

2013 Annual Results Presentation

February 2014

CHINA EVERBRIGHT INTERNATIONAL LIMITED 中國光大國際有限公司



Forward-looking statements

This presentation may contain forward-looking statements. Any such forward-looking statements are based on a number of assumptions about the operations of China Everbright International Limited (the "Company") and factors beyond the Company's control and are subject to significant risks and uncertainties, and accordingly, actual results may differ materially from these forward-looking statements. The Company undertakes no obligation to update these forward-looking statements for events or circumstances that occur subsequent to such dates.

The information in this presentation should be considered in the context of the circumstances prevailing at the time of its presentation and has not been, and will not be, updated to reflect material developments which may occur after the date of this presentation. The slides forming part of this presentation have been prepared solely as a support for oral discussion about background information about the Company. No representation or warranty, express or implied, is made as to, and no reliance should be placed on, the fairness, accuracy, completeness or correctness of any information or opinion contained herein. It should not be regarded by recipients as a substitute for the exercise of their own judgment. Information and opinion contained in this presentation may be based on or derived from the judgment and opinion of the management of the Company. Such information is not always capable of verification or validation. None of the Company or financial adviser of the Company, or any of their respective directors, officers, employees, agents or advisers shall be in any way responsible for the contents hereof, or shall be liable for any loss arising from use of the information contained in this presentation or otherwise arising in connection therewith. This presentation does not take into consideration the investment objectives, financial situation or particular needs of any particular investor. It shall not to be construed as a solicitation or an offer or invitation to buy or sell any securities or related financial instruments. No part of it shall form the basis of or be relied upon in connection with any contract or commitment whatsoever. This presentation may not be copied or otherwise reproduced.

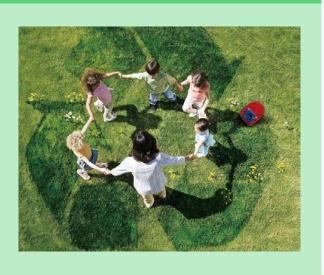




Agenda

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





Results Highlights



Results Highlights (1)

Outstanding performance in operating results

- Total assets exceeded HK\$20 billion, increased by 42% to HK\$23.47 billion
- Turnover exceeded HK\$5 billion, increased by 56% to HK\$5.32 billion
- Operating profit exceeded HK\$2 billion, increased by 43% to HK\$2.13 billion
- Final dividend of HK5.0 cents, total dividends for the year of HK8.5 cents, increased by 42%
- Dedicated to pursuing business development and sharing the results with our shareholders



Results Highlights (1) (Cont'd)

- Outstanding performance in operating results
 - High quality assets, reasonable gearing ratio, abundant cash on hand and healthy financial position
 - Gearing ratio of 41%, a decrease of 7ppt over 2012
 - HK\$5.815 billion cash on hand, increased by 1.08 times as compared with 2012
 - Cash assets represented 25% of the Group's total assets, providing sufficient support to the Group in a new round of development



Results Highlights (2)

- Remarkable achievements in market expansion
 - Established a new market development model with the Group's Hong Kong headquarter as the base
 - Number of newly expanded projects hit record high:
 - Secured 12 new projects and commenced 1 biomass power generation project, commanding a total investment of RMB2.8 billion
 - Establishment of new sectors and new districts:
 - Entered the market of integrated hazardous waste treatment and medical waste treatment
 - Signed strategic cooperation agreements with Beijing, Nanjing, Shenzhen, Shandong, Jiangxi, Sichuan, Jiangsu and Zhuhai governments



Results Highlights (3)

- Energy conservation and emission reduction successively achieved new heights
 - Generated green electricity of 1.55 billion kWh, an increase of 19% from 2012
 - The output can support the annual electricity consumption of 1.3 million households
 - Equivalent to saving standard coal of 621,000 tonnes
 - → Reduced carbon dioxide (CO₂) emissions by 1.864 million tonnes for air purification in urban cities
 - Reduced COD emissions of 192,000 tonnes



Results Highlights (4)

- Notable performance in energy conservation and consumption reduction
 - Conducted the Four Races campaign
 - Comprehensive auxiliary power consumption reduced significantly
 - Unit operating cost substantially decreased
 - Revenue increased and costs reduced, leading the increase in operating profits
 - Committed to maintaining safe and stable operations in compliance with discharge standards
 - Established a streamlined and refined management with longstanding effect



