

The Road to the Development of Circular Economy ——Jieshou Model



Jieshou Municipal People's Government
March 2019

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Uptrend of 10-year Circular Economy Development of Jieshou and the Resulting Four Benefits

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Misunderstanding about the Circular Economy Development and Successful Practices by Jieshou

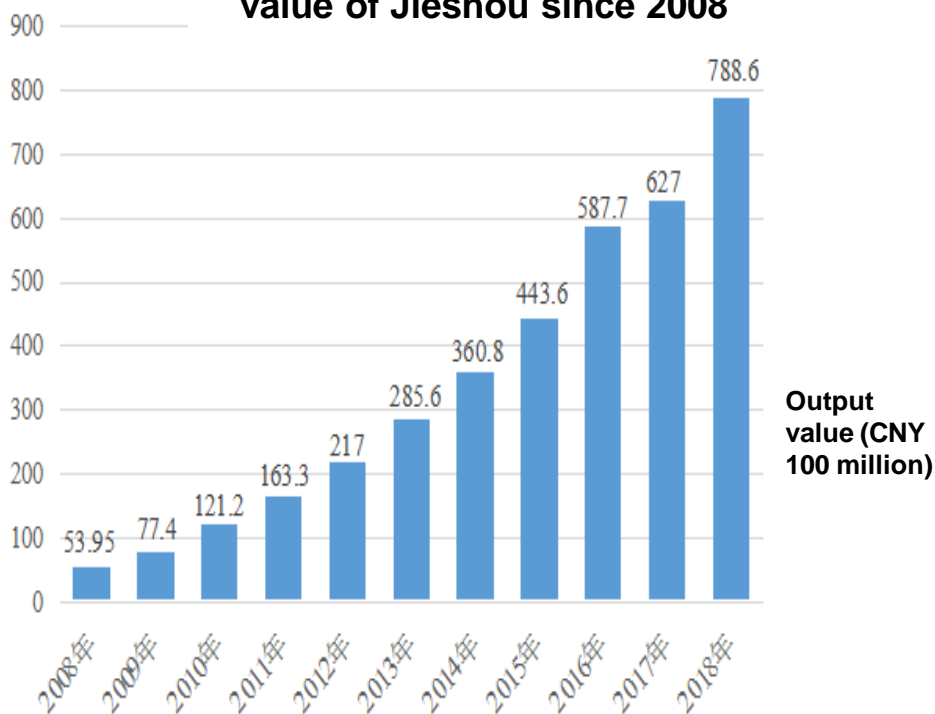
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Key Factors of Practices by Jieshou in Circular Economy Development

10-year achievements of Jieshou in industrial economy

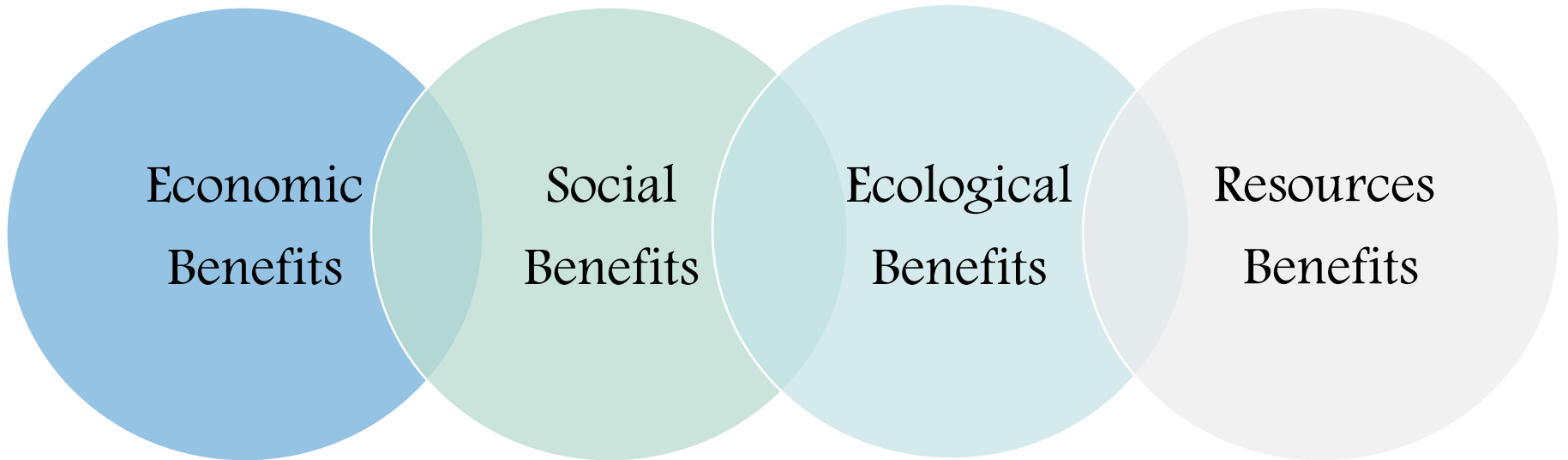
Changes in the industrial output value of Jieshou since 2008



