

# 2015 Interim Results Presentation

August 2015

*Setting Sail for NEW HORIZONS*

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# Agenda



- **Results Highlights**
- **Financial Review**
- **Energy Conservation & Emission Reduction**
- **Business Review**
  - Business Overview
  - Corporate Positioning
- **Q&A**
- **Appendix – Project Summary**

# Results Highlights



# Results Highlights ( 1 )

- **Operating results achieved new heights**
  - Revenue increased 28% to HKD3.772 billion as compared with the same period last year
  - EBITDA was HKD1.779 billion, up 37% as compared with the same period last year
  - Interim profit attributable to shareholders exceeded HKD1 billion for the first time, up 25%
  - Dedicated to pursuing business development and sharing results with shareholders, the board declared an interim dividend of HK6.5 cents per share, a growth of 30% as compared with the same period last year

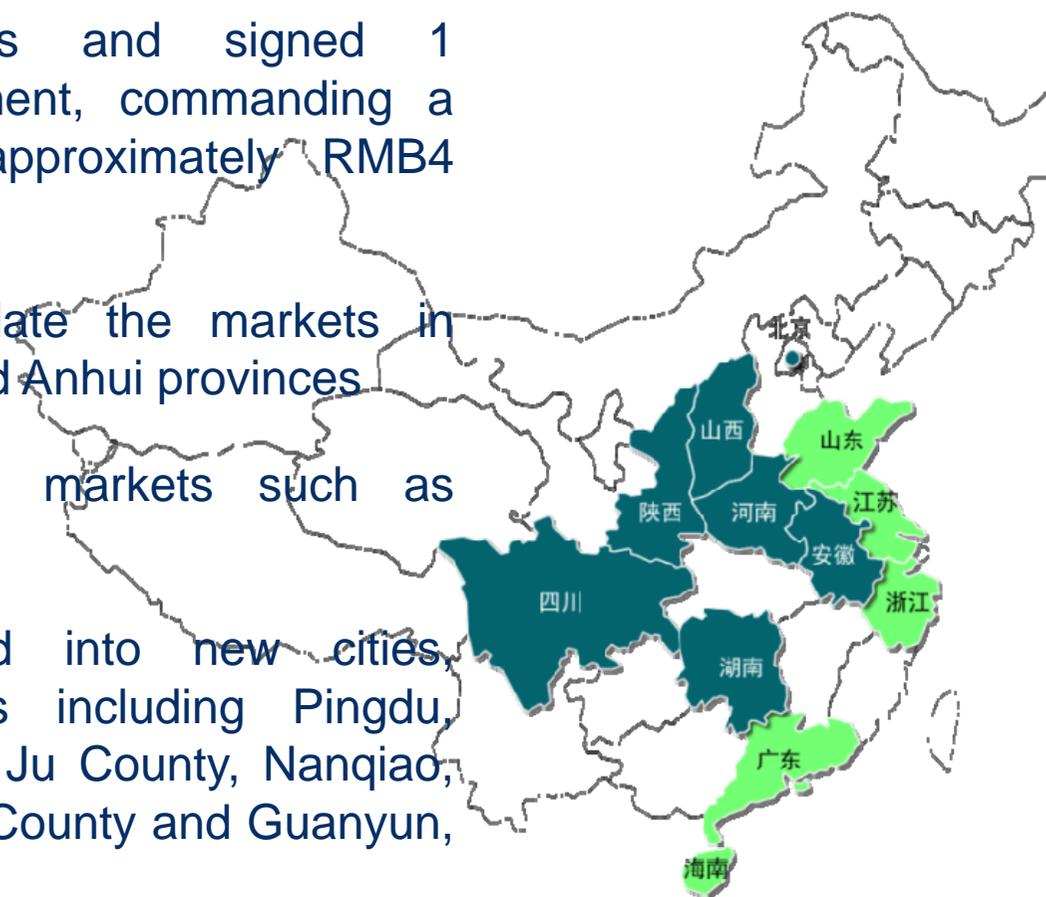
# Results Highlights ( 2 )

- **Strong financial status with flexible finance channels**
  - Abundance of cash on hand, reasonable gearing, and a healthy financial position with a gearing ratio of 43%
  - Cash on hand of HKD4.9 billion and unutilised banking facilities of HKD6.7 billion, available funds exceeded HKD11.6 billion
  - Strong financial resources to further boost the sustainable, stable and rapid development of the Group

# Results Highlights ( 3 )

- **Outstanding results in market expansion**

- Secured 14 projects and signed 1 supplementary agreement, commanding a total investment of approximately RMB4 billion
- Continued to consolidate the markets in Shandong, Jiangsu, and Anhui provinces
- Continued to expand markets such as Sichuan and Hainan
- Continued to expand into new cities, counties and districts including Pingdu, Suining, Laiwu, Xintai, Ju County, Nanqiao, Rugao, Mianzhu, Xiao County and Guanyun, etc.



# Results Highlights ( 4 )

- **Proactive expansion of three key business sectors**
  - Good momentum in growth of environmental energy
    - Secured 5 waste-to-energy projects, with an increased daily waste processing capacity of 3,050 tonnes
    - Secured the first food waste treatment project, with an annual treatment capacity of 37,000 tonnes
  - Internal integration of environmental water, getting ready for the next growth
    - Completed the reverse takeover, carried out internal integration and centralized management structure
    - Introduction of IFC and RRJ, international well-known investment institutions, as strategic investors to optimise shareholder structure
    - Financing through multi-channel to lower the finance cost for the next round of development

# Results Highlights ( 4 ) (cont'd)

- **Greentech business emerged as a new force**
  - Established a new business sector, Greentech, replacing alternative energy
  - Greentech includes: 1) biomass integrated utilisation projects; 2) industrial solid waste and hazardous waste treatment projects; 3) photovoltaic energy projects and 4) wind power projects
  - The biomass integrated utilisation industry has seen an era of policy-driven opportunities and has established 4 biomass business models, namely:
    - the urban-rural integration model
    - the biomass direct combustion power generation model
    - the biomass cogeneration/centralized heating model and
    - the biomass molding fuel model
  - During the period under review, the Group secured 7 greentech projects and signed 1 supplementary agreement, with a total investment exceeding RMB2.1 billion. New projects added a total agricultural waste and straw processing capacity of 1.3 million tonnes and an annual household waste processing capacity of 438,000 tonnes

# Results Highlights ( 5 )

- **Further improvement in operation management**
  - Operational power consumption of waste-to-energy continued to reduce
  - Electricity generated per tonne of waste continued to increase
  - Completed fee adjustments for waste-to-energy projects in Suqian and Zhenjiang, and waste water treatment projects in Xianyang, Ji'nan and Jiangyin
  - Improved rules and regulations to ensure the discharge standards of waste-to-energy projects complying with domestic and international stringent standards

# Results Highlights ( 6 )

- **Steady construction progress**

- Number of construction projects and contracts reached a historical high:
  - 50 projects were under construction or in the preparatory stage
  - Involving a total investment of approximately RMB17 billion
- Completed construction and commenced operation of 1 waste-to-energy project; commenced construction of 3 waste-to-energy projects, bringing the total number of projects under construction to 9 in the first half of 2015
- A total of 16 environmental energy and greentech projects under construction, with a total investment exceeding RMB6.86 billion
- The construction of Changzhou Xinbei Waste-to-energy Project received a subsidy of RMB108 million

