

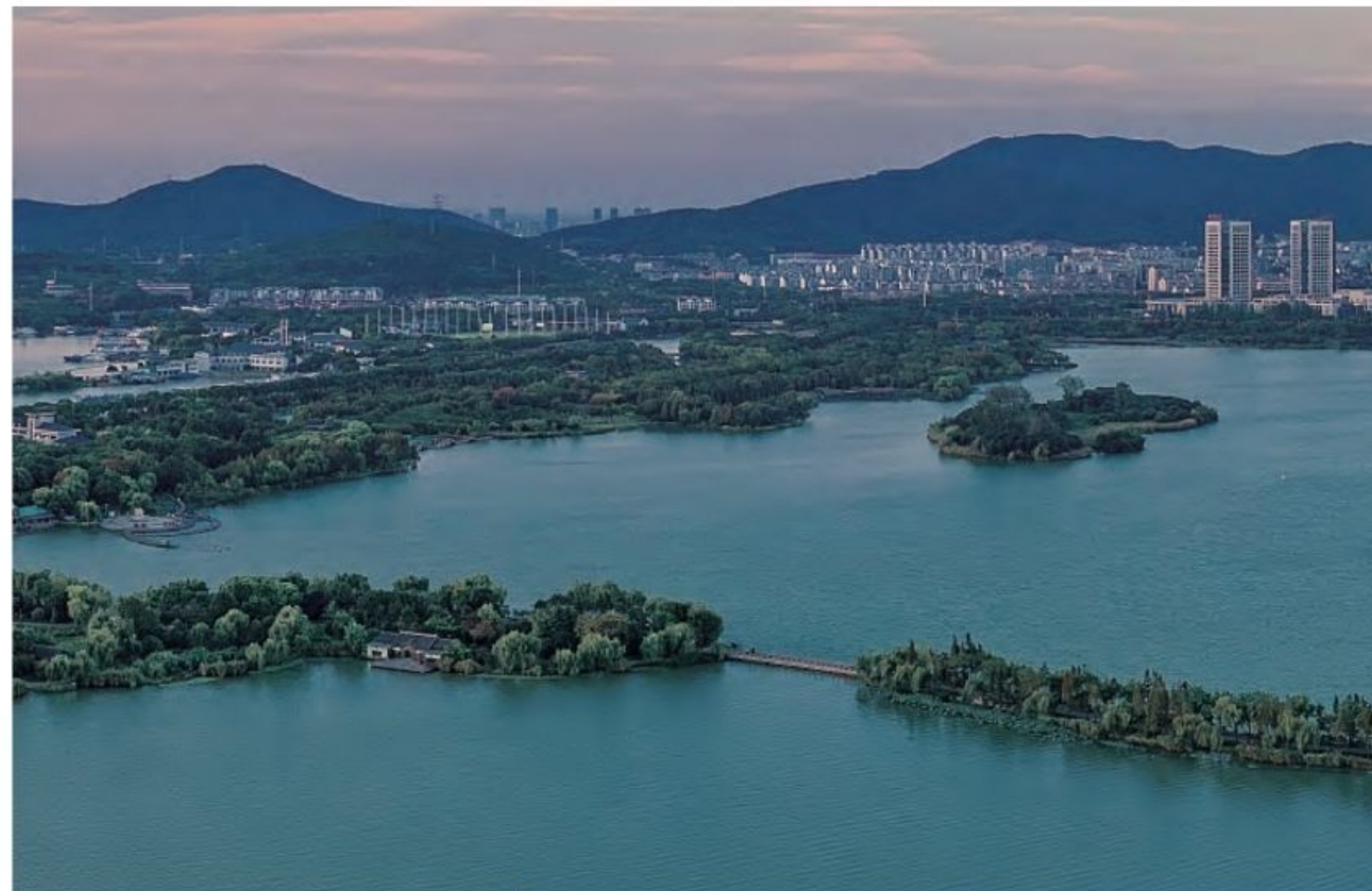
How to develop an integrated circular and decarbonized economy

--Experience from the Yangtze Delta region

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THE YANGTZE DELTA



WHERE

The region accounts for **24** percent of China's GDP and is responsible for more than **one-third** of its imports and exports last year.