- In 2018, the gross regional product (GRP) of Jieshou was CNY **21.6 billion**, with a year-on-year growth of **11.1%**.
- The gross industrial output value above the designated size was CNY **78.86 billion** with added value of CNY **16.16 billion** and a year-on-year growth of **13.9%**. The gross value and the growing rate respectively ranked **8th** and **4th** in the whole province.
- The output value of high-tech industry was CNY **45.28 billion** with a year-on-year growth of **30.5%**.
- The output value of strategic emerging industry was CNY **31.73 billion** with a year-on-year growth of **25.6%**.



Four Benefits



Four Benefits

Economic Benefits

- In recent years, the circular economy industry of Jieshou has maintained a rapid growth with annual average output value and tax revenue increased by **more than 40%**. The rate of contribution of the circular economy industry to the industry of Jieshou is always **above 70%**.
- In 2018, the output value of the circular economy industry of Jieshou was CNY **61.57 billion**, and the tax expenses amounted to CNY **1.85 billion**, which were respectively **34 times** and **26 times** those at the beginning of the establishment of the industrial park. The circular economy industry of Jieshou plays an exemplary role in the development of resource recycling industry.

Four Benefits

Social Benefits

- Thanks to the circular economy industry of Jieshou, **more than 40,000 families** have achieved prosperity, the rural per capita net income in Jieshou has increased by **more than 10%**, and many multi-millionaires and enterprises worth of at least CNY 10 billion appear.
- Moreover, the circular economy industry has promoted the development of commerce and trade, information and communication and other related industries.
- Furthermore, a host of caring entrepreneurs who are enthusiastic in public welfare take an active part in the activities such as “hundreds of enterprises assisting hundreds of villages” and “caring leftover children”, and create a favorable atmosphere of “**small city, big love**” in the whole city.

Four Benefits

Ecological Benefits

- **100 million** used and scrapped batteries can be recycled annually, reducing land occupation and pollution by about **3,000 sq. km.**
- **1.8 million-ton** waste plastics can be recycled every year, reducing occupation and pollution by **more than 800 sq. km.**
- Without the resource recycling industry of Jieshou, every lead accumulator will become an actual pollution source. Waster plastics cannot be degraded in one hundred years by means of accumulation and landfill, as a result of which point pollution and flake pollution can be found everywhere.

Four Benefits

Resources Benefits

- The secondary lead recycling industry can recycle, process and utilize **450,000 tons** of waste lead storage battery and smelt about **330,000 tons** of secondary lead every year, which equals the construction of **10 fewer large lead ore companies**.
- The reprocessed plastic recycling industry can recycle, process and utilize **800,000 tons** of reprocessed plastic materials and save **3.6 million tons** of petroleum each year, which equals the construction of **three fewer medium-seize chemical plants**.
- The secondary copper and aluminum recycling industry can produce **200,000 tons** of secondary copper and aluminum each year, which help save more than **10 million tons** of copper and aluminum ore.