# Results Highlights ( 7 )

- **Significant improvement in technological strength, fully adopted domestic equipment**
- Established Everbright Environmental Protection Technology Institute
  - The institute consists of 3 research divisions specializing in incineration technology, water environment technology and engineering design
  - Focuses on household waste, industrial hazardous waste, sludge and food waste treatment technologies, biomass utilization technology, synergetic treatment of urban and rural waste in small- and medium-sized cities, and waste water treatment in urban cities
- Obtained 16 patents, including 3 invention patents and 13 utility invention patents
- Cooperated with national departments and committees to formulate or participate in the design of environmental protection related technology standards or regulations

# Results Highlights ( 8 )

- **Advancement on equipment manufacturing**
  - Completed the unit assembly and commissioning of 7 sets of incinerators; 4 sets of gas emission purification equipment and 5 sets of leachate treatment systems
  - Expansion of Changzhou Equipment Manufacturing Centre Phase II, which will commence operation in 2H 2015

# Results Highlights ( 9 )

- **Continuous enhancement of social benefits**
  - Established Everbright International Environmental Protection Charitable Foundation
    - Supported “Earth Hour 2015” campaign held by World Wide Fund (WWF) for two consecutive years
    - Became Double Diamond member of WWF Hong Kong and supported conservation, ecological footprint and environmental education in Hong Kong
  - Built a strategic partnership with China Ecological Civilization Research and Promotion Association and Chinese Society for Environmental Sciences

# Results Highlights ( 10 )

- **Rising brand value**
  - The 4<sup>th</sup> China Charity Festival
    - Best Social Responsibility Brand Award
  - Corporate Governance Asia
    - Mr. Chen Xiaoping, CEO of Everbright International – Asia’s Best CEO
    - Best Investor Relations Company
  - South China Media (July)
    - CAPITAL ECO Enterprises 2015
  - Yazhou Zhoukan (August)
    - Ranked 42<sup>nd</sup> in Top 100 Mainland Enterprises Listed in Hong Kong

# Results Highlights ( 11 )

- **Assumed environmental protection responsibility and lead the industry benchmark**
  - Operating projects received over 15,000 visitors

*“Changzhou Waste-to-energy Project should be promoted as a good example of the country’s waste-to-energy business sector.”*

- Officials from the Environment Protection and Resources Conservation Committee of the National People's Congress (NPC)

*“The operational model and management experience of China Everbright International’s waste-to-energy projects should be replicated in overseas markets.”*

- Officials from the National Development and Reform Commission

*“Companies in Europe should come and learn from you!”*

- Mr. Fredrik Uddenfeldt, Consul General of Sweden in Shanghai

*“We have witnessed a first-class garden-like waste-to-energy plant and hope to see the construction of the Pingdu Waste-to-energy Project kick off soon and make a positive contribution to the development of ecological civilization.”*

- Representatives from Pingdu Municipal government of Shandong Province and local villages

# Results Highlights ( 11 ) (cont'd)

- **Assumed environmental protection responsibility and lead the industry benchmark**
  - Be the first to disclose environmental management information in the PRC, including environmental assessment indicators and discharge standards
  - Took the initiative to welcome the supervision of both governments and the public, as well as feedback and advice from the general public, in order to constantly improve the Group's operation and management
  - Starting from 13 August 2015, Everbright International will disclose environmental management-related information on its official website [www.ebchinaintl.com](http://www.ebchinaintl.com)

- **Evolving from a traditional company to a high-tech company and transforming from an environmental protection company to a low-carbon industry player**
- **Establishing a leading position in China's environmental protection industry by mature technology and advanced management**

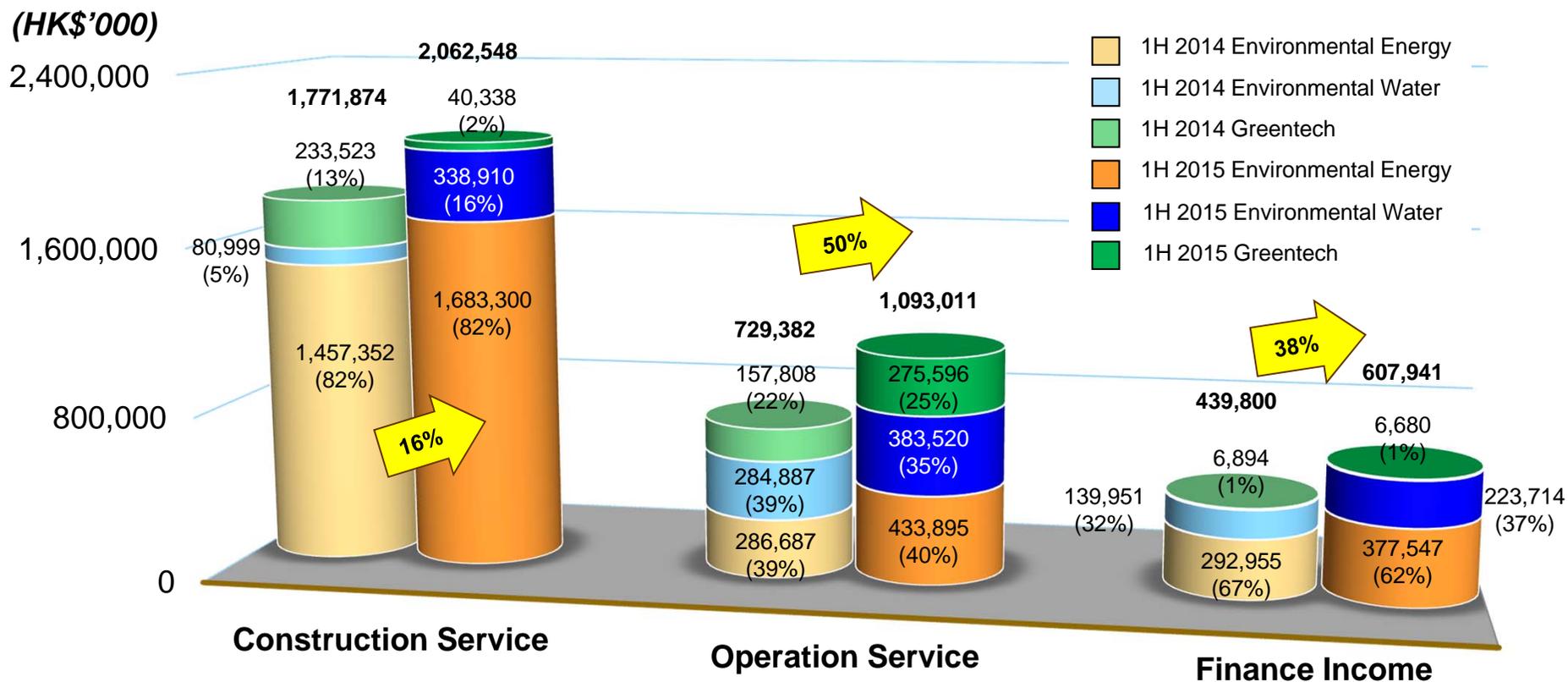


# Financial Review

# Financial Review

(HK \$'000)	For the six months ended 30 June		Change
	2015	2014	
<b>Revenue</b>	<b>3,771,802</b>	2,943,765	28%
<b>Gross profit</b>	<b>1,800,210</b>	1,351,534	33%
<b>EBITDA</b>	<b>1,778,791</b>	1,298,725	37%
<b>Profit attributable to equity shareholders</b>	<b>1,000,155</b>	801,866	25%
<b>Basic EPS</b>	<b>HK22.31 cents</b>	HK17.88 cents	25%
<b>Dividend per share</b>	<b>HK6.5 cents</b>	HK5 cents	30%