MORE IN NUMBERS



SHANGHAI 24 MILLION RESIDENTS

POPULATION **235 MILLION**
≈ WORLD'S FIFTH BIGGEST COUNTRY
PAKISTAN

41 CITIES WITHIN
THE REGION

TOTAL AREA
358,000KM²
≈ SIZE OF GERMANY

URBANISATION RATIO
75%

2019, CHINA OUTLINES

INTEGRATED DEVELOPMENT PLAN OF YANGTZE RIVER DELTA

- **vision for 2025**

- Substantial progress in integrated development, including science and technology innovation, energy and other infrastructure, environment and public services

- **vision for 2035**

- Become the most influential and dynamic growth pole in the economy, with a high level of integrated development, a perfected integrated development mechanism, and achieve an overall lead in China.

ALSO BUILT

YANGTZE DELTA DEMONSTRATION ZONE

The zone, covering 2,413 square kilometers, includes Shanghai, Zhengjiang and Jiangsu provinces' suburbs. It is seen as a testing ground for integration policies. Many of its policies focus on environmental protection and economy transition.





Taihu lake, the third largest freshwater lake in China, is vital for the region's agriculture, industry, and supply of drinking water.

INTEGRATION AND COOPERATION WAS THE ONLY CHOICE TO FIGHT TAIHU'S POLLUTION

2007, a massive blue-green algae bloom, leaving more than 2 million people in Wuxi city without drinking water for a week.



TOP PRIORITY:

INTEGRATED WATER AND AIR QUALITY MANAGEMENT

- Small leading groups set up by central and local governments to facilitate collaboration
- Collaborate to develop a pollutant control plan with unified goals
- Information sharing
- Joint Law Enforcement
- Promote cross province eco-compensation and trading of pollution permits

