

SIEMENS

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“Lead and Exceed”

Shenzhen Int’l Low-carbon City
towards Sustainability

Siemens Cities Center of Competence Asia

“Lead and Exceed” – Shenzhen Int’l Low-carbon City towards Sustainability

Focusing on technology deployment and industry upgrading, SILC is highly capable of achieving the target of carbon emission intensity and carbon emission per capital, leading the low-carbon development of Chinese cities.

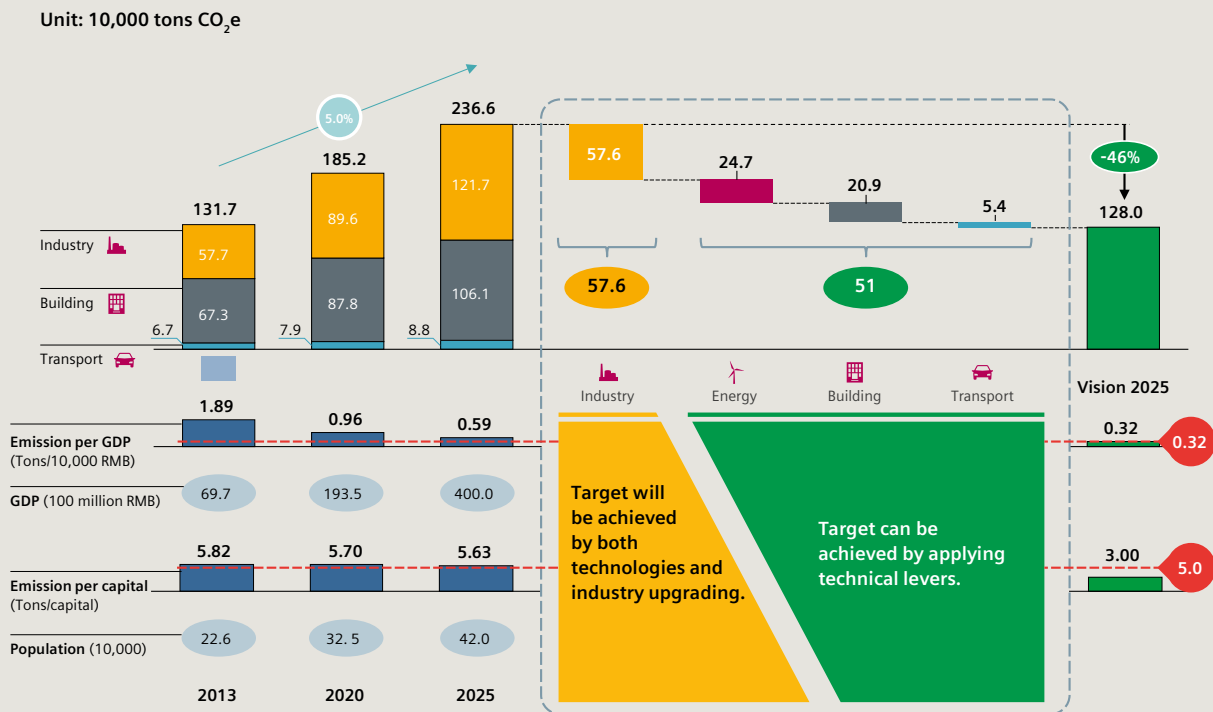


Figure 1: Low-carbon development roadmap for SILC

Action Plan

By applying the City Performance Tool developed by its global network, Siemens Cities CoC Asia supports Shenzhen International Low-carbon City (SILC) to further clarify the concrete implementation plan for its low-carbon development target. Focusing on technology deployment and industry upgrading, SILC is highly capable of achieving the target of carbon emission intensity (0.32 tons/10,000 RMB) and carbon emission per capital (5 tons/capital), leading the low-carbon development of Chinese cities.

- **Energy:** Develop efficient distributed energy network managed by micro grid;
- **Building:** Fully leverage available intelligent building and wall insulation technologies;
- **Transportation:** Accelerate development of public rail transit and e-car operation management;
- **Industry:** Improve energy efficiency in existing plants and industrial upgrading through defining clear investment criteria.