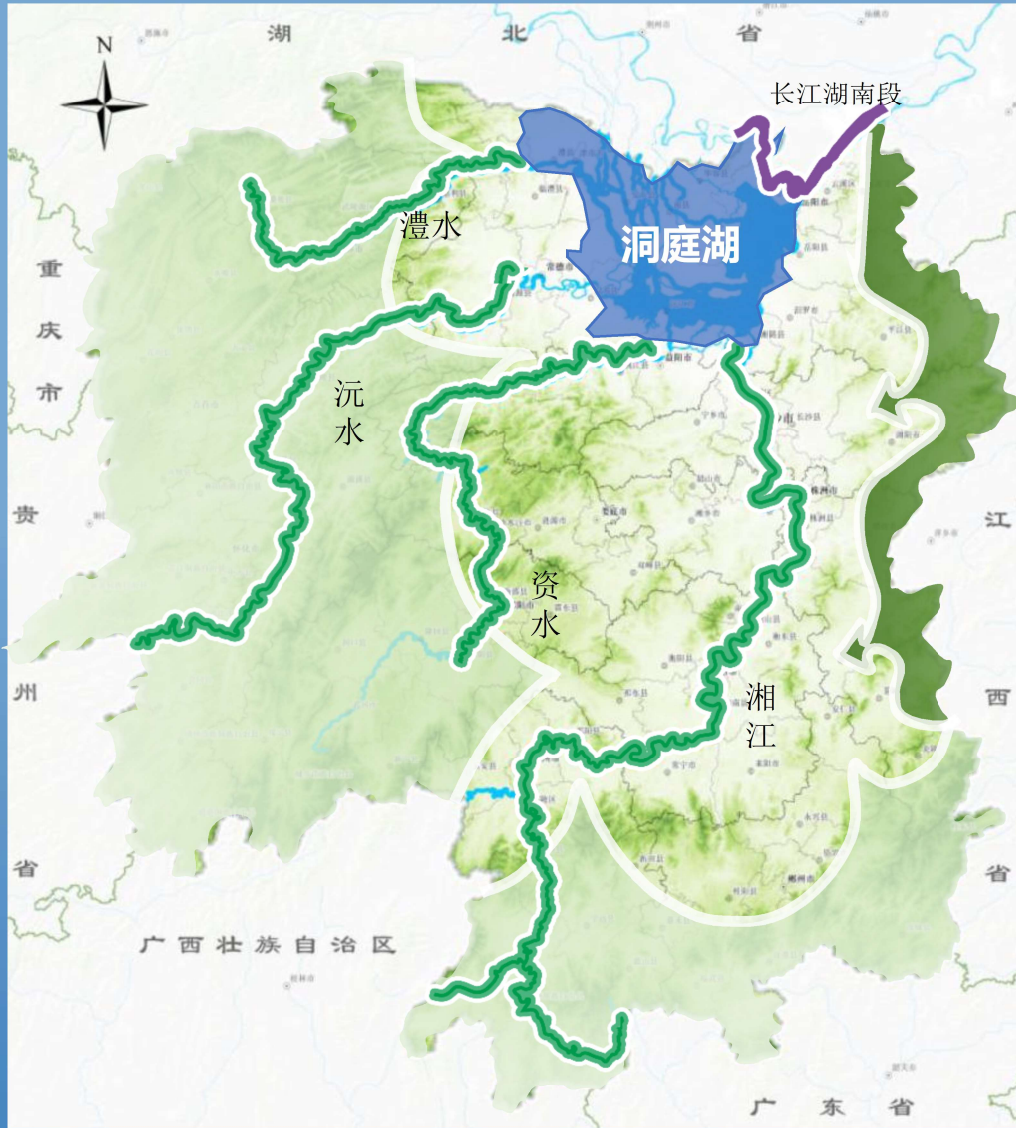




The Hunan Experience on Sustainable Utilization and Green Development of Water Resources

Luo Yijun

Director of Hunan Provincial
Department of Water Resources



Mean annual
precipitation
1450 mm

Ranking the 6th
in the country



Mean annual
water resources
168.9 billion m³



Ranking the 12th
in the country

Water resources
per capita 2.5
thousand m³

Implementing the guiding principles of “Prioritizing Water Saving, Spatial Balance, Systematic Governance, and Equal Attention to Conservation and Development”, Hunan has found a path of high-efficiency utilization and green development of water resources with Hunan style.