1997

Energy Conservation Law

2008

Circular Economy Promotion Law
to increase efficiency of resource utilization

2011

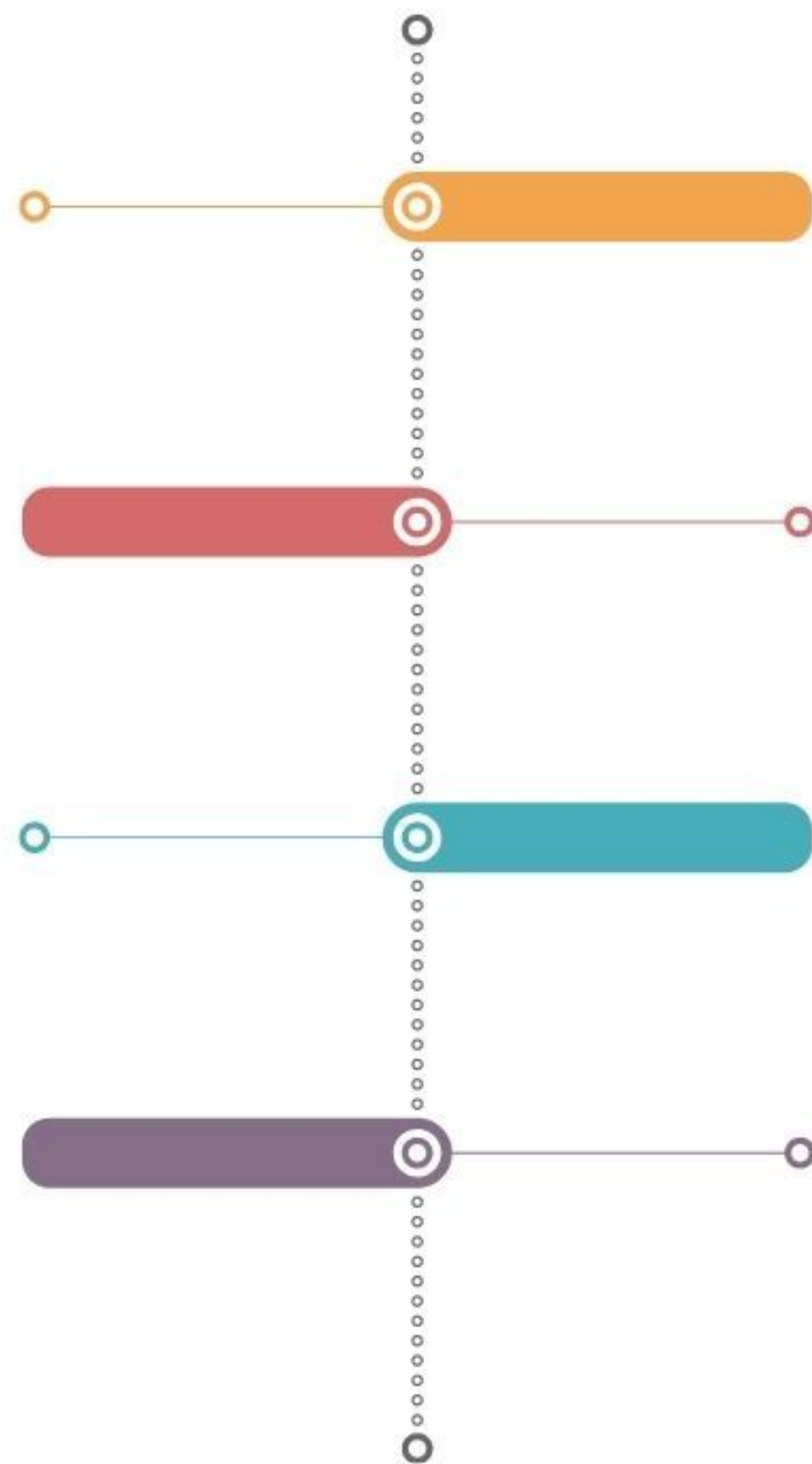
Five-Year Plan for Circular Economy Development
2011-2015

2013

**Circular Economy Development Strategies and
Action Plan** to address climate change

2021

Five-Year Plan for Circular Economy Development
2021-2025



LOCAL GOVERNMENTS' CIRCULAR ECONOMY DEVELOPMENT PLAN (2021-2025)

Jiangsu

- establish regional cooperation on circular economy development

Shanghai

- Ensure 1% of industrial land for circular economy development.
- Establish a "white list" for solid waste disposal facilities in the region.
- Promote long-term collaboration with other provinces on waste disposal mechanism.

Zhejiang

- Promote a win-win situation with Shanghai, Jiangsu and Anhui in green development

WHAT THE DEMONSTRATION ZONE DOES

UNIFIED ECOLOGICAL ADMINISTRATIVE SYSTEM

Unifying environmental standards, including standards for air, water, soil, solid waste, and noise; cooperating on monitoring and law enforcement

TERRITORIAL SPATIAL PLANNING(2019-2035)

The goal is to build a "WORLD-CLASS WATERFRONT HUMAN SETTLEMENTS MODEL" Including implementing a "white and black list" of industries; controlling total water consumption and intensity

CARBON PEAKING PLAN

Developing re-energy; building net-zero emission demonstration zones; promoting integrated waste utilization and treatment mechanisms; promoting circular lifestyle; transforming industrial parks into eco-industrial parks; energy-saving renovation of buildings

SOME IMPORTANT POLICIES IN THE YANGTZE DELTA

Public financial investment

Promoting innovation

Pilot projects e.g. carbon inclusive scheme and Taihu lake cross-province eco-compensation

Intergraed development in public transportation and public service

INNOVATION FROM THE BOTTOM UP



XIANYU-One of the most popular secondhand trade app by Alibaba



DUOZHUYAYU'S shop for secondhand clothes and books opens in downtown Shanghai



DIANDIANCHENG, a platform that circulars children's toys.



Online renting platforms boom. Renting goods from cellphones, cameras,, and household appliances to musical instruments, etc.



THANK YOU

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