everbright Water Limited (U9E.SG & 1857.HK) and China Everbright Greentech Limited (1257.HK).

In 2024, Everbright Environment’s revenue exceeded HKD30 billion and the profit attributable to shareholders of the company was nearly HKD3.4 billion. As at 31 December 2024, the company’s total assets were nearly HK190 billion, with approximately 18,000 employees. As at now, the company has invested in more than 600 projects, with a total investment exceeding RMB160 billion. Of which, the waste-to-energy projects serve over 100 million residents across the globe.

Focusing on three major areas, namely **solid waste, water-related business and clean energy**, Everbright Environment has identified **three major development directions**, namely technology as a driving force, an internationalisation path, and an industrial ecological system, initiating the call for a **“Second-stage Entrepreneurship”**.

The company’s business footprint spans across 25 provinces, municipalities, and autonomous regions and one special administrative region in China, as well as 16 overseas markets, including Germany, Poland, Vietnam and Uzbekistan.



GOLDEN BRAND

Operations Management

- ▶ First place in the Top 10 Influential Solid Waste Treatment Enterprises in China (for 14 consecutive years)
- ▶ One of the Top 10 Firms with Highest Corporate Governance Index Scores (2020)
- ▶ Hong Kong Corporate Governance & ESG Excellence Awards (2017 & 2021)

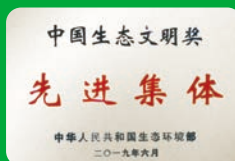


First place in **Top 50 Environmental Protection Enterprises in China/ Top 50 Environmental Protection Enterprises in China by Revenue** (for six consecutive years)

Social Responsibility



Advanced Group on **Ecological Civilization in China**



- ▶ 89 state-level opening up projects for public visits
- ▶ Nearly 40 state-level environmental protection-themed bases

Sustainability

- ▶ A constituent of Hang Seng Corporate Sustainability Benchmark Index (for 14 consecutive years)
- ▶ Achievement of Net-Zero Certificate
- ▶ A Pioneering Organisation in Net-Zero Contribution
- ▶ A member of S&P Global's *Sustainability Yearbook* (for eight times) and S&P Global's *Sustainability Yearbook (China Edition)* (for three consecutive years)



A constituent of **Dow Jones Sustainability Index Series** (for nine consecutive years)

Brand



Being shortlisted in **Brand Value Ranking for China's Listed Companies** (with brand value exceeding RMB24 billion)

Technological Innovation



One of **China Top 100 New Technology Companies** (the only enterprise from the environmental protection sector)

- ▶ First Major Equipment of National Significance
- ▶ A Demonstration Project recognised by the National Development and Reform Commission
- ▶ State Scientific and Technological Progress Award (second prize)
- ▶ Environmental Protection Science and Technology Award (first and second prizes)
- ▶ CE Marking (covering 5 types of the self-developed environmental protection equipment)

SOLID WASTE

Everbright Environment focuses on the deployment of solid waste industry chain, to foster the integrated development of the comprehensive utilisation of resources and energy.

Major Business Areas

- ▶ Waste-to-energy
- ▶ Food and kitchen waste treatment
- ▶ Heat and steam supply
- ▶ Sludge treatment and disposal
- ▶ Leachate treatment
- ▶ Waste sorting, collection, transferring and transporting
- ▶ Hazardous and solid waste treatment
- ▶ Development of environmental protection industrial parks

Designed Solid Waste Processing Capacity



Household waste

about **160,000** tonnes/day



Food and kitchen waste

over **8,700** tonnes/day



Hazardous and solid waste

over **2.4 million** tonnes/year

The world's Largest Waste-to-energy Investor and Operator

5 Luban Prize Projects & 19 National AAA-rated Household Waste Incineration Plants



Xiongan Integrated Waste Treatment Project

China's only and the world's second semi-underground integrated waste treatment project



Hebei Zhangjiakou Waste-to-energy Project

A waste-to-energy project supporting the 2022 Beijing Olympic Games and a National Quality Engineering Project



Zhejiang Hangzhou Waste-to-energy Project

China's first waste-to-energy project that solved the Not-in-My-Backyard (NIMBY) effect and was constructed at the project's original construction site



Jiangsu Changzhou Waste-to-energy Project

A “community-friendly plant” and “living room of the city” with public amenities but without walls, and a typical case on overcoming obstacles since the 18th National Congress recognised by the Organisation Department of the CPC Central Committee in China

