

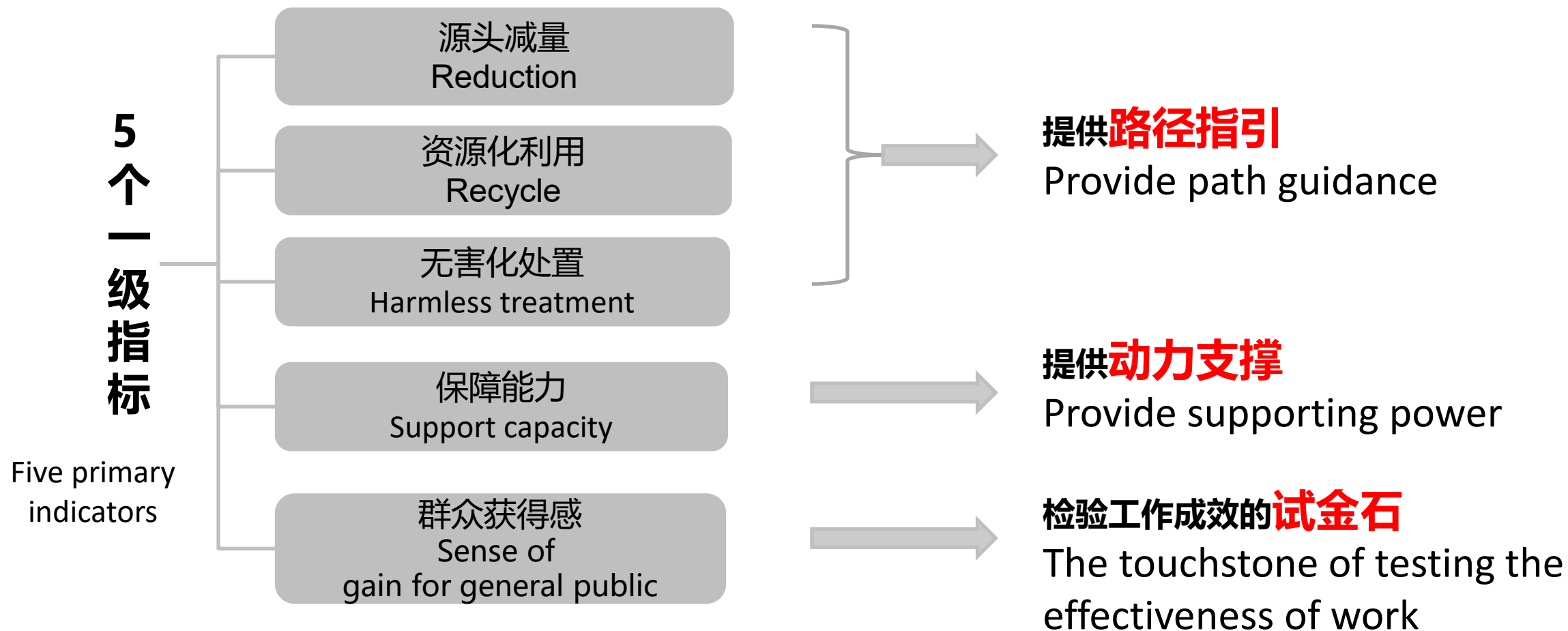
What is a “zero-waste city”?

Zero-waste City refers to an urban development model that aims at **reducing generation, promoting utilization of solid waste, reducing landfill** and minimizing the environmental impact of solid waste by promoting green development and green lifestyles.

Zero-waste 

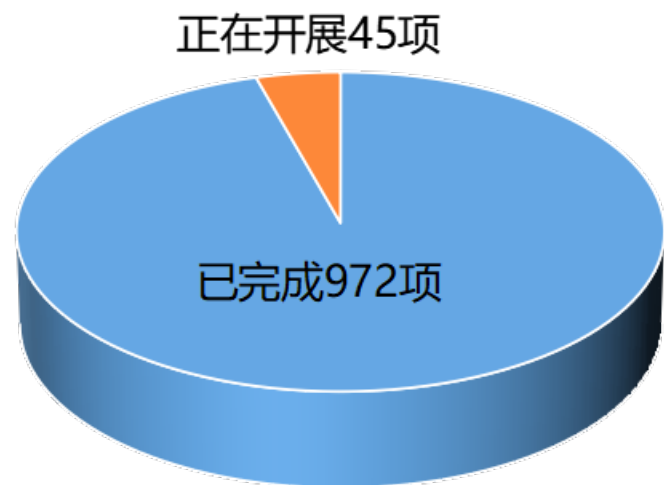
- The amount of solid waste is zero.
- Solid waste is fully utilized.