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Key Factors of Practices by Jieshou in Circular Economy Development

The development of circular economy will inevitably pollute the environment.

Circular economy is a low-end industry.

The scale of circular economy is not economical

Normative enterprises are not profitable.

Misunderstanding about circular economy

Misunderstanding



Practice



Achievements

Circular economy is a low-end industry.

Firstly, strengthen enforcement of the laws about environmental protection, and close small-sized, scattered and polluting enterprises.

Secondly, initiate the cleaner production, and encourage enterprises to invest more in technological transformation.

Thirdly, develop the circular economy based on the ecological industry concept, and create the “Kalundborg” in P.R. China.

Promoting the industrial level, extending the industrial chain and optimizing the industrial structure help the transformation of circular economy of Jieshou from quantitative change to qualitative change step by step. Driven by the innovation and development of circular economy, the strategic objective of “creating four key zones simultaneously” proposed by Jieshou has made a dent.



Misunderstanding



Practice



Achievements

The development of circular economy will inevitably pollute the environment.

Firstly, encourage the close industry-university-research cooperation, and embark on the path of innovative development.

Secondly, encourage the industry-chain development, and create a base for development of strategic emerging industry cluster.

Thirdly, encourage the integration of IT application with industrialization, and positively respond to the "Made in P.R. China 2025" plan.



The development of circular economy **does not mean** pollution of the environment.

Firstly, effectively control the key pollutant emission.

Secondly, receive recognition from environmental supervision department and other competent authorities.

Thirdly, people in the surrounding regions accept the industrial development gradually.

Misunderstanding

The scale of circular economy is not economical.

Practice

Firstly, collectivized operation.

Secondly, scale development.

Thirdly, branding promotion.

Achievements

Firstly, substantial industry contribution.

Secondly, more rapid and stable development of enterprises.



Misunderstanding

Normative enterprises are not profitable.

Practice

Firstly, regularize the enterprise financial behaviors, ensuring that enterprises have no worries about the tax refund of renewable resources.

Secondly, regularize the industry access, and don't provide an opportunity that can be exploited to the advantage of any opportunistic enterprise.

Thirdly, positively participate in the formulation of standards, and standardize the development of enterprises by means of more stringent requirements.

Achievements

Firstly, the more normative an enterprise is, the more valuable the enterprise will be.

Secondly, the more normative an enterprise is, the more profitable the enterprise will be.

Thirdly, the more normative an enterprise is, the more preferential policies the enterprise will enjoy.