Jiangsu Suzhou Waste-to-energy Project

A “garden factory” in the news report of China Central Television (CCTV) and one of the company's 19 waste-to-energy projects recognised as the National AAA-rated Household Waste Incineration Plants



Guangdong Boluo Waste-to-energy Project

China's first waste-to-energy project built in the form of an eco-friendly park, featuring the first smart power plant in operation that is equipped with large-scale grate furnaces, high technical parameters, reheat units, and smart power plant functions

Hainan Sanya Circular Economy Industrial Park

Leveraging on an eco-friendly park model in China, the park has diverse types of projects, a complete business chain, and a high degree of synergy and coupling among these projects



Can Tho Project

Vietnam Can Tho and Hue Waste-to-energy Projects

Can Tho Project is considered a green benchmark of the Mekong Delta. The Vietnamese Prime Minister attended the completion ceremony of Hue Project



Hue Project

WATER-RELATED BUSINESS

Everbright Environment focuses on the water environment management, aiming to become a leading domestic operational service provider dedicated to the water-related businesses.



Major Business Areas

- ▶ Municipal waste water treatment
- ▶ Industrial waste water treatment
- ▶ Reusable/recycled water
- ▶ River-basin ecological restoration
- ▶ Raw water protection and supply
- ▶ Sludge treatment and disposal
- ▶ Agricultural non-point source pollution control and comprehensive resource utilisation



Designed Water Treatment/Supply Capacity



Municipal and industrial waste water
about **6.5million** m³/day



Reusable/recycled water
over **300,000** m³/day



Water supply
850,000 m³/day

China's First-class Water Environment Management Service Provider

Shandong Ji'nan Waste Water Treatment Project

The only Chinese project in the 12 successful PPP (Public-Private-Partnership) cases in the world at the "2016 UNECE* International PPP Forum"



Shandong Zibo Zhangdian Industrial Waste Water Treatment Project

A benchmark project in terms of applying an market-oriented business model for industrial park environment management

Jiangsu Zhenjiang Sponge City Construction PPP Project

One of the fiscal supported pilot projects for sponge city construction in China and one of the Top 5 projects in the Building Back Better Infrastructure Award from the UNECE*



Guangdong Nanxiong Livestock and Poultry Manure Resource Utilisation Project

The project processes and treats the local livestock and poultry farming waste into valuable resources, addressing the "last" challenge of returning livestock and poultry manure to the farmland

* UNECE: United Nations Economic Commission for Europe

CLEAN ENERGY

Everbright Environment focuses on the deployment of clean energy business to foster the development of “zero-carbon” industrial parks.

Major Business Areas

- ▶ Integrated biomass utilisation
- ▶ Environmental remediation
- ▶ Solar power
- ▶ Wind power
- ▶ Energy storage
- ▶ Development of zero-carbon parks

Designed Treatment Capacity



Biomass materials
over **8.2 million tonnes/year**



Installed capacity of solar and
wind power projects
over **290 MW**

*A Leading Intelligent Energy Supplier
Dedicated to Carbon Neutrality*

Hainan Boao Zero-Carbon Demonstration Zone Project

A Chinese benchmark project for green transformation (EPC model)



Jiangsu Jinshiyuan Zero-Carbon Zone Project

Construction and operation of projects related to virtual power plants and zero-carbon factories

Anhui Lingbi Integrated Biomass and Waste-to-energy Projects

China's first urban-rural integration project that was built in one go



Jiangsu Suzhou Wujiang Municipal Household Waste Landfill Remediation Project

The project was recommended by the Jiangsu Provincial Domestic Waste Landfill Management Work Site Advancement Conference

TECHNOLOGY

Adhering to technological innovation as the core to drive its development, fostering commercialisation of technology research outcomes, and empowering the development of all businesses.

Key Research Areas

- ▶ Household waste
- ▶ Agricultural and forestry biomass
- ▶ General industrial solid waste
- ▶ Hazardous waste
- ▶ Clean energy
- ▶ Zero-carbon parks + virtual power plant
- ▶ Organic solid waste
- ▶ Water environment management
- ▶ Intelligent factory



Number of authorised intellectual property rights
more than **2,100**

*Breaking up Monopolies of Foreign Technologies and
Becoming a World-leading Player in the Field*

A National “Little Giant” Enterprise that uses special and sophisticated technologies to produce novel and unique projects and services, Service-Oriented Manufacturing Demonstration Enterprise, and Green Supply Chain Management Enterprise in China

Self-Developed Environmental Protection Equipment

Core equipment for waste incineration and treatment

- Grate furnace product series, with capacity ranging from 50 tonnes/day to 1,000 tonnes/day
- Flue gas purification system
- Leachate treatment system

Full set of food and kitchen waste treatment equipment

Full set of DTRO membrane system

Complete equipment set for hazardous waste and medical waste treatment plants

Water-cooled incineration grate furnace for general industrial solid waste

Coke cleaning robot

Complete set of equipment for high value resource recovery and utilisation of waste batteries



RESPONSIBILITY

Pollution Reduction

Everbright Environment offers high-quality environmental services to continuously improve the living and ecological environment.