1st: The deep transformation in the way of water resources utilization

Agricultural water saving and efficiency increase

High-efficiency water-saving irrigation area has reached 1.94 million mu (129 thousand hectares)



Shaoshan Irrigation District

Industrial water saving and emission reduction

The rate of water reuse in industry has been over 92%



Dongjiang Lake Big Data Industrial Park

Urban water saving and loss reduction

The leakage rate of public water supply network has decreased to 8.8%



Songya Lake, Changsha

1st: The deep transformation in the way of water resources utilization



Guitang River, Changsha

- Having built 4 national water-saving cities, 7 provincial water-saving cities, 57 water-saving counties.
- Water consumption per RMB 10000 GDP and per RMB 10000 industrial added value of Hunan Province has decreased by 51% and 75% from 2012 to 2022.

2nd: The overall optimal structure of water resources allocation

Regional water supply

Having built 13,300 reservoirs



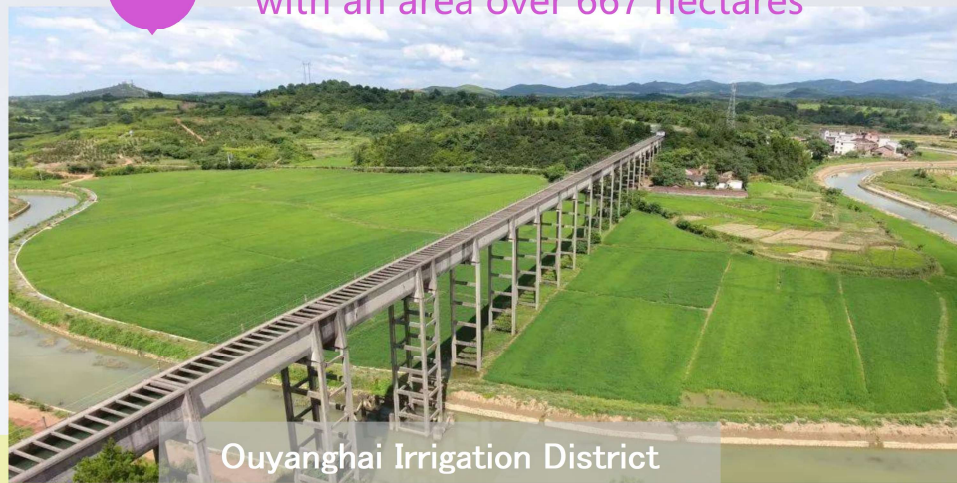
Rural drinking water

Having built 29.9 thousand centralized rural water supply projects



Irrigational water

Having built 659 irrigation districts each with an area over 667 hectares



Ecological supplementary water

Water system connectivity projects and the Water Supply Project



3rd: The historic improvement in the appearance of rivers



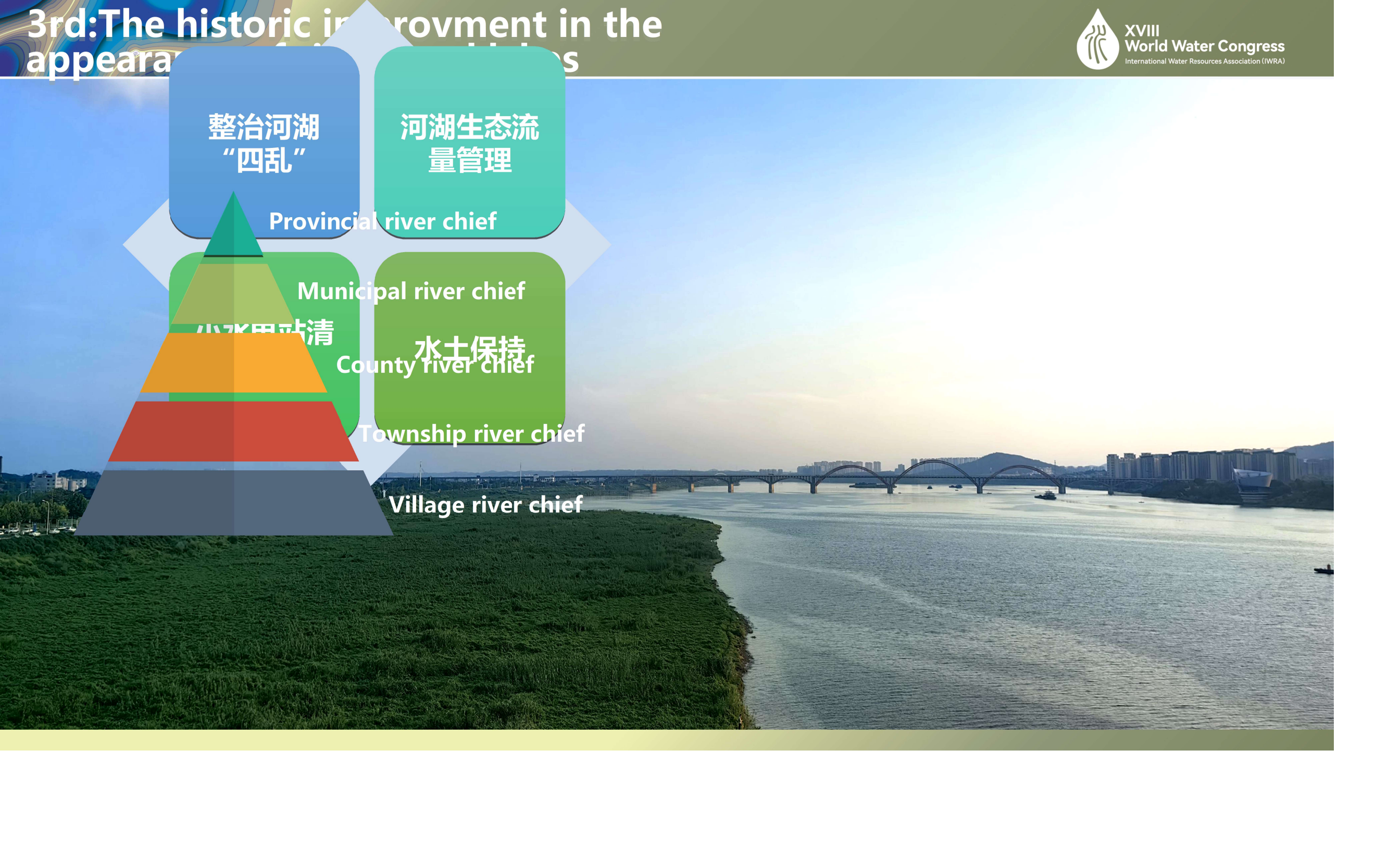
整治河湖
“四乱”