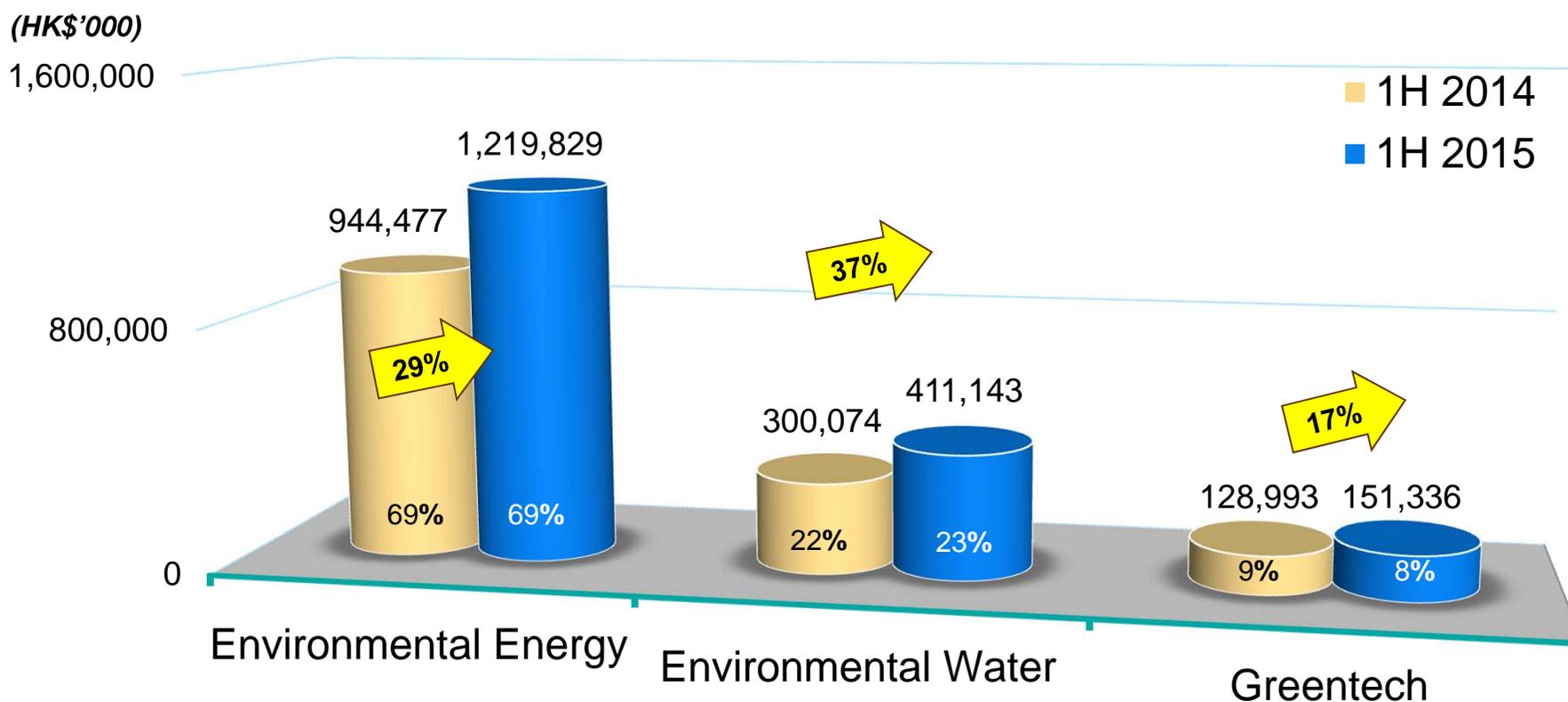
# Revenue Analysis of Environmental Protection and Greentech Businesses - by Activity



1H 2015: HK\$3,763,500,000 (up 28%)

1H 2014: HK\$2,941,056,000

# EBITDA Analysis of Environmental Protection and Greentech Businesses



1H 2015: HK\$1,782,308,000 (up 30%)