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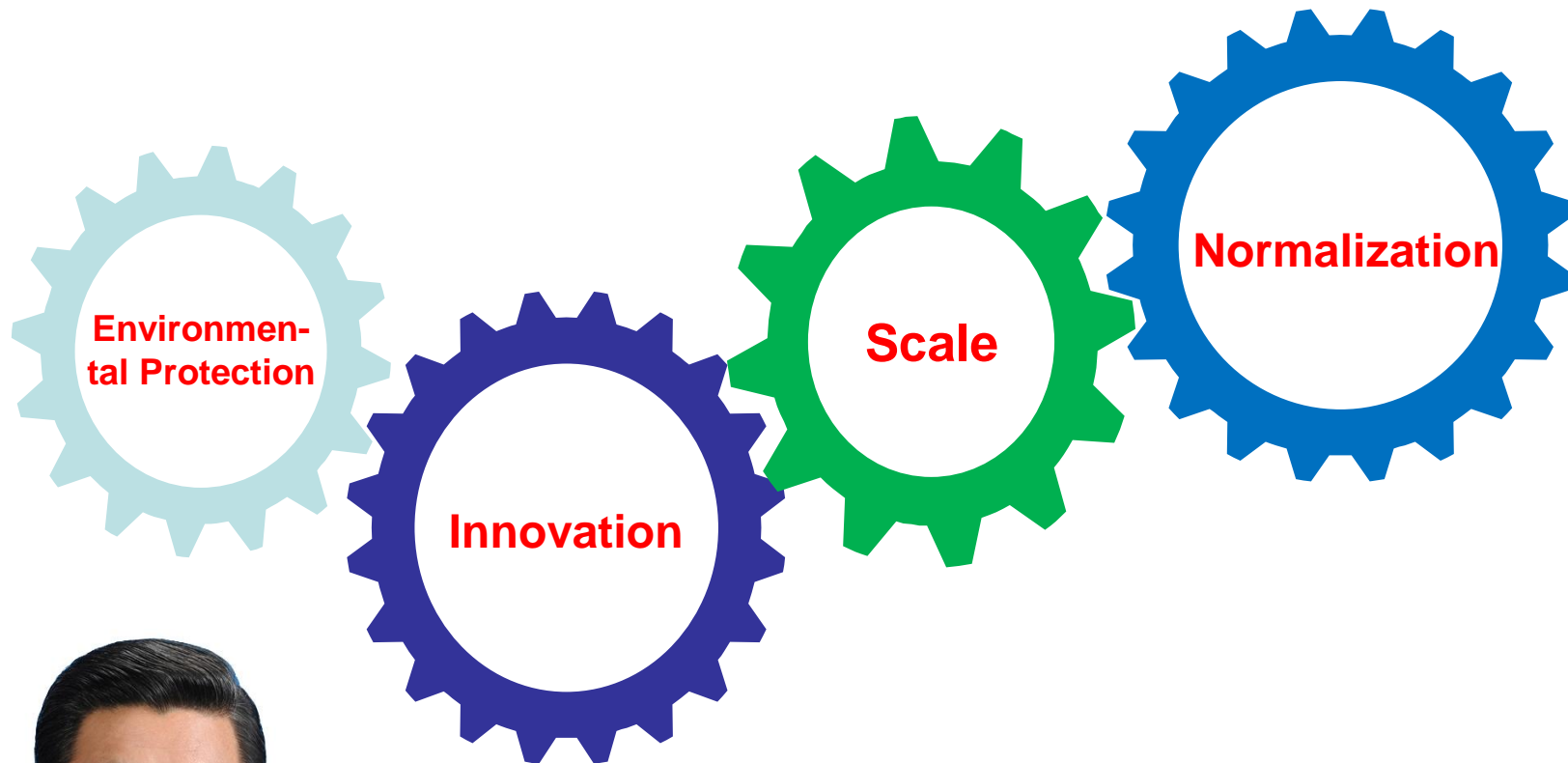
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Key Factors of Practices by Jieshou in Circular Economy Development

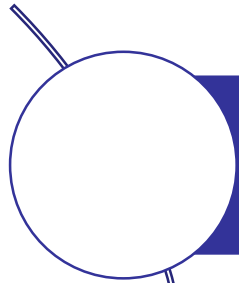
Four Success Factors



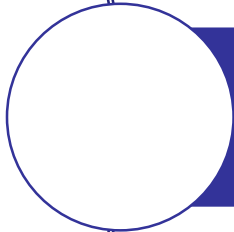
Waste recycling is a sunrise industry. Garbage is misplaced resources. It is an art to recycle and make use of garbage.



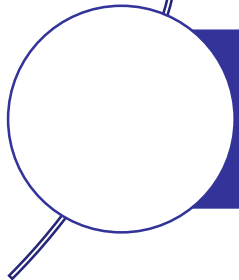
Environmental Protection



Circular economy is an industry which can address environmental pollution problems.



