



**CHINA JINJIANG ENVIRONMENT HOLDING COMPANY LIMITED**

中国锦江环境控股有限公司

(Incorporated in the Cayman Islands)

Company Registration Number: 245144

**PRESS RELEASE**

**Driving technological upgrading within the industry and creating a new national engineering benchmark  
Jinjiang Environment's Linzi WTE Facility successfully connects to power grid and commences trial operations**

**(HONG KONG, SINGAPORE, 9 July 2018) – China Jinjiang Environment Holding Company Limited** (“**Jinjiang Environment**” and together with its subsidiaries, the “**Group**”), a leading waste-to-energy (“**WTE**”) operator in the People’s Republic of China (“**PRC**”), is pleased to announce that the WTE facility owned and operated by its wholly-owned subsidiary, Zibo Green Energy New Energy Co., Ltd., (“**Linzi Project**”), has successfully connected to the electricity power grid as at 5:19 am on 6 July 2018 and commenced trial operations. This is the 21<sup>st</sup> WTE facility put into operation by Jinjiang Environment in China and the 4<sup>th</sup> WTE facility put into operation in Shandong Province.

The Linzi project is located in Linzi District, Zibo City, Shandong Province. Established under the BOO model, the facility uses circulating fluidized bed (“**CFB**”) technology to incinerate pre-treated and dried municipal solid waste. It has a designed waste treatment capacity of 2,000 tons/day and an installed electricity generation capacity of 80MW.

The project is the product of an in-depth study of municipal solid waste treatment technology integration equipment developed domestically and overseas. It is fully adapted to the unique characteristics of China's municipal waste, while applying German RW technology for dry sorting, using a Finnish Valmet high temperature and high pressure CFB and a Siemens steam turbine, adopting other advanced European technologies as well as more than ten core technology patents of Jinjiang Environment. It is the first high temperature and high pressure CFB incinerator in China. The project implements the integrated technology

of “bio-drying + mechanical sorting + high-temperature and high-pressure CFB incineration boiler + flue gas treatment + leachate treatment + ash treatment” to optimise the waste incineration process, improve environmental protection and create a national benchmark in the WTE process. Bio-drying and mechanical sorting technology (MBT) are used to produce SRF (Solid Recovered Fuels), which is a clean, homogeneous, high calorific value solid recovery fuel, produced to improve the efficiency of the WTE process and to help the flue gas emissions meet the current EU emission standards. Through the implementation of the engineering practice of using high temperature and high pressure CFB furnaces, the company hones its core technology which can achieve full automation while improving steam parameters, thermal efficiency, waste treatment capacity and environmental performance. No auxiliary fuel is mixed with the fuel used in this project.

The operation of the Linzi project will bring considerable environmental protection and energy saving benefits while solving the problem of domestic waste in Linzi and nearby areas. Upon being operational, it is able to achieve annual standard coal savings of over 257,000 tons and carbon emission reduction of up to 178,000 tons, providing formidable support to Zibo City in achieving their goal of reducing waste, turning waste into a resource and eliminating its toxicity. As such, this project has obtained strong support from the Zibo Municipal Government, which has implemented supportive measures and constructed transportation equipment to support and meet the requirements of waste collection and transportation.

**Ms. Wang Yuanluo, Non-Executive, Non-Independent Chairman of Jinjiang Environment, said:** “With the commencement of operation of the Linzi Project, the total daily waste treatment capacity of Jinjiang Environment's operational WTE facilities in China will exceed 30,000 tons, bringing the Group's domestic business and technological development to a new level. Over a period of 20 years, Jinjiang Environment has developed a complete set of systematic CFB processing systems integration technology. Moreover, as a benchmark project for domestic SRF technology, the fuel preparation and high-parameter and large-capacity energy conversion technology used in the Linzi Project effectively fills gaps within current domestic technologies. As a leader in the WTE industry, Jinjiang Environment is collaborating with Zhejiang University and the Guangzhou Institute of Energy Research, China's Academy of Sciences, to compile SRF standards and lead in the continued upgrading of the CFB waste incineration technology. The Group is taking the cue from China's “One Belt One Road” initiative and expanding its footprint domestically and abroad along this strategy. In the future, it will actively adapt advanced technologies from EU countries, improve standardisation and standards of domestic waste treatment technology, as well as promote it within China, Asia, South America and other markets along the “One Belt One Road” region to

help local communities effectively deal with municipal solid waste, further solidifying Jinjiang Environment's leading position in the domestic and overseas markets."

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## **ABOUT JINJIANG ENVIRONMENT**

Established in 1998, Jinjiang Environment (中国锦江环境控股有限公司) is the first private WTE operator in the PRC and continues to be the leading WTE operator in the PRC with the largest waste treatment capacity in operation. The Group's business primarily focuses on the planning, development, construction, operation and management of WTE facilities in the PRC. It operates 21 WTE facilities in 12 provinces, autonomous regions and centrally-administered municipalities in the PRC, and has an additional (i) two WTE facilities under construction and (ii) 21 WTE facilities in the preparatory stage. The facilities in operation have a total installed waste treatment capacity of 30,980 tons/day. The estimated total installed waste treatment capacity of all the WTE facilities, when fully completed and acquired (including expansion and upgrading), will be approximately 66,086 tons/day (including the proposed WTE project in Barueri, São Paulo, Brazil and the WTE facility in Palembang, Indonesia).

## **Issued for and on behalf of China Jinjiang Environment Holding Company Limited**

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