1H 2014: HK\$1,373,544,000

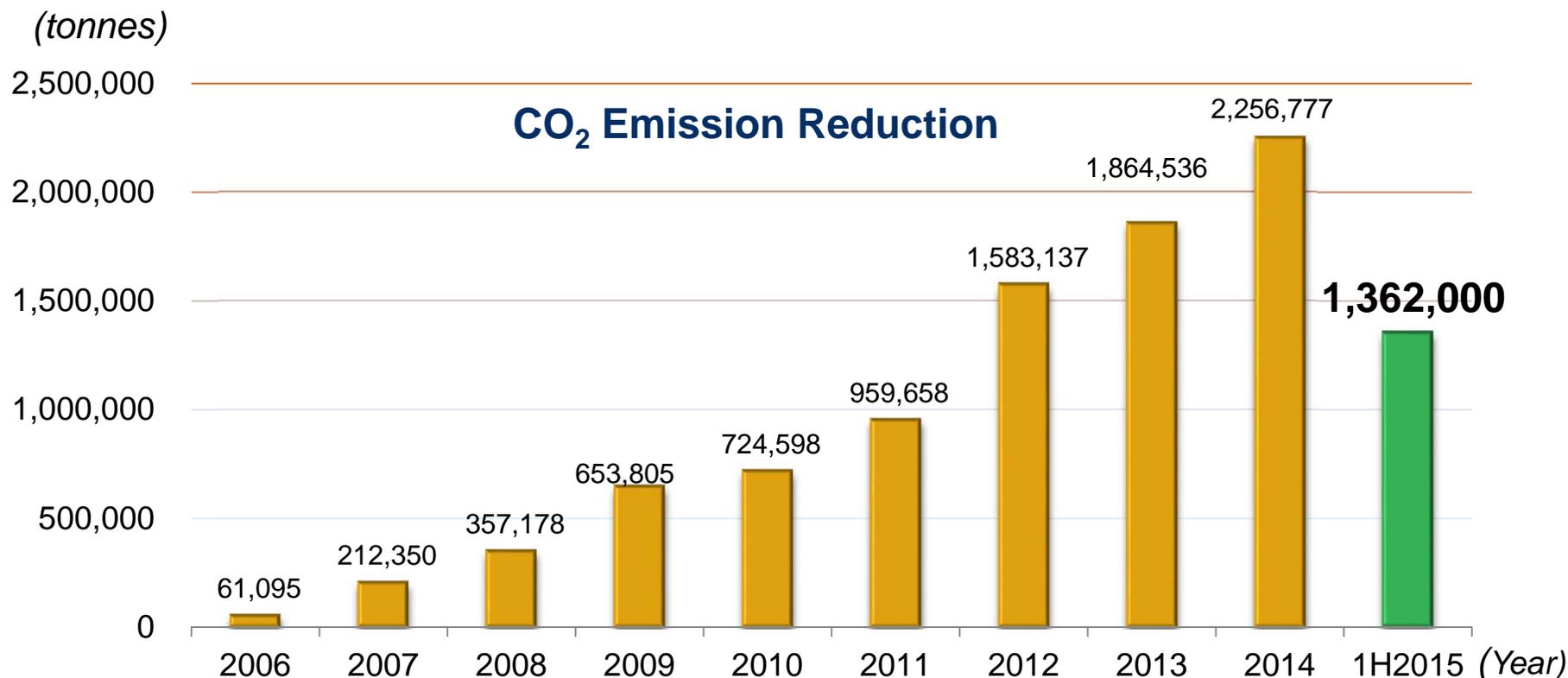
# Key Financial Figures

	As at 30/6/2015	As at 31/12/2014	Change
Total assets (HK\$ 'Mil)	34,303	31,200	10%
Total liabilities (HK\$ 'Mil)	14,884	13,357	11%
Shareholders' equity (HK\$ 'Mil)	17,243	16,263	6%
Cash on hand (HK\$ 'Mil)	4,868	5,150	-5%
Current ratio (%)	205	170	35ppt
Gearing ratio (%) (Total liabilities/Total assets)	43	43	-

# Energy Conservation & Emission Reduction



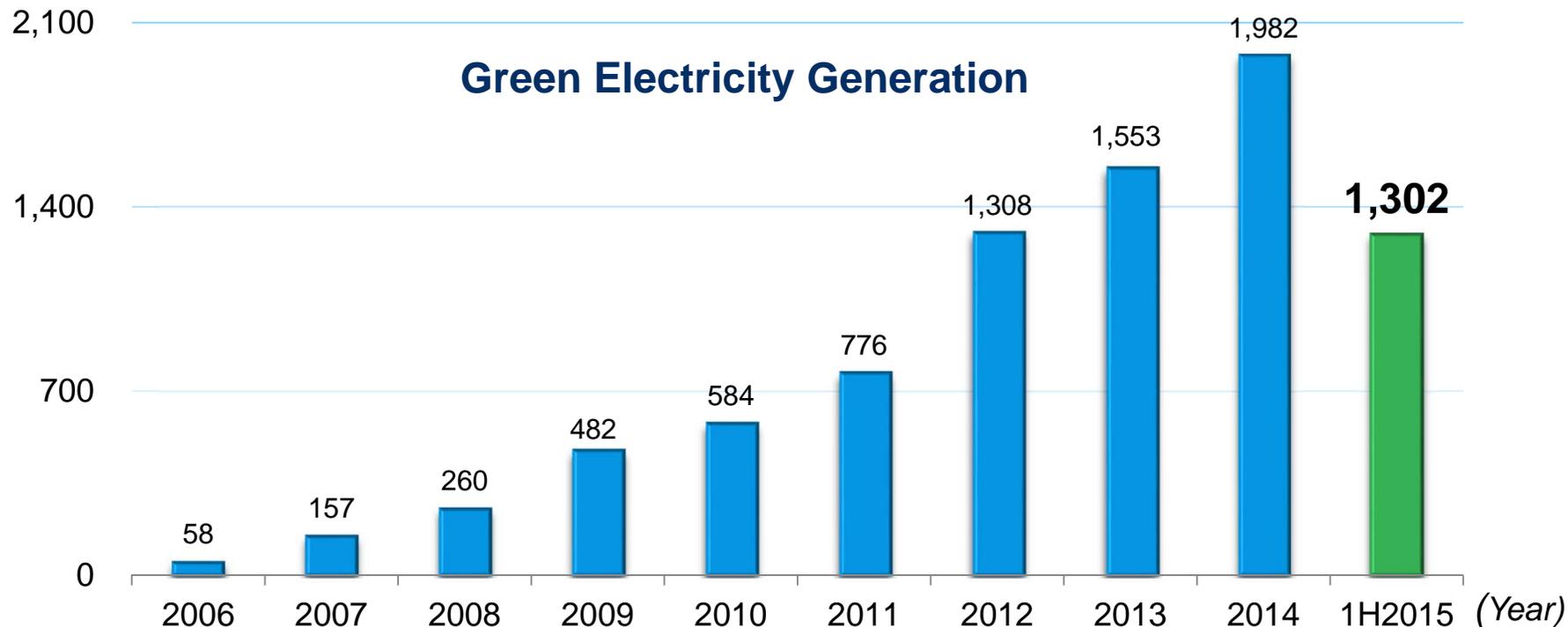
## Energy Conservation & Emission Reduction ( 1 )



- In 1H2015, the Group generated green electricity of 1,302 million kWh, equivalent to standard coal saving of 521,000 tonnes and hence reduced CO<sub>2</sub> emission of 1.362 million tonnes. Since the operation of its first environmental protection project in 2005, the accumulated green electricity generation reached 8.462 billion kWh, equivalent to standard coal saving of 3.385 million tonnes and reduction of CO<sub>2</sub> emission of approximately 10.035 million tonnes.