Results Highlights (5)

- Project construction advances steadily
 - Both the number of projects and contracts hit record highs
 - 26 projects under construction or in preparatory stage
 - Commanding a total investment of RMB8 billion
 - 4 projects completed on time
 - Suzhou Waste-to-energy Project Phase III
 - Jinan Licheng Waste Water Treatment Project Phase II
 - Dezhou Nanyunhe Waste Water Treatment Project Phase I
 - Xinyi Surface Water BT Project completed and has been transferred, and officially started supplying water to the city



Results Highlights (5) (Cont'd)

- Project construction advances steadily
 - → 10 projects under construction are making steady progress





Results Highlights (6)

Outstanding R&D results

- Achieved substantial breakthrough in 5 major fields
 - Waste incineration grate furnace
 - The 500-tonne large-scale incineration grate furnaces passed national authorities' assessment and are recognised as superior to imported grate furnaces in terms of operation quality, efficiency and cost control
 - Steadily operating in Jiangyin, Zhenjiang, Suqian and Suzhou
 Phase III waste-to-energy projects
 - Leachate treatment system
 - Gas treatment system
 - Waste-to-energy control system
 - Rural biomass collection-storage-transportation system



Results Highlights (6) (Cont'd)

Outstanding R&D results

- Introduced international advanced technology, cooperated with MARTIN GmbH für Umwelt - und Energietechnik and Suez Environnement to strengthen technical and R&D capabilities
- Granted 21 patents
- Received RMB43.11 million of technological subsidies and incentives from both the Central Government and local governments



Results Highlights (7)

- Equipment manufacturing achieved another impressive result
 - Further enhancement in equipment manufacturing:
 - Completed the assembly of 7 sets of incinerators
 - Completed the supply of the gas purification system equipment and a complete set of leachate equipment
 - Achieved a breakthrough in external sales:
 - External sales of ash treatment equipment
 - Provided technology consultancy services on the whole process of the waste-to-energy project



Results Highlights (8)

- Expansion of financing channels resulted in abundant funds
 - Raised fund of HK\$3.617 billion through share placement
 - Signed a USD70 million long-term loan agreement with International Finance Corporation
 - Signed a RMB10 billion cooperation agreement with China Development Bank
 - Established close cooperation with Asian Development Bank and signed loan agreements valued at USD300 million over the years



Results Highlights (9)

Continuous enhancement of social benefits

- Created more employment opportunities through corporate development, the total number of employees increased by over 400
- Organized activities to promote environmental science in 27 cities with more than 200,000 participants
- Arranged site visits to environmental protection projects for a total of 21,800 domestic and foreign visitors
- Established a charitable fund to help improve the environmental quality and raise public awareness on environmental protection



Results Highlights (10)

Rising brand value

Included as a constituent stock of:

- MSCI China Index
- Hang Seng China-Affiliated Corporations Index
- Hang Seng Corporate Sustainability
 Benchmark Index for the 3rd consecutive
 year





Results Highlights (10) (Cont'd)

Rising brand value

Awards

- The Asset Gold Award at The Excellence in Management and Corporate Governance Awards 2013
- Economic Digest Hong Kong Outstanding Enterprise Award for the 7th consecutive year
- Economic Digest Outstanding Brand Awards 2013 (Environmental Protection and Alternative Energy Category)









Results Highlights (10) (Cont'd)

Rising brand value

Awards

- First place in the Top Ten Influential Solid Waste
 Treatment Enterprises 2013 in China
- The Highest Award in the China Quality Project Construction 2012-2013, the Luban Prize
 - Jinan Waste-to-energy project
- National AAA Waste-to-energy Power Plant
 - Suzhou Waste-to-energy project
- China Installation Engineering High-quality Award 2013 - 2014
 - Suzhou Waste-to-energy project





Everbright International has established a welldefined management system with clear priorities, transparency, power of innovation and strong growth momentum, thereby laying a solid foundation for a new round of development