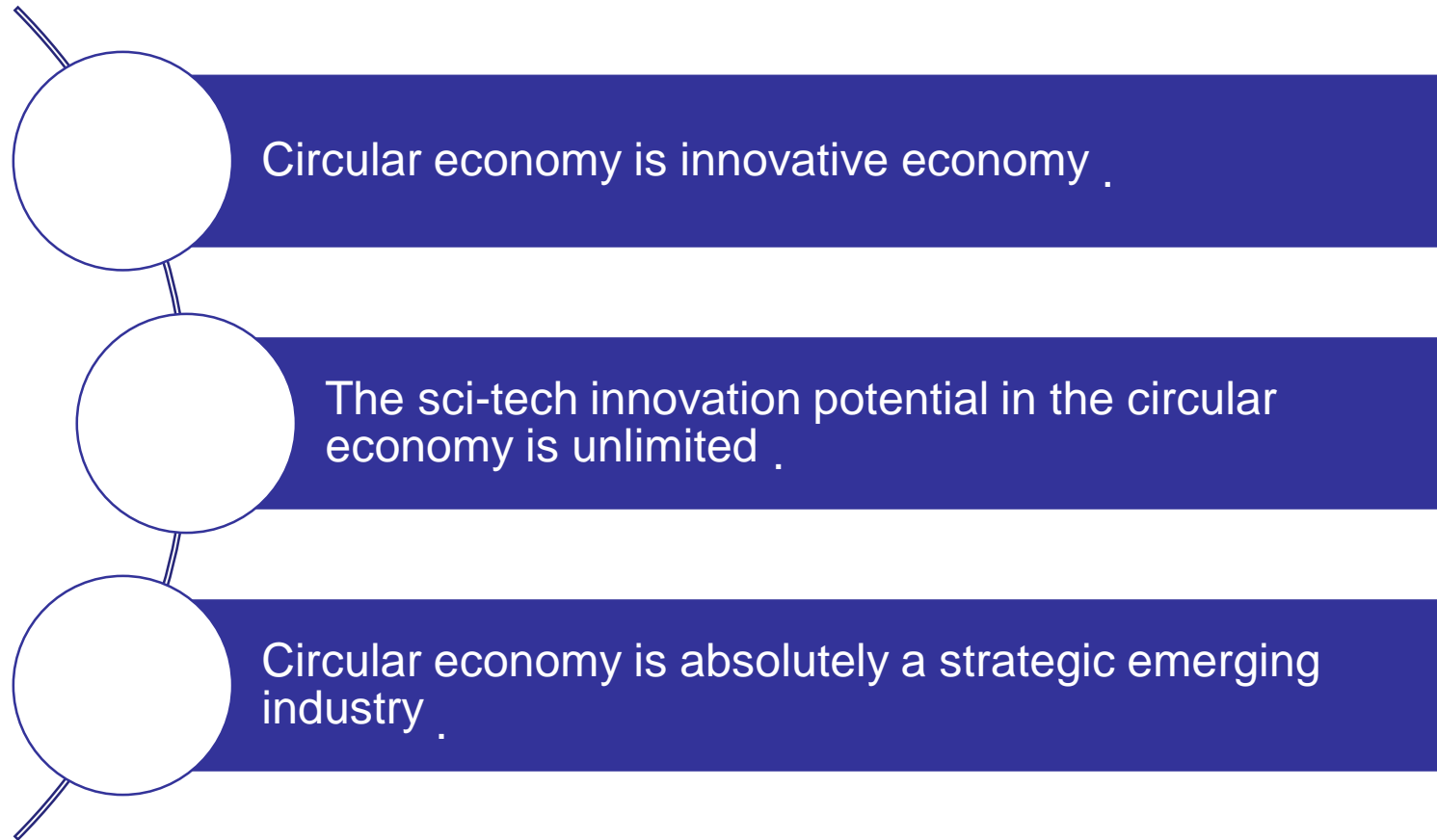
Environment protection must be put on the top of agenda during the development of circular economy.



The development of circular economy can totally control the impacts on environment within the limit specified by national regulations and rules.