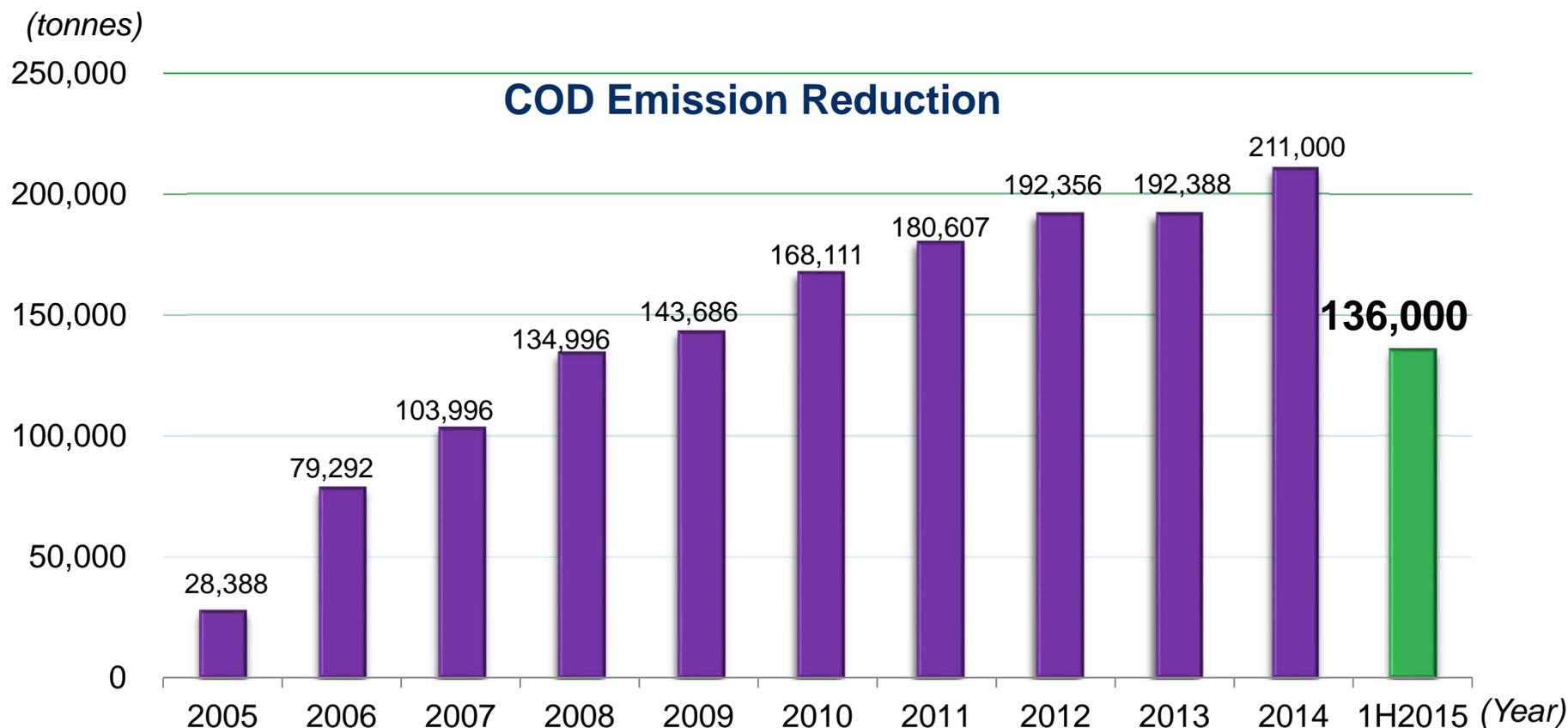
## Energy Conservation & Emission Reduction ( 2 )

(million kWh)



- In 1H2015, green electricity generated by waste-to-energy, methane-to-energy, biomass power generation and photovoltaic energy projects was 1,302 million kWh which fulfilled the annual electricity consumption of approximately 1.085 million households. Since the operation of its first environmental protection project in 2005, the accumulated green electricity generation reached 8.462 billion kWh which fulfilled the annual electricity consumption of approximately 7.052 million households.

## Energy Conservation & Emission Reduction ( 3 )



- In 1H2015, the Group treated waste water and leachate of 406 million m<sup>3</sup> and 605,000 m<sup>3</sup> respectively which reduced COD emission of approximately 136,000 tonnes. Since the operation of its first environmental protection project in 2005, the accumulated waste water and leachate treatment volume reached 4.17 billion m<sup>3</sup> and 4.42 million m<sup>3</sup> respectively and COD emission reduction was approximately 1.571 million tonnes.

# Business Overview



- Environmental Energy
- Environmental Water
- Greentech
- Environmental Protection Industrial Park
- Environmental Protection Equipment Manufacturing
- Environmental Protection Engineering
- Environmental Protection Technology

# Environmental Energy ( 1 )

- 16 waste-to-energy projects and 2 methane-to-energy projects are in operation
- 23 waste-to-energy projects, 1 sludge treatment and disposal project and 1 food waste treatment project are under construction or in preparatory stage
- Commanding a total investment of RMB18.325 billion

# Environmental Energy ( 2 )

- **Designed capacity :**
  - annual household waste processing capacity of 12.56 million tonnes
  - annual on-grid electricity generation capacity of 3.741 billion kWh
  - annual sludge treatment capacity of 18,000 tonnes
  - annual food waste processing capacity of 37,000 tonnes

# Environmental Water ( 1 )

- 36 waste water treatment projects, 3 reusable water projects and 2 waste water source heat pump projects are in operation
- 1 waste water BT project and 1 surface water BT project have been completed and transferred
- 2 waste water treatment projects and 1 reusable water project are under construction
- Newly signed a waste water treatment TOT project
- Commanding a total investment of RMB6.009 billion

## Environmental Water ( 2 )

- **Designed capacity:**
  - annual waste water treatment capacity of 953 million m<sup>3</sup>
  - annual reusable water supply of 22.33 million m<sup>3</sup>
  - provide heating and cooling services for an area of 312,000 m<sup>2</sup>

# Greentech ( 1 )

- 8 photovoltaic energy projects, 2 biomass power generation projects and 7 industrial solid waste and hazardous waste treatment projects are in operation
- 4 biomass integrated utilisation projects and 2 wind power projects are under construction
- 12 biomass integrated utilisation projects, 1 distributed photovoltaic energy project and 5 industrial and hazardous waste treatment projects are in preparatory stage
- 41 projects commanding a total investment of RMB8.152 billion

# Greentech ( 2 )

- **Designed capacity:**
  - annual agricultural waste treatment capacity of 3.448 million tonnes
  - annual household waste processing capacity of 767,000 tonnes
  - annual electricity generation of 2.579 billion kWh
  - annual hazardous waste processing capacity of 270,000 tonnes
  - annual heat volume of 1.03 million tonnes
  - Annual pellet production capacity of 132,000 tonnes

# Environmental Protection Industrial Park

- 9 Environmental Protection Industrial Parks
- Commanding a total investment of RMB20 billion

# Environmental Equipment Manufacturing

- Equipment manufacturing has become a new growth driver
  - Manufacturing of incinerators, leachate treatment equipment and gas emission purification equipment etc
  - Expansion of Phase II will complete in the 2H 2015
  - Developed external sales network of equipment and technical services

# Environmental Protection Engineering

- National High Tech Enterprise
- Obtained the "Main Contractor for Municipal Public Works" License
- Received numerous national and provincial gold and silver awards for quality
- 50 projects are under construction or in preparatory stage

# Environmental Protection Technology

- National High Tech Enterprise
- Obtained many invention and application patents
- Achieved significant R&D results
- Continued to strengthen R&D
- Continued to introduce advanced environmental protection technology

# Corporate Positioning



- High Starting Point
- Wider Horizon
- Stronger Cohesiveness
- Full Effort
- Steady Development
- Advanced Technology
- Excellent Quality
- Better Efficiency

# Corporate Positioning

- Becoming an investment holding group engaging in environmental energy, environmental water and greentech businesses, integrating construction, operation, R&D and equipment manufacturing in the system
- Becoming the world leading player in the green environmental protection industry

# Q & A



# Thank You



# Appendix

# Project Summary



# Environmental Energy ( 1 )

## Operating Projects:

Project Name	Daily waste processing capacity (tonne)	Total Investment (RMB'mil)
Suzhou Waste-to-energy Project Phase I	1,050	489
Suzhou Waste-to-energy Project Phase II	1,000	450
Suzhou Waste-to-energy Project Phase III	1,500	750
Yixing Waste-to-energy Project Phase I	500	238
Jiangyin Waste-to-energy Project Phase I	800	389
Jiangyin Waste-to-energy Project Phase II	400	205
Changzhou Waste-to-energy Project	800	413
Zhenjiang Waste-to-energy Project Phase I	1,000	413
Jinan Waste-to-energy Project	2,000	901
Suqian Waste-to-energy Project	600	324
<b>Sub-total</b>	<b>9,650</b>	<b>4,572</b>