河湖生态流
量管理

小水田站清

水土保持
County river chief

Village river chief



3rd: The historic improvement in the appearance of rivers and lakes



The first batch of National Demonstration Rivers and Lakes—Liuyang River

The National Most Beautiful Hometown Rivers—Fenghuang Tuojiang River



4th : The total strengthening in the ability of water resources management

Legislation

湖南省洞庭湖

湖南省湘江

湖南省饮用水水源
保护条例

湖南省水利厅

湖南省水利厅

湖南省水利厅翻印

Water use rights reform

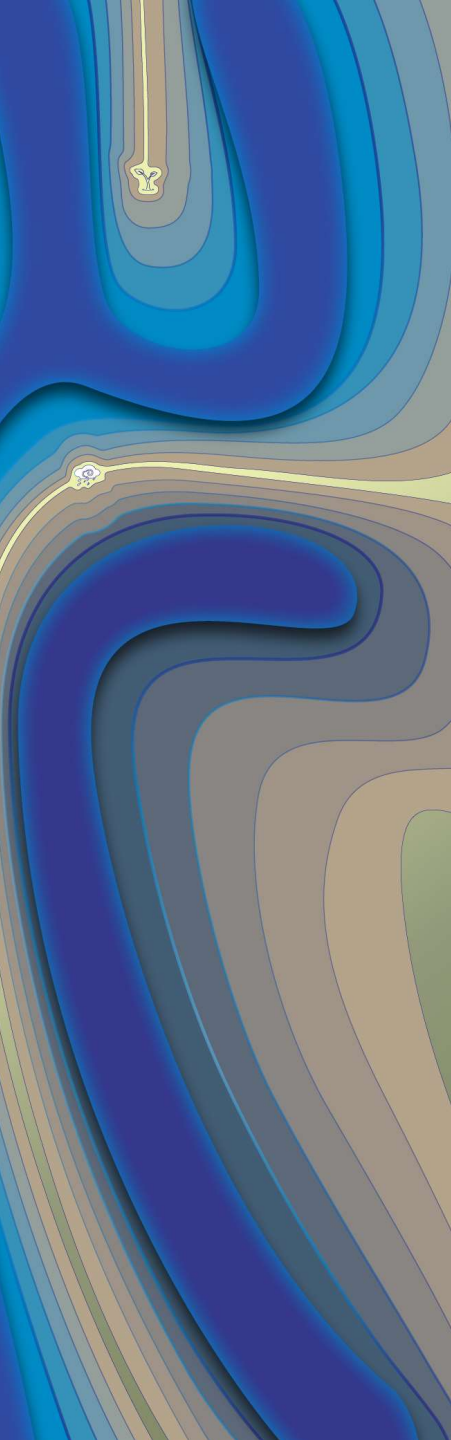


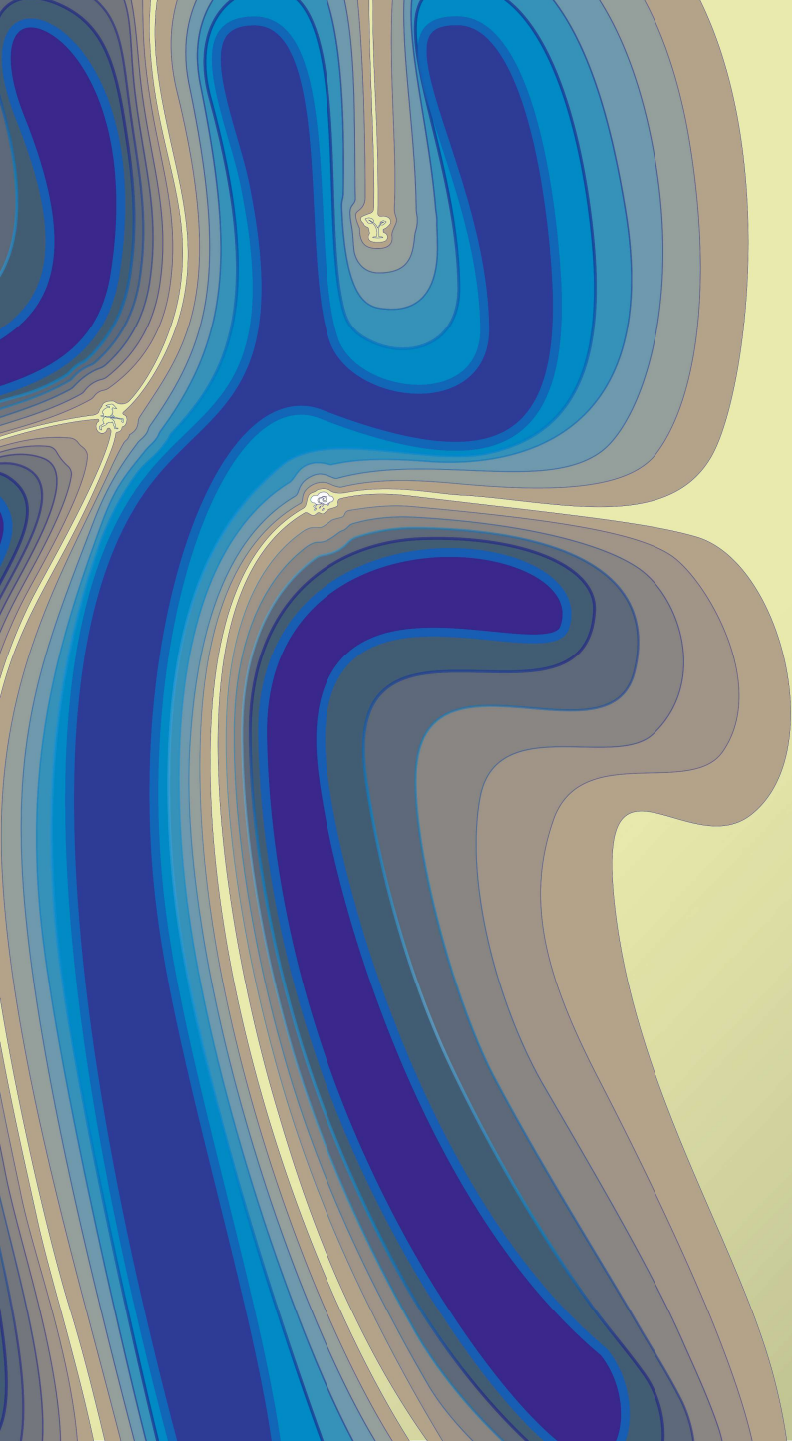
Tongrenqiao Irrigation District,
Changsha County

Management platform



Promoting the sustainable utilization of water resources
Encouraging the harmonious coexistence of human and water
Accelerating the high quality development of water conservancy





Thank you !