Financial Review

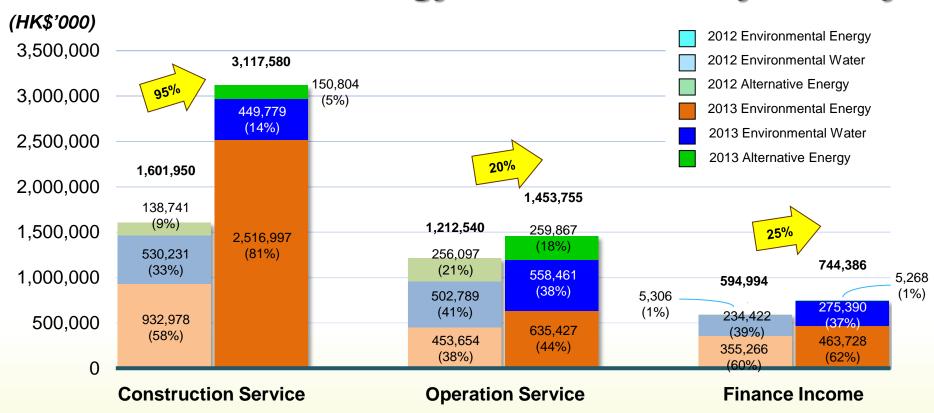


Financial Review

(HK \$'000)	For the year ended 31 December		Change
	2013	2012	
Turnover	5,319,866	3,409,938	56%
Gross profit	2,375,408	1,683,672	41%
EBITDA on recurring basis	2,217,929	1,564,705	42%
Profit on discontinued operation	-	250,096	-100%
Profit attributable to equity shareholders	1,324,667	1,123,269	18%
Basic EPS	HK32.60 cents	HK29.65 cents	10%
Dividends per share	HK8.5 cents	HK6 cents	42%



Turnover Analysis of Environmental Protection and Alternative Energy Businesses – by Activity



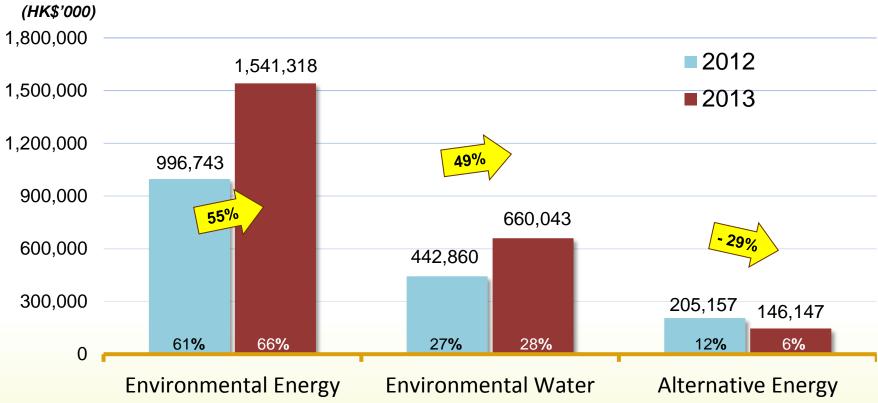
Turnover of Environmental Protection and Alternative Energy Businesses:

2013: HK\$5,315,721,000 (up 56%)

2012: HK\$3,409,484,000



EBITDA Analysis of Environmental Protection and Alternative Energy Businesses



EBITDA of Environmental Protection and Alternative Energy Businesses:

2013: HK\$2,347,508,000 (up 43%)

2012: HK\$1,644,760,000

Note: EBITDA from Alternative Energy (excluding the construction cost savings) increased as compared with 2012



Profit Attributable to Shareholders

Profit attributable to shareholders for 2013 increased by 18% to HK\$1,324,667,000 as compared with HK\$1,123,269,000 for 2012

- Increase in EBITDA contribution of environmental protection and alternative energy businesses by 43% to HK\$2,347,508,000
- Completely offset the non-recurring profits from disposal of Fuzhou Toll Bridge reported in 2012



Key Financial Figures

	As at 31/12/2013	As at 31/12/2012	Change
Total assets (HK\$ 'Mil)	23,471	16,583	42%
Total liabilities (HK\$ 'Mil)	9,692	7,913	22%
Shareholders' equity (HK\$ 'Mil)	13,374	8,350	60%
Cash on hand (HK\$ 'Mil)	5,815	2,797	108%
Current ratio (%)	231	164	67ppt
Gearing ratio (%) (Total liabilities/Total assets)	41	48	-7ppt