## Environmental Energy ( 2 )

Operating Projects:

Project Name	Daily waste processing capacity (tonne)	Total Investment (RMB'mil)
Ningbo Waste-to-energy Project Phase I	1,000	560
Nanjing Waste-to-energy Project Phase I	2,000	1,030
Pizhou Waste-to-energy Project Phase I	600	330
Sanya Waste-to-energy Project Phase I	700	426
Shouguang Waste-to-energy Project Phase I	600	338
Zhenjiang Waste-to-energy Project Phase II	400	200
<b>Sub-total</b>	<b>5,300</b>	<b>2,884</b>

## Environmental Energy ( 3 )

Projects under construction:

Project Name	Daily waste processing capacity (tonne)	Total Investment (RMB'mil)
Boluo Waste-to-energy Project Phase I (commenced operation in July 2015)	700	447
Weifang Waste-to-energy Project Phase I	1,000	586
Changzhou Xinbei Waste-to-energy Project Phase I	800	420
Rizhao Waste-to-energy Project Phase I	600	350
Ningbo Waste-to-energy Project Phase II	500	190
Wujiang Waste-to-energy Project	1,500	890
Yiyang Waste-to-energy Project	800	372
Hangzhou Waste-to-energy Project	3,000	1,800
<b>Sub-total</b>	<b>8,900</b>	<b>5,055</b>

## Environmental Energy ( 4 )

Projects in preparatory stage:

Project Name	Daily waste processing capacity (tonne)	Total Investment (RMB'mil)
Huidong Waste-to-energy Project Phase I	600	334
Yixing Waste-to-energy Project Phase II	300	151
Ningbo Ninghai Waste-to-energy Project Phase I	700	360
Heze Waste-to-energy Project Phase I	600	350
Ma'anshan Waste-to-energy Project Phase I	800	450
Nanjing Waste-to-energy Project Phase II	2,000	987
Nanjing Gaochun Waste-to-energy Project	500	260
Tengzhou Waste-to-energy Project Phase I	600	339
Xinzheng Waste-to-energy Project Phase I	1,000	520
Pei County Waste-to-energy Project Phase I	400	250
<b>Sub-total</b>	<b>7,500</b>	<b>4,001</b>

## Environmental Energy ( 5 )

Projects in preparatory stage:

Project Name	Daily waste processing capacity (tonne)	Total Investment (RMB'mil)
Pingdu Waste-to-energy Project	600	360
Sanya Waste-to-energy Project Phase II	350	166
Suining Waste-to-energy Project	800	450
Laiwu Waste-to-energy Project	700	385
Xintai Waste-to-energy Project	600	339
<b>Sub-total</b>	<b>3,050</b>	<b>1,700</b>

## Environmental Energy ( 6 )

Operating Projects:

Project Name	Average annual electricity generation capacity (kWh)	Total investment (RMB'mil)
Suzhou Methane-to-energy Project Phase I	18,000,000	28
Suzhou Methane-to-energy Project Phase II	9,000,000	13
<b>Sub-total</b>	<b>27,000,000</b>	<b>41</b>

## Environmental Energy ( 7 )

Sludge Treatment Projects in preparatory stage:

Project Name	Daily processing capacity (tonne)	Total Investment (RMB'mil)
Sanya Sludge Treatment and Disposal Project	50	22
<b>Sub-total</b>	<b>50</b>	<b>22</b>

Food Waste Treatment Projects in preparatory stage:

Project Name	Daily processing capacity (tonne)	Total Investment (RMB'mil)
Laiwu Food Waste Treatment Project	100	50
<b>Sub-total</b>	<b>100</b>	<b>50</b>
<b>Total for Environmental Energy</b>	Daily household waste processing capacity: 34,400 tonnes Average annual electricity generation: 3,741,350,000 kWh Daily sludge treatment and disposal capacity: 50 tonnes Daily food waste processing capacity: 100 tonnes	<b>18,325</b>

## Environmental Energy ( 8 )

Expansion projects planned in the concession agreements:

Project Name	Daily waste processing capacity (tonnes)
Pizhou Waste-to-energy Project Phase II	400
Sanya Waste-to-energy Project Phase II	350
Boluo Waste-to-energy Project Phase II	350
Shouguang Waste-to-energy Project Phase II	400
Weifang Waste-to-energy Project Phase II	500
Ningbo Ninghai Waste-to-energy Project Phase II	350
Rizhao Waste-to-energy Project Phase II	300
Heze Waste-to-energy Project Phase II	300
<b>Sub-total</b>	<b>2,950</b>

## Environmental Energy ( 9 )

Expansion projects planned in the concession agreements:

Project Name	Daily waste processing capacity (tonnes)
Ma'anshan Waste-to-energy Project Phase II	400
Changzhou Xinbei Waste-to-energy Project Phase II	700
Tengzhou Waste-to-energy Project Phase II	400
Pei County Waste-to-energy Project Phase II	400
Xinzheng Waste-to-energy Project Phase II	500
Pingdu Waste-to-energy Project Phase II	300
Laiwu Waste-to-energy Project Phase II	300
Xintai Waste-to-energy Project Phase II	300
<b>Sub-total</b>	<b>3,300</b>
<b>Total</b>	<b>6,250</b>

# Environmental Protection Industrial Park

Industrial Park	Investment amount (RMB)	Expected no. of projects
Suzhou Everbright National Demonstrative Veinous Industrial Park	3.3 billion	>10
Suqian Everbright Environmental Protection Industrial Park	1.6 billion	6-8
Changzhou Everbright Environmental Protection Industrial Park	1 billion	9
Weifang Everbright Environmental Protection Industrial Park	3.7 billion	>10
Yixing Everbright Environmental Protection Veinous Industrial Park	HK\$2-3 billion	>10
Nanjing Everbright Environmental Protection Veinous Industrial Park	4.2 billion	>10
Zhenjiang New District Everbright Environmental Protection Industrial Park	HK\$1.5 billion	6-8
Lianyungang Xuwei New District Environmental Protection Veinous Industrial Park	0.6 billion	>10
Ganzhou Everbright Environmental Protection Veinous Industrial Park	2 billion	>10

# Environmental Water ( 1 )

## Operating Projects:

Project Name	Daily waste water treatment capacity (m <sup>3</sup> )	Total investment (RMB 'mil)
Qingdao Waste Water Treatment Project (Maidao & Haibohe Plants and upgrade project)	220,000	356
Zibo Waste Water Treatment Project (Southern & Northern Plants and upgrade project)	250,000	354
Zibo High-tech Zone Waste Water Treatment Project	100,000	150
Zibo Zhoucun Waste Water Treatment Project Phase I	40,000	70
Binzhou Boxing Waste Water Treatment Project (Phase I, upgrade and expansion project of Phase II)	80,000	149
Jinan Waste Water Treatment Project (Plant 1 & Plant 2 and upgrade and expansion projects)	500,000	707
Jinan Licheng Waste Water Treatment Project (Plant 3) Phase I	100,000	138
Jinan Xike Waste Water Treatment Project (Plant 4)	30,000	73
<b>Sub-total</b>	<b>Daily waste water treatment: 1,320,000</b>	<b>1,997</b>