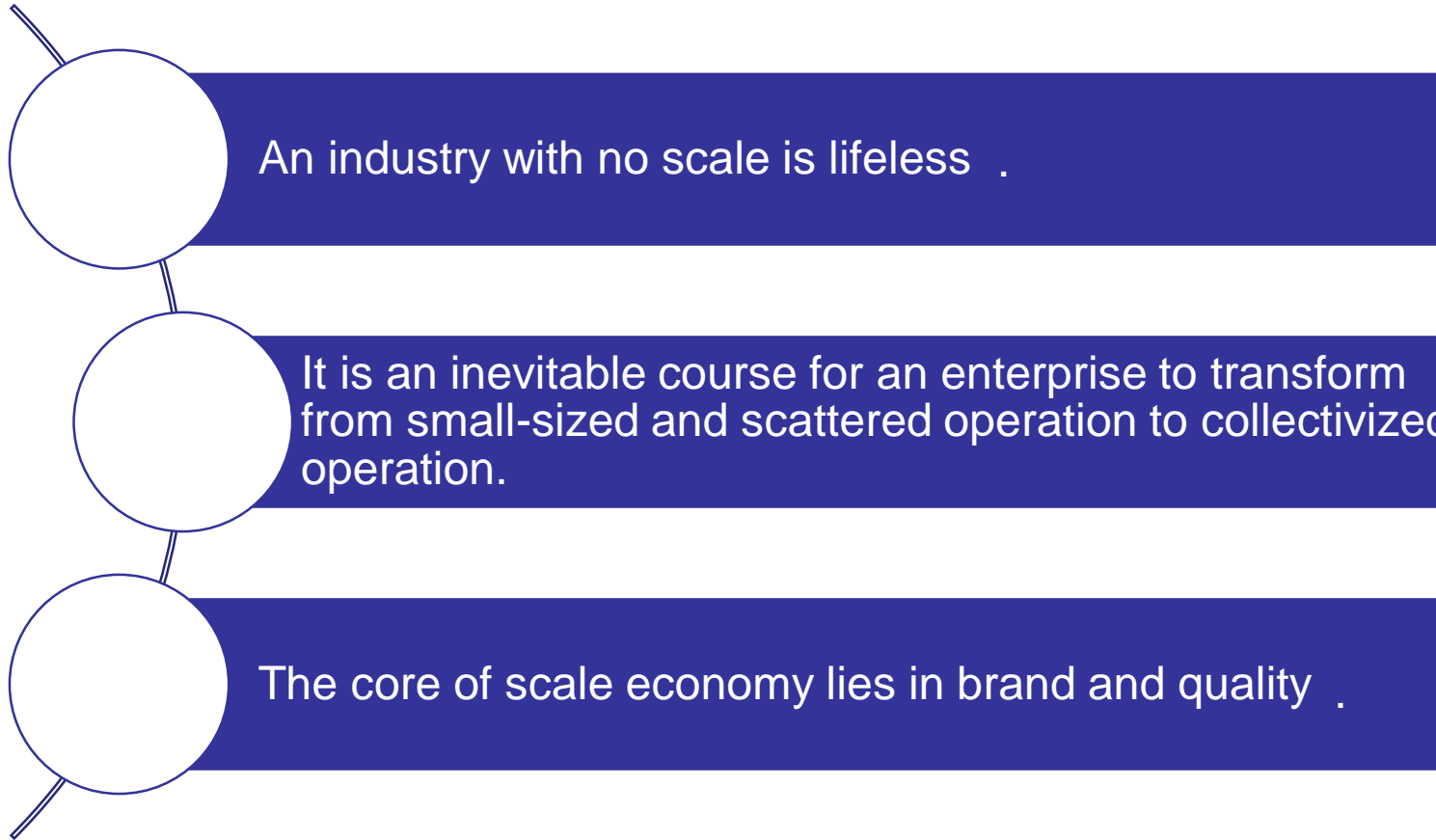


Innovation



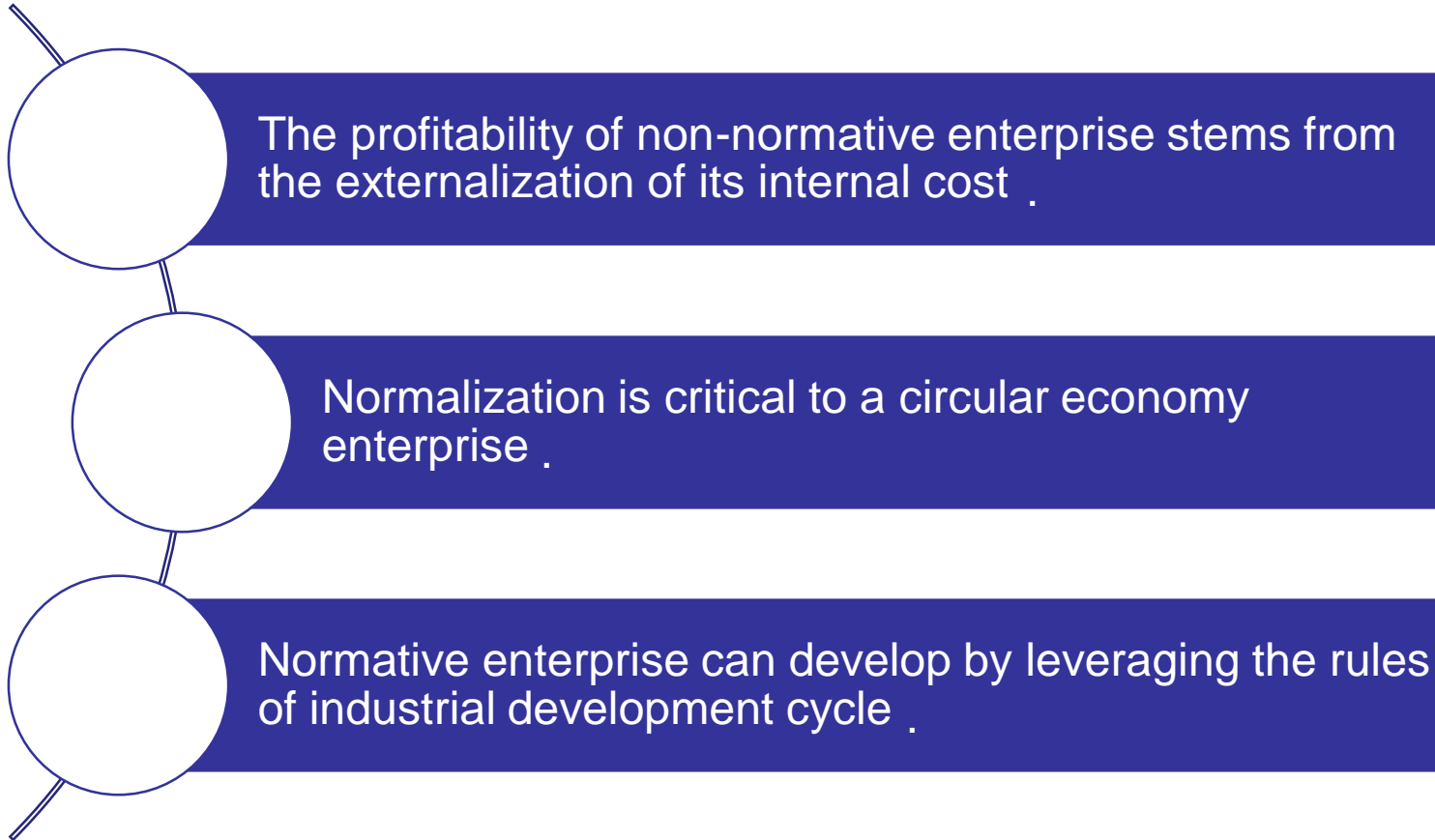


Scale





Normalization



Insist on green development, and create the “Kalundborg” in P.R.
China.



Thank You!