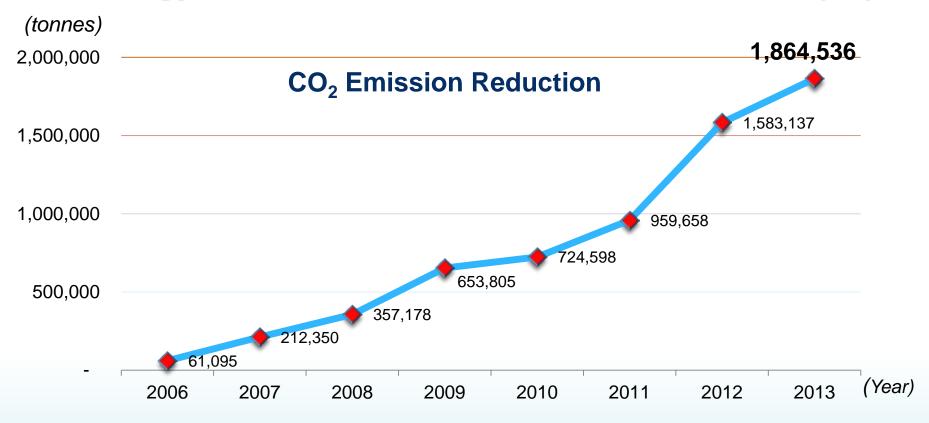




Energy Conservation and **Emission** Reduction



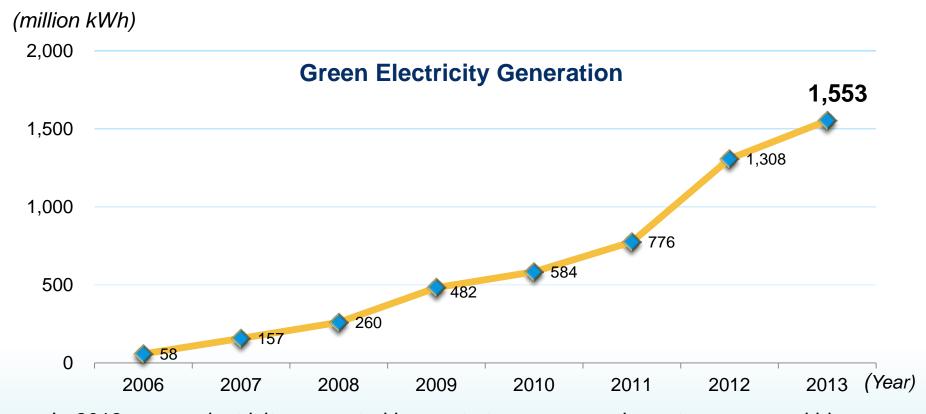
Energy Conservation & Emission Reduction (1)



In 2013, the Group generated green electricity of 1.553 billion kWh, equivalent to standard coal saving of 621,000 tonnes and hence reduced CO₂ emission of 1.864 million tonnes. Since the operation of its first environmental protection project in 2005, the accumulated green electricity generation reached 5.178 billion kWh, equivalent to standard coal saving of 2.07 million tonnes and reduction of CO₂ emission of approximately 6.416 million tonnes.



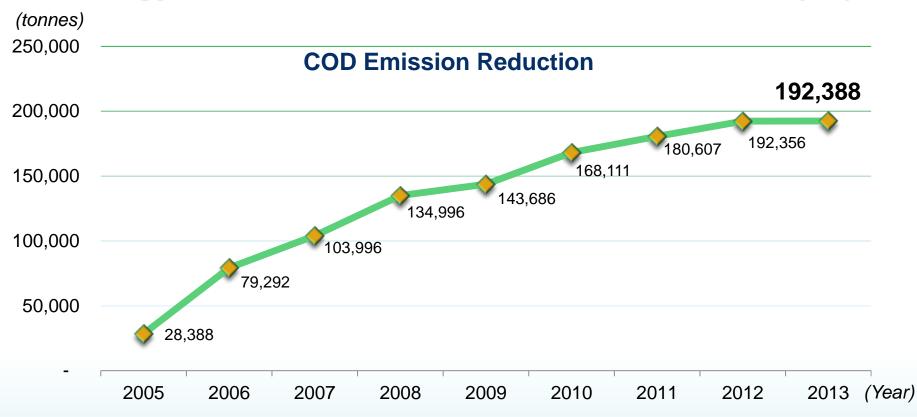
Energy Conservation & Emission Reduction (2)



In 2013, green electricity generated by waste-to-energy, methane-to-energy and biomass power generation projects was 1.553 billion kWh which fulfilled the annual electricity consumption of approximately 1.294 million households. Since the operation of its first environmental protection project in 2005, the accumulated green electricity generation reached 5.178 billion kWh which fulfilled the annual electricity consumption of approximately 4.32 million households.