## Environmental Water ( 2 )

### Operating Projects:

Project Name	Daily waste water treatment capacity (m <sup>3</sup> )	Total investment (RMB 'mil)
Ling County Plant 2 BOT Project	30,000	58
Ling County Plant 1 TOT Project	30,000	34
Jiangyin Waste Water Treatment Project (acquisition and upgrade)	190,000	530
Zibo Reusable Water Project Phase I	annual supply: 1,750,000	44
Jinan Licheng Reusable Water Project	annual supply: 15,330,000	31
Jiangyin Reusable Water Project	annual supply: 3,500,000	73
Dezhou Nanyunhe Waste Water Treatment Project Phase I	75,000	150
Jinan Licheng Waste Water Treatment Project (Plant 3) Phase II	100,000	195
<b>Sub-total</b>	<b>Daily waste water treatment: 425,000 Annual reusable water supply: 20,580,000</b>	<b>1,115</b>

## Environmental Water ( 3 )

### Operating Projects:

Project Name	Daily waste water treatment capacity (m <sup>3</sup> )	Total investment (RMB 'mil)
Zhangqiu Waste Water Treatment Project	30,000	61
Ling County Waste Water Treatment Project (Plant 1) Upgrading	unchanged	14
Zibo Waste Water Source Heat Pump Project Phase I	service area: 125,000m <sup>2</sup>	58
Zibo Ceramic Park Heat Pump Project	service area: 187,000m <sup>2</sup>	93
Binzhou Development Zone Waste Water Treatment Project Phase I	40,000	70
Kunshan Development Zone Waste Water Treatment Project Phase I	25,000	68
Kunshan Development Zone Waste Water Treatment Project Phase II	25,000	16
Yangzhou Jiangdu Development Zone Waste Water Treatment Project Phase I	12,500	25
Lianyungang Dapu Waste Water Treatment Project	100,000	140
<b>Sub-total</b>	<b>Daily waste water treatment: 232,500 Service area: 312,000m<sup>2</sup></b>	<b>545</b>

# Environmental Water ( 4 )

## Operating Projects:

Project Name	Daily waste water treatment capacity (m <sup>3</sup> )	Total investment (RMB 'mil)
Lianyungang Xugou Waste Water Treatment Project Phase I	40,000	100
Nanjing Pukou Waste Water Treatment Project Phase I	40,000	111
Suzhou Wuzhong Chengnan Waste Water Treatment Project Phase I	75,000	559
Nanjing Liuhe Waste Water Treatment Project Phase I	20,000	63
Nanjing Liuhe Waste Water Treatment Project Phase II	20,000	98
Daxing Tiantanghe Waste Water Treatment Project Phase I	40,000	101
Xianyang Waste Water Treatment Project Phase I	100,000	101
Xianyang Waste Water Treatment Project Phase II	100,000	140
Yangzhou Jiangdu Development Zone Waste Water Treatment Project Phase II and Upgrade	12,500	66
Sanmenxia Waste Water Treatment Project Phase I	30,000	74
<b>Sub-total</b>	<b>Daily waste water treatment: 477,500</b>	<b>1,413</b>

## Environmental Water ( 5 )

Transferred Project:

Project Name	Daily treatment capacity (m <sup>3</sup> )	Total investment (RMB 'mil)
Xinyi BT Waste Water Treatment Project Phase I	Daily waste water treatment capacity 10,000	62
Xinyi Surface Water BT Project	Daily surface water supply 100,000	385
<b>Sub-total</b>		<b>447</b>

## Environmental Water ( 6 )

Projects under construction:

Project Name	Daily waste water treatment capacity (m <sup>3</sup> )	Total investment (RMB 'mil)
Zibo Reusable Water Project Phase II	annual supply: 1,750,000	15
Nanjing Pukou Waste Water Treatment Project Phase II and upgrading	40,000	149
Suzhou Wuzhong Chengnan Waste Water Treatment Project Phase II and upgrading	75,000	225
<b>Sub-total</b>	<b>Daily waste water treatment:</b> <b>115,000</b> <b>Annual reusable water supply:</b> <b>1,750,000</b>	<b>389</b>

## Environmental Water ( 7 )

Newly signed project:

Project Name	Daily waste water treatment capacity (m <sup>3</sup> )	Total investment (RMB 'mil)
Ju County Waste Water Treatment Project	40,000	103
<b>Sub-total</b>	<b>40,000</b>	<b>103</b>
<b>Total for Environmental Water</b>	<b>Annual waste water treatment:</b> <b>952,650,000m<sup>3</sup></b> <b>Annual reusable water supply:</b> <b>22,330,000m<sup>3</sup></b> <b>Service area: 312,000m<sup>2</sup></b>	<b>6,009</b>

# Greentech ( 1 )

## Operating Photovoltaic Energy Projects:

Project Name	Average annual electricity generation capacity (kWh)	Total investment (RMB 'mil)
Shenzhen Rooftop Photovoltaic Energy Project	1,480,000	28
Changzhou Rooftop Photovoltaic Energy Project	4,113,000	79
Suqian Rooftop Photovoltaic Energy Project Phase I	2,205,000	53
Suqian Rooftop Photovoltaic Energy Project Phase II	6,198,000	142
Zhenjiang Rooftop Photovoltaic Energy Project	11,680,000	236
Zhenjiang Ground Photovoltaic Energy Project	4,059,000	73
Huaining Ground Photovoltaic Energy Project	2,170,000	51
German Ground Photovoltaic Energy Project	3,611,000	68
<b>Sub-total</b>	<b>35,516,000</b>	<b>730</b>

## Greentech ( 2 )

Photovoltaic energy project in preparatory stage:

Project Name	Average annual electricity generation capacity (kWh)	Total investment (RMB 'mil)
Hanshan Distributed Photovoltaic Energy Project	3,210,000	46
<b>Sub-total</b>	<b>3,210,000</b>	<b>46</b>

## Greentech ( 3 )

Operating Biomass Integrated Utilisation Projects:

Project Name	Average annual electricity generation capacity (kWh)	Annual agricultural waste and straw processing capacity (tonnes)	Total investment (RMB 'mil)
Dangshan Biomass Power Generation Project	184,000,000	274,000	313
Hanshan Biomass Power Generation Project	184,000,000	274,000	320
<b>Sub-total</b>	<b>368,000,000</b>	<b>548,000</b>	<b>633</b>