Index System of Zero-waste City Construction

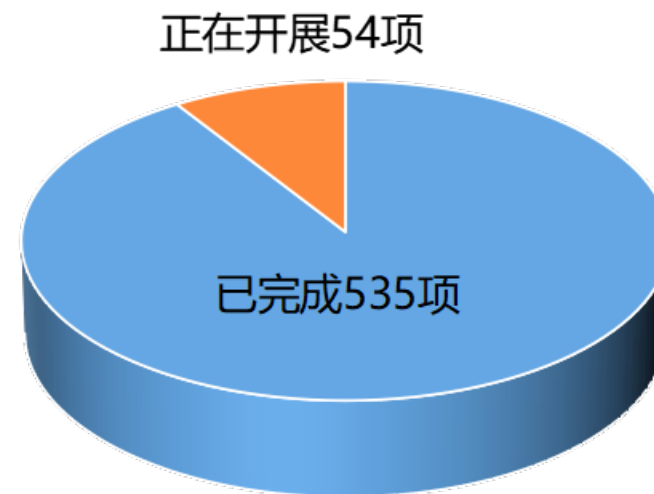


Achievements of Pilot Program

By the end of 2021



制度、技术、市场、监管体系建设任务完成情况
Completion of Institutional, technology,
market and supervision system construction

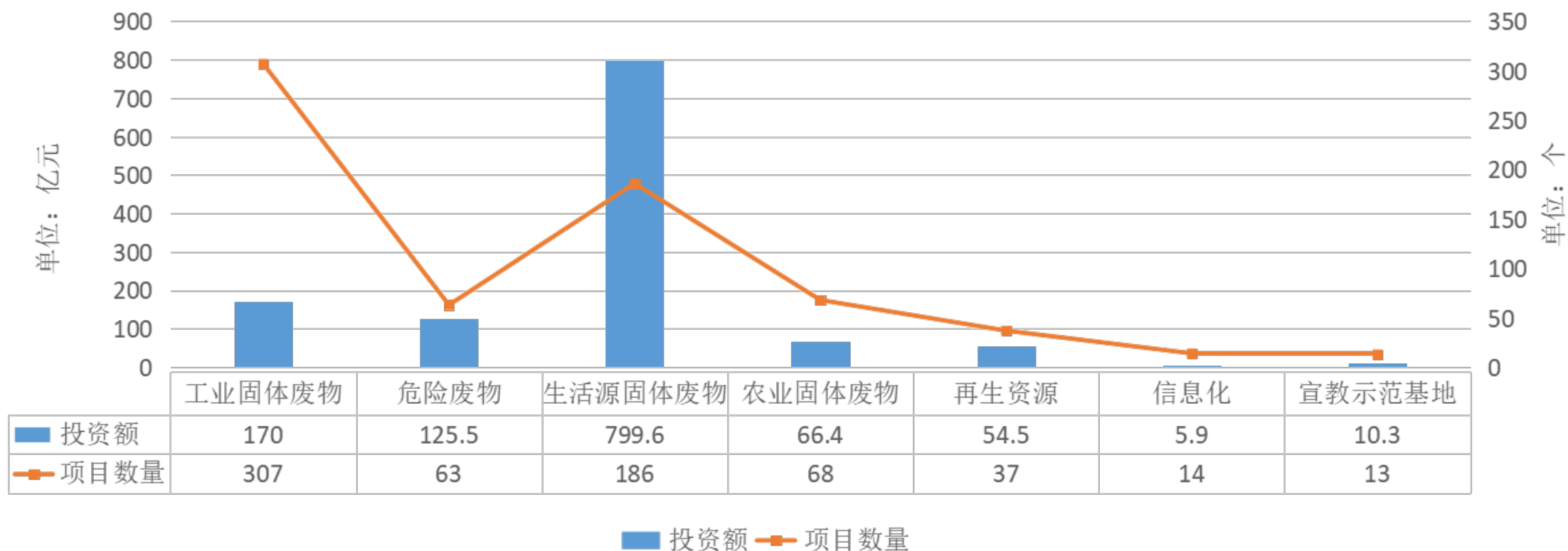


固体废物利用处置工程项目完成情况
Completion of solid waste utilization
and disposal project

Achievements of Pilot Program

各类固体废物利用处置工程项目投资分布情况

Investment distribution of various solid waste utilization and disposal projects



Achievements of Pilot Program

深圳市建成盐田等5个能源生态园，实现趋零填埋，化“邻避”为“邻利”。

Shenzhen City have built Yantian and other five energy ecological parks, turning "Not in my backyard" into "benefit by my backyard"

- 模式创新：企业社区共建模式
- 解决问题：土地资源紧缺、**邻避问题突出**，垃圾处理等环保设施规划建设落地难
- 设施建设：环境友好型星级酒店景观设计，建设登山道、游泳馆和科普教育基地和体验馆
- 排放标准：执行全球最严烟气排放标准



深圳盐田能源生态园

Achievements of Pilot Program

Formed a number of replicable and popularizable demonstration models

97 reform measures, experience and practices, including

•工业固体废物贮存处置趋零增长

Promote zero growth in the storage and disposal of industrial solid waste

•农业废弃物全量利用

Full recycle of major agricultural wastes

•建筑垃圾源头减量和资源化利用

Construction waste reduction and recycle

•生活垃圾分类和资源化利用

•Domestic waste sorting and recycle

•危险废物安全管控

The comprehensive safety management of hazardous wastes

•信息化管理

•Information management

•市场培育

•Market cultivating

•无废文化

•Zero-waste culture



Achievements of Pilot Program

Cultivate a batch of Zero-waste Cells

试点城市培育各类“无废细胞”7200余个。

More than 7,200 Zero-waste Cells of various types were cultivated in the pilot cities

- Improve the awareness and public participation of Zero-waste City and create a good social atmosphere.