Energy Conservation & Emission Reduction (3)



♦ In 2013, the Group treated waste water and leachate of 526 million m³ and 923,000 m³ respectively which reduced COD emission of approximately 192,000 tonnes. Since the operation of its first environmental protection project in 2005, the accumulated waste water and leachate treatment volume reached 3.18 billion m³ and 2.64 million m³ respectively and COD emission reduction was approximately 1.22 million tonnes.





Business Overview

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



Environmental Energy (1)

- 11 waste-to-energy projects and 3 industrial and hazardous solid waste treatment projects are in operation
- 15 waste-to-energy projects and 5 hazardous waste treatment projects are under construction or in preparatory stage
- Commanding a total investment of RMB12.866 billion



Environmental Energy (2)

Designed capacity:

- annual household waste processing capacity of 8.23 million tonnes (9.64 million tonnes including phase II projects that have not been activated)
- annual on-grid electricity generation capacity of 2.43 billion kWh
- annual hazardous solid waste incineration processing capacity of 49,000 tonnes, physico-chemical processing capacity of 50,000 tonnes
- annual industrial and hazardous solid waste landfill capacity of 130,000 tonnes



Environmental Water (1)

- 18 waste water treatment and 3 reusable water projects are in operation
- 1 waste water BT project and 1 surface water BT project have been completed and transferred
- 3 waste water treatment projects and 1 reusable water project are under construction or in preparatory stage
- Commanding a total investment of RMB3.661 billion



Environmental Water (2)

- Designed capacity:
 - Annual waste water treatment capacity of 668 million m³
 - Annual reusable water supply of 22.33 million m³



Alternative Energy (1)

- 6 methane-to-energy projects, 8 photovoltaic energy projects, 1 biomass power generation project and 2 waste water source heat pump projects are in operation
- 1 biomass power generation under construction and 4 biomass power generation projects have been secured
- 18 individual projects commanding a total investment of RMB2.855 billion



Alternative Energy (2)

- Designed capacity annual agricultural waste treatment capacity of 1.643 million tonnes and annual electricity generation of 1.167 billion kWh, of which
 - landfill methane-to-energy: 27 million kWh
 - leachate methane-to-energy: 5.25 million kWh
 - sludge methane-to-energy: 7.3 million kWh
 - biomass power generation: 1.092 billion kWh of biomass power generation and 390,000 tonnes of biomass heat
 - photovoltaic energy: 35.51 million kWh



Environmental Protection Industrial Park

- 10 Environmental Protection Industrial Parks
- Commanding a total investment of RMB22 billion



Environmental Equipment Manufacturing

- Equipment Manufacturing Centre commenced operation
 - developed into a new business sector
 - manufacture of grate furnaces, sludge treatment equipment and emission purification equipment etc
 - with large number of orders and reach full production capacity
 - activated expansion to meet future needs
 - started providing consultancy service to government



Environmental Protection Engineering

- National High Tech Enterprise
- Possess the "Main Contractor for Municipal Public Works" License
- Obtained numerous national and provincial golden or silver awards for quality
- 26 projects are under construction or in preparatory stage, commanding a total investment of RMB8.06 billion



Environmental Protection Technology

- National High Tech Enterprise
- Obtained numerous invention and application patents
- Possess numerous significant R&D results
- Continue to strengthen the R&D development
- Continue 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 protection, integrating construction, operation, R&D and equipment manufacturing in the system
- Becoming the world leading player in the green environmental protection and alternative energy industries





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
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	1,000	413
Jinan Waste-to-energy Project	2,000	901
Suqian Waste-to-energy Project	600	324
Suzhou Waste-to-energy Project Phase III	1,500	750
Ningbo Waste-to-energy Project Phase I	1,000	560
Sub-total	10,650	5,132



Environmental Energy (2)

Projects under construction or in preparatory stage:

Project Name	Daily waste processing capacity (tonne)	Total Investment (RMB'mil)
Nanjing Waste-to-energy Project	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
Boluo Waste-to-energy Project Phase I	700	417
Huidong Waste-to-energy Project	600	334
Yixing Waste-to-energy Project Phase II	300	151
Wujiang Waste-to-energy Project	1,500	890
Sub-total	7,000	3,916