## Greentech ( 4 )

### Biomass Integrated Utilisation Projects under construction:

Project Name		Annual agricultural waste and straw processing capacity (tonnes)	Total investment (RMB 'mil)
Xuyi Biomass Integrated Utilisation Project	Annual heat volume: 370,000 tonnes Electricity: 106,000,000 kWh	268,000	301
Sucheng Biomass Integrated Utilisation Project	Annual heat volume: 350,000 tonnes	176,000	175
Rudong Biomass Integrated Utilisation Project	Annual pellet production capacity: 116,000 tonnes	126,000	90
Dangshan Waste-to-energy Project Phase I (Urban-rural integration project)	Daily household waste processing capacity: 400 tonnes Electricity: 41,000,000 kWh		250
<b>Sub-total</b>	<b>Annual electricity: 147,000,000 kWh</b> <b>Annual heat volume: 720,000 tonnes</b> <b>Annual pellet production capacity: 116,000 tonnes</b> <b>Daily household waste processing capacity: 400 tonnes</b>	<b>570,000</b>	<b>816</b>

## Greentech ( 5 )

Biomass Integrated Utilisation Projects in preparatory stage:

Project Name	Average annual electricity generation capacity (kWh)	Annual agricultural waste and straw processing capacity (tonnes)	Total investment (RMB 'mil)
Huaiyuan Biomass Integrated Utilisation Project	200,000,000	280,000	330
Dingyuan Biomass Integrated Utilisation Project	200,000,000	300,000	320
Nanqiao Biomass Power Generation Project	200,000,000	280,000	320
Rugao Biomass Power Generation Project	213,000,000	280,000	320
Lingbi Biomass Integrated Utilisation Project (Urban-rural integration project)	200,000,000	300,000	320
Lingbi Waste-to-energy Project Phase I (Urban-rural integration project)	Daily household waste processing capacity: 500 tonnes Electricity: 47,000,000		250
Xiao County Biomass Power Cogeneration Project (Urban-rural integration project)	200,000,000	300,000	320
Xiao County Waste-to-energy Project (Urban-rural integration project)	Daily household waste processing capacity: 400 tonnes Electricity: 48,000,000		250
<b>Sub-total</b>	<b>Annual electricity: 1,308,000,000</b> <b>Daily household waste processing capacity: 900 tonnes</b>	<b>1,740,000</b>	<b>2,430</b>

## Greentech ( 6 )

Biomass Integrated Utilisation Projects in preparatory stage:

Project Name	Average annual electricity generation capacity (kWh)	Annual agricultural waste and straw processing capacity (tonnes)	Total investment (RMB 'mil)
Mianzhu Biomass Power Generation Projects (Urban-rural integration project)	200,000,000	300,000	320
Mianzhu Waste-to-energy Project (Urban-rural integration project)	Daily household waste processing capacity: 300 tonnes Electricity: 32,500,000		180
Guanyun Biomass Cogeneration Project (Urban-rural integration project)	Annual heat volume: 70,000 tonnes Electricity: 191,000,000 Annual pellet production capacity: 16,000 tonnes	290,000	320
Guanyun MSW-Fired Cogeneration Project (Urban-rural integration project)	Daily household waste processing capacity: 500 tonnes Annual heat volume: 240,000 tonnes Annual electricity: 64,000,000		270
<b>Sub-total</b>	<b>Annual electricity: 487,500,000</b> <b>Annual heat volume: 310,000 tonnes</b> <b>Daily household waste processing capacity: 800 tonnes</b> <b>Annual pellet production capacity: 16,000 tonnes</b>	<b>590,000</b>	<b>1,090</b>

## Greentech ( 7 )

Operating Industrial solid waste and hazardous waste treatment projects:

Project Name	Designed Storage Capacity (m <sup>3</sup> )	Annual Processing Capacity (tonnes)	Total Investment (RMB'mil)
Suzhou Industrial Solid Waste Landfill Project Phase I	142,000		78
Suzhou Industrial Solid Waste Landfill Project Phase II	370,000	40,000	40
Suqian Hazardous Solid Waste Landfill Project Phase I	340,000	20,000	99
Binhai Hazardous Solid Waste Landfill Project	600,000	30,000	186
Guanyun Hazardous Solid Waste Landfill Project Phase I	300,000	20,000	139
<b>Sub-total</b>	<b>1,752,000</b>	<b>110,000</b>	<b>542</b>

## Greentech ( 8 )

Operating Industrial solid waste and hazardous waste treatment projects:

Project Name	Average Annual Processing Capacity (tonnes)	Total Investment (RMB'mil)
Lianyungang Hazardous Waste Treatment Project	3,650	26
Zibo Integrated Hazardous Solid Waste Treatment Project Phase I	9,900	132
<b>Sub-total</b>	<b>13,550</b>	<b>158</b>

## Greentech ( 9 )

Industrial solid waste and hazardous waste treatment projects in preparatory stage:

Project Name	Designed Storage Capacity (m <sup>3</sup> )	Average Annual Processing Capacity (tonnes)	Total Investment (RMB'mil)
Shouguang Integrated Hazardous Solid Waste Treatment Project	500,000	20,000	157
Lianyungang Hazardous Waste Treatment Project extension	N/A	Incineration processing capacity: 6,350	54
Xinyi Hazardous Solid Waste Treatment Project	N/A	Incineration processing capacity: 9,500	100
Zibo Integrated Hazardous Solid Waste Treatment Project Phase II	N/A	Incineration processing capacity: 31,000 Physico-chemical processing capacity: 50,000	268
Changzhou Hazardous Solid Waste Treatment Project	N/A	Incineration processing capacity: 30,000	280
<b>Sub-total</b>	<b>500,000</b>	<b>Annual landfill: 20,000 Annual hazardous solid waste incineration processing capacity: 76,850 Annual physico-chemical processing capacity: 50,000</b>	<b>859</b>

# Greentech ( 10 )

Wind Power Projects under construction:

Project Name	Average annual electricity generation capacity (kWh)	Total investment (RMB 'mil)
Ningwu Wind Power Project (Changfangshan & Zhaojiashan)	230,000,000	848
<b>Sub-total</b>	<b>230,000,000</b>	<b>848</b>
<b>Total for Greentech</b>	Annual electricity: 2,579,226,000 kWh Annual heat: 1,030,000 tonnes Annual agricultural waste and straw processing capacity: 3,448,000 tonnes Annual pellet production capacity: 132,000 tonnes Annual household waste processing capacity: 766,500 tonnes Annual industrial and hazardous solid waste processing capacity: 270,400 tonnes	<b>8,152</b>

## Greentech ( 11 )

Expansion projects planned in the concession agreements:

Project Name	Daily waste processing capacity (tonnes)
Xiao County Waste-to-energy Project Phase II (Urban-rural integration project)	400
Mianzhu Waste-to-energy Project Phase II (Urban-rural integration project)	300
<b>Total</b>	<b>700</b>

# Environmental Equipment Manufacturing

Operating project:

Project Name	Date of Commercial Operation	Total investment (RMB 'mil)
Changzhou Environmental Protection Equipment Manufacturing Centre Phase I	Sept 2012	89
<b>Total</b>		<b>89</b>

Project under construction :

Project Name	Date of Commercial Operation	Total investment (RMB 'mil)
Changzhou Environmental Protection Equipment Manufacturing Centre Phase II	2H 2015	120
<b>Total</b>		<b>120</b>