

Introduction of Guangzhou and Panyu District

Guangzhou
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Guangzhou Context

- Population: 18+ million in 2022
- GDP: US\$ 400+ billion in 2022



Panyu District Context

- Founded in 214 BC, one of the origin on the “Maritime Silk Road” .



landscape integrate city: Diverse landscapes integrate high quality urban economic development



- **Panyu District:**

530 km²

Over 50% Area of Natural and Rural Area

2 Vibrant Sub Centers

Plannings and Actions

Sustainable Urban Cooling

- ✓ In 2020, Guangzhou was selected as the first pilot city to carry out the "China Sustainable Urban Cooling Project".
- ✓ **1** Urban Cooling Strategy & Guidelines
- ✓ Build a "**6**-main and multi-level" ventilation corridor system.
- ✓ **1** Wind corridor guiding plan for the Pearl River banks.
- ✓ **3** Pilot projects.

Restored Biodiversity

- ✓ **9** important ecological areas.
- ✓ **5000**km ecological corridors.
- ✓ **6** ecological green cores.
- ✓ Bird species increased from **40** to over **180**.
- ✓ Insect species increased from **66** to **285**.
- ✓ **15** bird habitats and **3** bird migration paths.
- ✓ **16** fishways.

Green Networks

- ✓ $\geq 2/3$ Ecological and agricultural space .
- ✓ **4000**km greenway system.
- ✓ **2000**km waterways system.
- ✓ **180**km urban green ring, Connecting **16** suburb parks.
- ✓ **70** Nature Parks
- ✓ **10** Special plant display gardens.
- ✓ **200** ecological education spots.
- ✓ **5** Nature Reserves.
- ✓ **1** National Botanical Garden System.

Futtrue Goals

Guangzhou Joined the Urban Nature Program' s Lighthouse Cities Network



Work
programme

Adhere to the harmonious coexistence of man and nature in urban planning and construction

Implementation
path

**Ecological
conservation
priorities**

**Nature assets
transformation**

**People-
centered
development**

**Eco-friendly
regeneration**



Opportunities and Challenges

Opportunities

- Creating the Guangzhou Model for the Beautiful China initiative
- Carbon Peaking and Carbon Neutrality Policy
- Sustainable cooling pilot projects

Challenges

- How to adapt to the climate change and ecological degradation caused by urban expansion.
- How to implement various planning measures in megacities, in order to achieve a harmonious coexistence between man and nature.
- How to make full use of finance and policy tools, and market mechanism to turn ecological advantages into development advantages

Thank You!