Environmental Energy (3)

Projects under construction or in preparatory stage:

Project Name	Daily waste processing capacity (tonnes)	Total Investment (RMB'mil)
Weifang Waste-to-energy Project Phase I	1,000	586
Ningbo Ninghai Waste-to-energy Project Phase I	700	360
Rizhao Waste-to-energy Project Phase I	600	350
Heze Waste-to-energy Project Phase I	600	350
Zhenjiang Waste-to-energy Project Phase II	400	200
Ma'anshan Waste-to-energy Project Phase I	800	450
Yiyang Waste-to-energy Project	800	373
Sub-total	4,900	2,669



Environmental Energy (4)

Industrial solid waste and hazardous waste treatment projects (Operating Projects):

Project Name	Designed Storage Capacity (m³)	Annual Processing Capacity (tonnes)	Total Investment (RMB'mil)
Suzhou Industrial Solid Waste Landfill Project Phase I	142,000	40,000	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
Sub-total	852,000	60,000	217



Environmental Energy (5)

Industrial solid waste and hazardous waste treatment projects (Projects under construction):

Project Name	Designed Storage Capacity (m³)	Annual Processing Capacity (tonnes)	Total Investment (RMB'mil)
Binhai Hazardous Solid Waste Landfill Project	600,000	30,000	186
Guanyun Hazardous Solid Waste Landfill Project Phase I	300,000	20,000	109
Sub-total	900,000	50,000	295



Environmental Energy (6)

Industrial solid waste and hazardous waste treatment projects (Projects in preparatory stage):

Project Name	Designed Storage Capacity (m³)	Annual Processing Capacity (tonnes)	Total Investment (RMB'mil)
Zibo Integrated Hazardous Solid Waste Treatment Project	N/A	Incineration processing capacity: 40,000 Physico-chemical processing capacity: 50,000	400
Shouguang Integrated Hazardous Solid Waste Treatment Project	500,000	20,000	157
Lianyungang Hazardous Waste Treatment Project	N/A	Incineration processing capacity: 9,000 Medical waste treatment capacity: 1,650	80
Sub-total	Solid waste/hazardous waste treatment capacity: 500,000	Incineration processing capacity: 49,000 Physico-chemical processing capacity: 50,000 Solid waste/hazardous waste treatment capacity: 20,000 Medical waste treatment capacity: 1,650	637
Total for Environmental Energy Daily household waste processing capacity: 22,550 tonnes Solid waste/hazardous waste landfill capacity: 2,252,000 m³ (130,000 tonnes/annual) Annual hazardous solid waste incineration processing capacity: 49,000 tonnes Annual physico-chemical processing capacity: 50,000 tonnes Annual medical waste treatment capacity: 1,650 tonnes			12,866 52



Environmental Energy (7)

Expansion projects planned in the concession agreements:

Project Name	Daily waste processing capacity (tonnes)
Ningbo Waste-to-energy Project Phase II	500
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
Ma'anshan Waste-to-energy Project Phase II	400
Total	3,850

53



Environmental Protection Industrial Park

Industrial Park	Investment (RMB)	Expected no. of projects
Suzhou Everbright National Demonstrative Veinous Industrial Park	3.3 billion	>10
Zhenjiang Everbright Environmental Protection Industrial Park	1.5 billion	6 – 8
Suqian Enverbright 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\$2-3billion	>10
Nanjing Everbright Environmental Protection Veinous Industrial Park	4.2 billion	>10
Zhenjiang New District Everbright Environmental Protection Industrial Park	2 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 (m³)	Total investment (RMB 'mil)
Qingdao Waste Water Treatment Project (Maidao Plant & Haibohe Plant 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 project and extension of Phase II project)	60,000	85
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)	100,000	138
Jinan Xike Waste Water Treatment Project (Plant 4)	30,000	73
Sub-total	Daily waste water treatment: 1,300,000	1,933



Environmental Water (2)

Operating Projects:

Project Name	Daily waste water treatment capacity (m³)	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 (4 waste water treatment plants and upgrade projects)	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
Sub-total	Daily waste water treatment: 425,000 Annual reusable water supply: 20,580,000	1,115 5

56



Environmental Water (3)

Transferred Project:

Project Name	Daily treatment capacity (m³)	Total investment (RMB 'mil)
Xinyi BT Project Phase I	Daily waste water treatment capacity 10,000	62
Xinyi Surface Water BT Project	Daily surface water supply 100,000	385
Sub-total	Annual waste water treatment: 3,650,000 Annual surface water supply: 36,500,000	447