- ▶ In 2024, it processed more than 64 million tonnes of solid waste, including household waste and agricultural and forestry waste, which aggregately provided approximately 27.7 billion kWh of green electricity. This output could support annual electricity consumption needs of more than 23 million households, equivalent to displacing Carbon Dioxide emissions by more than 13 million tonnes. The company also treated waste water and leachate from waste-to-energy plants to reduce consumption of chemical oxygen demand by more than 850,000 tonnes.

Carbon Emission Reduction

The company leverages on its business characteristics and advantages to proactively implement China's "Dual Carbons" strategy.

- ▶ Participation in the draft of the national standards relating to carbon accounting.
- ▶ Completion of the pilot project on the on-site monitoring of GHG emissions, as assigned by the Ministry of Ecology and Environment ("MEE") of the RCC.
- ▶ Continued efforts to launch various low-carbon pilot programs to develop low-carbon benchmark projects.
- ▶ Gansu Wuwei Waste-to-energy Project became the company's first project that registered and filed a Verified Carbon Standard (VCS) project, marking the company's new achievement in developing and managing its carbon assets.



Community Engagement

The company strives to fulfill its corporate social responsibility, to enhance shared interests among government authorities, businesses and residents.

- ▶ More than 220 projects of the company have opened up for public visits.
- ▶ Over 800,000 visitors from all social circles visited the company's projects.
- ▶ The company closely works with local government authorities and residents to plan, organise and participate in activities of various types, relating to ecological conservation, sustainability and other similar themes, to enhance mutual understanding and support. Of which, in 2024, it initiated the Green Wings Programme in Hong Kong to enhance the environmental protection awareness and sustainability concepts among young generations in the city.



HIGHLIGHTS

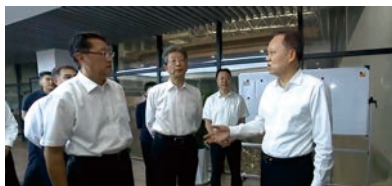
Over the years, nearly 40 senior leaders of the Party and the state in China visited Everbright Environment and acknowledged the efforts of the company.



In December 2023, Chinese President Xi Jinping published a byline article in *Nhan Dan*, a state newspaper in Vietnam, in which Can Tho Waste-to-energy Project was mentioned.



In September 2017, Liu Yunshan, the then Member of the Standing Committee of the Political Bureau of the CPC Central Committee and the then Secretary of the Secretariat of the CPC Central Committee, along with Liu Yandong, the then Member of the Political Bureau of the CPC Central Committee and the then Vice Premier of the State Council, visited Everbright Environment's exhibition booth during the National Science Popularisation Day.



In September 2023, Chen Min'er, a member of the Political Bureau of the CPC Central Committee and Secretary of the CPC Tianjin Municipal Committee, visited Beichen Waste-to-energy Project.



In March 2015, Shi Taifeng, the then Secretary of the CPC Jiangsu Provincial Committee and Secretary of the CPC Suzhou Municipal Committee, visited Suzhou Waste-to-energy Project.



In March 2025, Sun Jinlong, Secretary of the Leading Party Members Group of the MEE of the PRC, and Cheong Weng Chon, Acting Chief Executive of Macao SAR, visited the exhibition booth of Everbright Environment at the Macau International Environmental Co-operation Forum & Exhibition (MIECF).



In November 2024, Huang Runqiu, Minister of MEE of the PRC, visited Zhejiang Haiyan Waste-to-energy Project.



In April 2025, Abdulla Nigmatovich Aripov, Prime Minister of Uzbekistan, engaged in conversations with Wang Silian, Chairman of the board of Everbright Environment, at Samarkand Climate Forum 2025.



In April 2024, Vietnamese Prime Minister Pham Minh Chinh attended the completion ceremony of Hue Waste-to-energy Project.



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