雄安新区率先编制“无废城市”教材。

Xiongan New Area was the first to compile Zero-waste City textbooks

- Incorporated into the 15 year education system and implanted Zero-waste Gene



Objective of Zero-waste City construction during the 14th Five Year Plan Period

By 2025,

- 固体废物产生强度较快下降

The intensity of solid waste production decreased rapidly

- 综合利用水平和比例大幅提升

The level and proportion of comprehensive utilization have been greatly improved

- 区域处置设施缺口基本补齐

The gap in regional disposal facilities has been basically filled

- 减污降碳协同增效作用明显

Obvious synergistic effect of reducing pollution and carbon

- 基本实现固体废物管理信息“一张网” Basically realize the One Network of solid waste management information

- “无废”理念得到广泛认同

The concept of Zero-waste is widely recognized

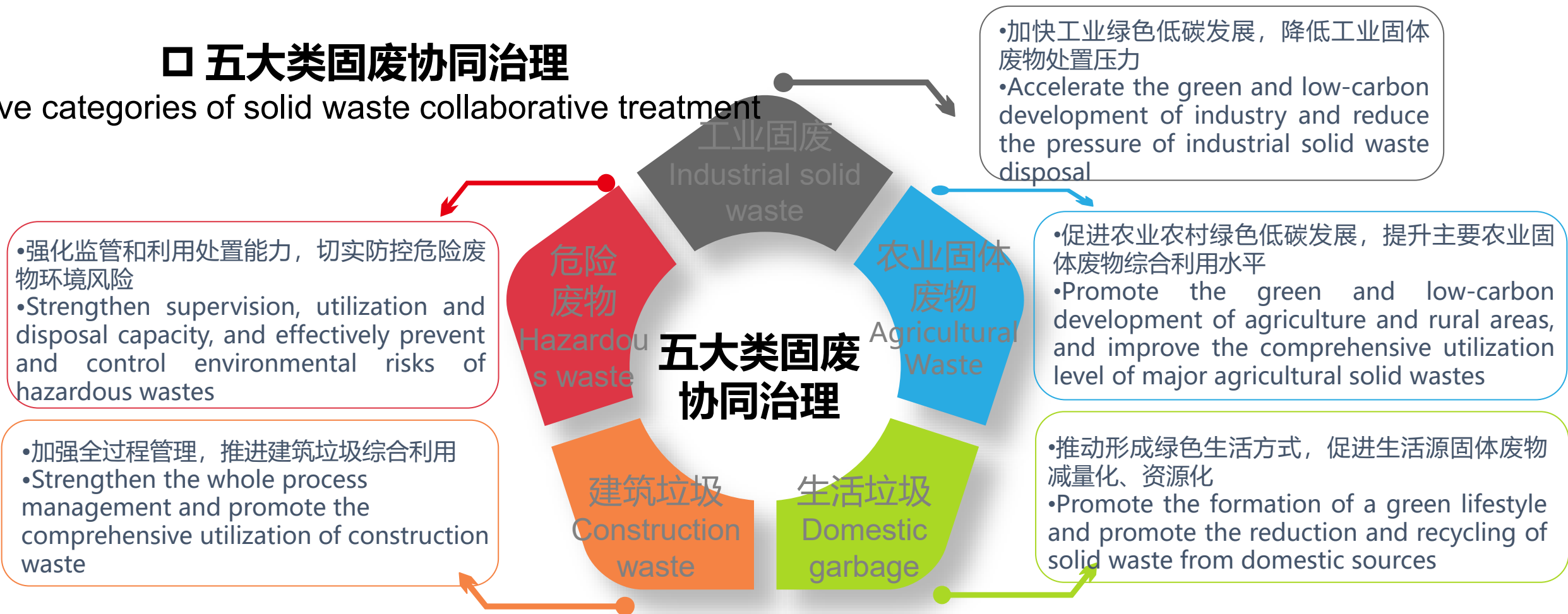
- 固体废物治理体系和治理能力得到明显提升

The solid waste treatment system and capacity have been significantly improved

Main tasks of Zero-waste City construction during the 14th Five Year Plan Period

五大类固废协同治理

Five categories of solid waste collaborative treatment



The construction of “zero-waste cities” is a long-term process which requires arduous efforts

- ◆ Ideological understanding
- ◆ How to get the support of the main person in charge of the government
- ◆ Foundation and joint efforts of work
- ◆ Use and financing of funds
- ◆ Institutional innovation

