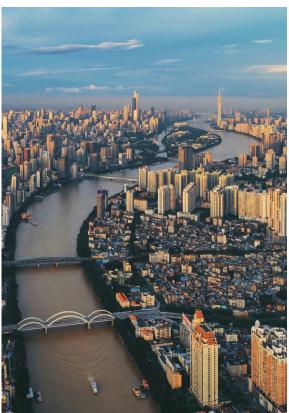
# Introduction of Guangzhou and Panyu District



#### **Guangzhou Context**





#### **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



#### **Plannings and Actions**

#### Sustainable Urban Cooling

- ✓ In 2020, Guangzhou was selected as the first pilot city to carry o ut 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.
- √ 5000km ecological corridors.
- ✓ 6 ecological green cores.
- $\checkmark$  Bird species increased from 40 to over 180.
- ✓ Insect species increased from 66 to 285.
- $\checkmark$  15 bird habitats and 3 bird migration paths.
- ✓ 16 fishways.

#### **Green Networks**

- ✓ ≥ 2/3 Ecological and agricultural space.
- √ 4000km greenway system.
- √ 2000km waterways system.
- ✓ 180km 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.

#### **Futrue 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

Peoplecentered 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!