

# 国家级浏阳经济技术开发区

LIUYANG NATIONAL ECONOMIC & TECHNICAL DEVELOPMENT  
ZONE



浏阳经济技术开发区管委会

Management Committee of Liuyang National Economic &  
Technical Development Zone (LETZ)

2018.10



## 园区概况 Profile





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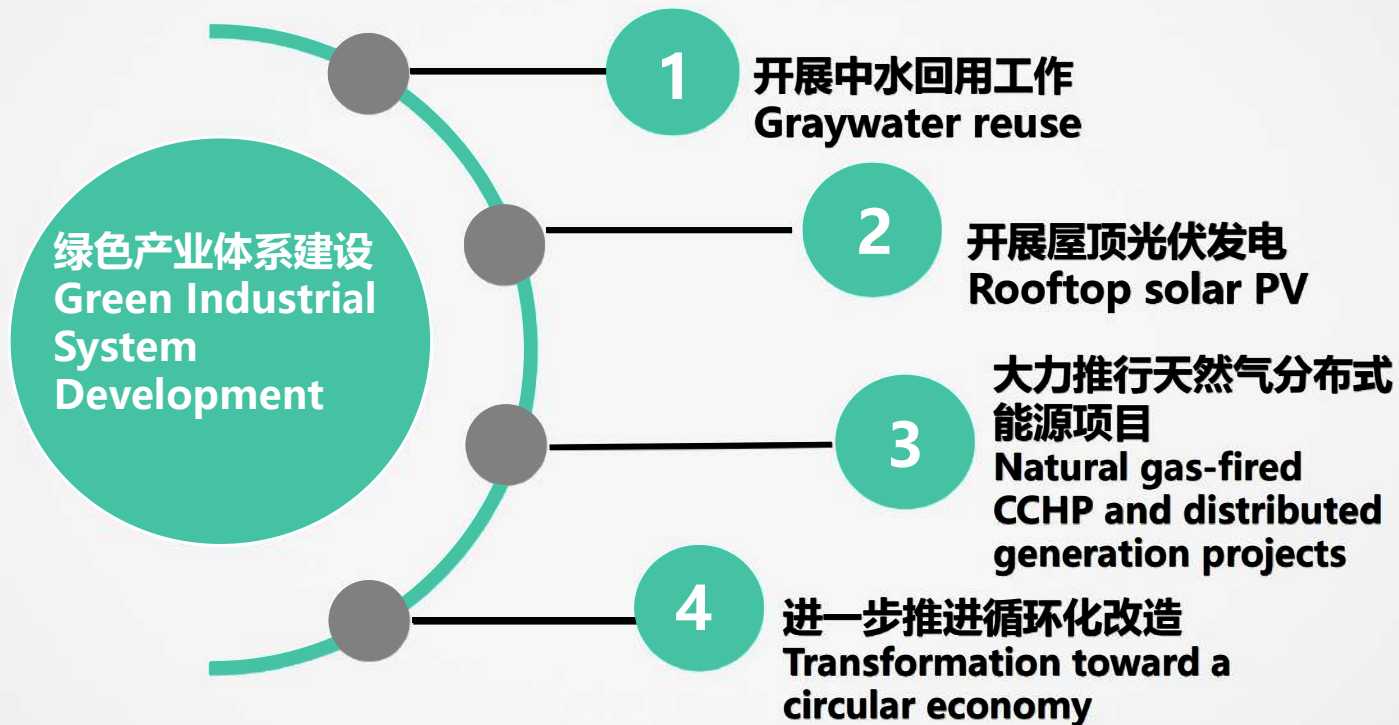
各类注册企业**870**余家，规模工业企业**107**家，上市企业**4**家

2017年全年规模工业总产值达**1200**亿元

More than **870** registered companies, **107** enterprises above designated size, **4** listed companies.  
In 2017, gross industrial output value of enterprises above designated size reached **120** billion yuan.



## 绿色产业体系建设Green Industrial System Development





## 中水回用工作 Graywater Reuse



**投入5000万  
元**  
50 million  
RMB input



**节约用水量  
1.5万吨/天**  
Water saving:  
15,000  
tons/day



**节约成本  
3万元/天**  
Cost saving:  
30,000  
yuan/day



## 中水回用工作 Graywater Reuse

浏经  
水务



投入800余万元  
Over 8  
million RMB  
input



建设规模  
1万吨/天  
Project scale:  
10,000  
tons/day



再生水定价  
0.8元/吨  
Reclaimed  
water pricing:  
0.8 yuan/ton



## 屋顶光伏发电 Rooftop Solar PV



永清环保  
Yonker Environmental  
Protection



长沙e中心  
Changsha e-Center



我区在永清环保公司、长沙e中心、自来水加压泵站等建筑物屋顶建有近**20兆瓦**的光伏发电设施，年发电量可达**1.8万度**  
Nearly **20 MW** of PV power generation facilities have been installed on the building rooftops of Yonker, Changsha e-Center, and Water Pumping Station. The design annual power generation capacity is **18,000 kWh**.



## 天然气分布式能源项目

## Natural Gas-fired CCHP and Distributed Generation Projects



新奥热力公司投资**3亿元**，建设**17.05兆瓦**湖南省工业园区首家天然气分布式能源项目。项目主要为园区**65家**医药企业和食品企业实行集中供热。

ENN Thermal Energy Company invested **RMB 300 million** to build a **17.05 MW** natural gas-fired CCHP and distributed generation project, first ever in Hunan's industrial zones and parks. The project is designed to provide centralized heating for **65** pharmaceutical enterprises and food enterprises in LETZ.

协鑫集团拟投资**20亿元**，在我区北园建设**140兆瓦**天然气分布式能源项目。  
GCL Group plans to invest **RMB 2 billion** to build a **140 MW** natural gas-fired CCHP and distributed generation project in the North Zone Area of LETZ.





## 循环化改造Transformation toward a Circular Economy



**华纳大药厂**-国内第一套智能自动化药渣综合回收利用系统，将中药生产后的废弃药渣，自动处理成为生物质燃料，生物质燃烧所产生的蒸汽热能被再次循环利用，以满足生产所需

**Hunan Warrant Pharmaceutical** – with the first intelligent automated system in China that converts the medicinal herbal residues into biomass fuel, where the steam heat generated during biomass combustion is recycled for production.



## 循环化改造 Transformation toward a Circular Economy



**豫园生物**—一家研发、生产、销售微生物肥料产品规模最大的生物肥料公司，生产微生物肥料可解决农业废弃物，变废为宝，充分利用资源,促进农村循环经济发展。

**Yuyuan Bio**--a bio-fertilizer company engaged in the R&D, production and sales of microbial fertilizer products, which can turn agricultural waste into bio-resources, thereby promoting the development of rural circular economy.



## 循环化改造 Transformation toward a Circular Economy



**京港助剂公司**-在生产过程中，可产生**1兆帕饱和蒸汽36吨/天**。搬迁至集中供热公司---新奥热力公司旁边，直接将蒸汽输入到蒸汽主管道，供给其他企业使用。项目投用后，蒸汽得到充分利用，产生经济效益达**5万元/天**。

**Kingang Chemical Industry Co., Ltd.**- after the relocation of its plant next to the central heating supplier, ENN Thermal Energy, the **36 tons/day of 1 MPa saturated steam** generated in the production process will be directly routed to the ENN main steam pipeline for other companies to use. The project is expected to generate a revenue of **50,000 yuan/day** after putting into use.



谢 谢 大 家!

Thank You!