Environmental Water (4)

Projects under construction or in preparatory stage:

Project Name	Daily waste water treatment capacity (m³)	Total investment (RMB 'mil)
Zhangqiu Waste Water Treatment Project	30,000	61
Dezhou Nanyunhe Waste Water Treatment Project Phase II	75,000	80
Zibo Reusable Water Project Phase II	annual supply: 1,750,000	11
Ling County Waste Water Treatment Project (Plant 1) Upgrading	unchanged	14
Sub-total	Daily waste water treatment: 105,000 Annual reusable water supply: 1,750,000	166
Total for Environmental Water	Annual waste water treatment: 668,000,000 Annual reusable water supply: 22,330,000	3,661



Alternative Energy (1)

Operating Projects:

Project Name	Average annual electricity generation capacity (kWh)	Total investment (RMB 'mil)
Suzhou Landfill Methane-to-energy Project Phase I	18,000,000	28
Suzhou Landfill Methane-to-energy Project Phase II	9,000,000	13
Qingdao Sludge Methane-to-energy Project	7,300,000	Included in the investment of Qingdao Project
Yixing Leachate Methane-to-energy Project	630,000	Included in the investment of Yixing Project
Changzhou Leachate Methane-to-energy Project	2,730,000	Included in the investment of Changzhou Project
Jiangyin Leachate Methane-to-energy Project	1,890,000	Included in the investment of Jiangyin Project Phase II
Sub-total	39,550,000	41



Alternative Energy (2)

Operating Projects:

Project Name	Average annual electricity generation capacity (kWh)	Total investment (RMB 'mil)
Shenzhen Rooftop Photovoltaic Energy Project	1,480,000	28
Zhenjiang Ground Photovoltaic Energy Project	4,059,000	73
Suqian Rooftop Photovoltaic Energy Project	2,205,000	53
Huaining Ground Photovoltaic Energy Project	2,170,000	51
German Ground Photovoltaic Energy Project	3,612,000	68
Suqian Rooftop Photovoltaic Energy Project Phase II	6,198,000	142
Changzhou Rooftop Photovoltaic Energy Project	4,113,000	79
Zhenjiang Rooftop Photovoltaic Energy Project	11,680,000	236
Dangshan Biomass Power Generation Project	184,000,000	312
Zibo Waste Water Source Heat Pump Project Phase I	Service area: 125,000 m ²	58
Zibo Ceramic Park Heat Pump Project	Service area: 187,000 m ²	93
Sub-total	219,517,000 kWh Service area: 312,000 m ²	1,193



Alternative Energy (3)

Projects under construction or in preparatory stage:

Project Name	Average annual electricity generation capacity (kWh)	Total investment (RMB 'mil)
Hanshan Biomass Power Generation Project	184,000,000	320
Xinyi Biomass Power Generation Project	184,000,000	321
Shuyang Biomass Cogeneration Project	Electricity: 172,250,000 Heat: 390,000 tonnes	340
Linyi Biomass Power Generation Project	184,000,000	320
Laiyang Biomass Power Generation Project	184,000,000	320
Sub-total	Electricity: 908,250,000 Heat: 390,000 tonnes	1,621
Total for Alternative Energy	Electricity: 1,167,317,000 kWh Service area: 312,000 m ² Heat: 390,000 tonnes	2,855



Alternative Energy (4)

Wind Power Projects in preparatory stage:

Project Name	Average annual electricity generation capacity (kWh)	Total investment (RMB 'mil)
Muping Wind Power Project	35,000,000	200
Ningwu Zhaojiashan Wind Power Project	101,000,000	432
Ningwu Changfangshan Wind Power Project	98,000,000	442
Ningwu Tangjiashan Wind Power Project	95,000,000	437
Total	329,000,000	1,511

Note: No investment has been made in any of these wind power projects.



Environmental Equipment Manufacturing

Operating project:

Project Name	Year of Commercial Operation	Total investment (RMB 'mil)
Changzhou Environmental Protection Equipment Manufacturing Centre Phase I	Sept 2012	65
Total		65

Project in preparatory stage:

Project Name	Total investment (RMB 'mil)
Changzhou Environmental Protection Equipment Manufacturing Centre Phase II	122
Total	122