

# Franco-Chinese cooperation on integrated water resources management

## A successful experience

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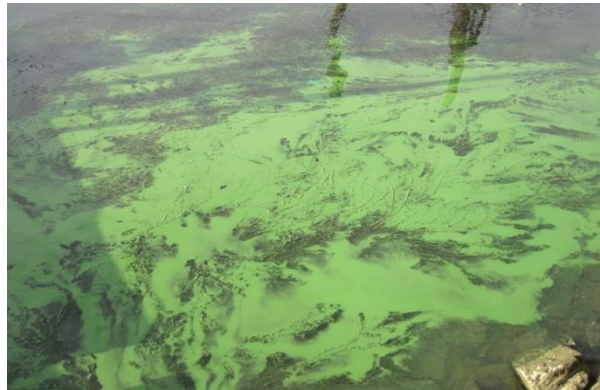
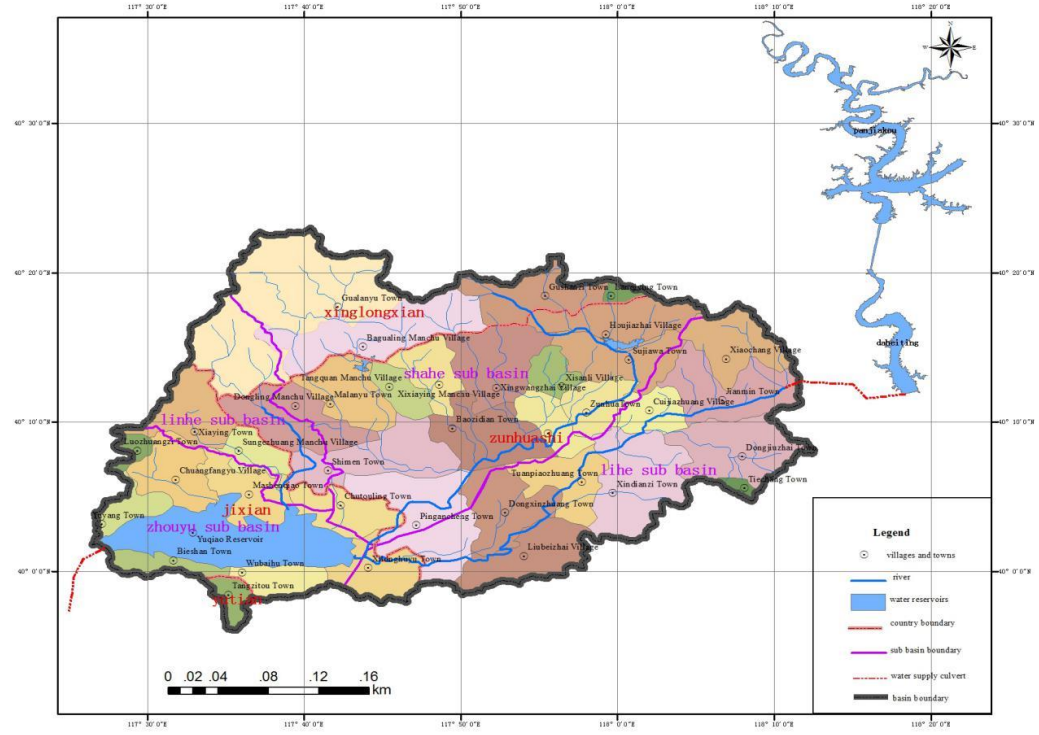
- ❑ **A cooperation initiated in November 2009**
- ❑ **A 1st stage with 2 phases**
- ❑ **Phase 1 : April 2010 – March 2011 for getting to know to each other**
- ❑ **Phase 2 : October 2012 - October 2015**
- ❑ **Experimentation of integrated water resources management applied to Yuqiao Reservoir and Zhou River Catchement**
- ❑ **The partnership:**
  - **Seine-Normandy Water Agency, the public utility for sanitation of Paris Region (SIAAP), Public utility for Seine river reservoir management (Seine Grand Lacs), International Office for Water;**
  - **Haihe Water Conservancy Commission, Water bureau of Tianjin municipality, Water bureau of Hebei province**
- ❑ **Currently, a second stage or phase 3 is implemented**

# Geographical location



**Phase 1 and 2:**  
**Lihe/Zhouhe basin 2100 km<sup>2</sup>**  
**860 000 inhabitants**  
**Yuqiao reservoir**  
**500 000 m<sup>3</sup>**

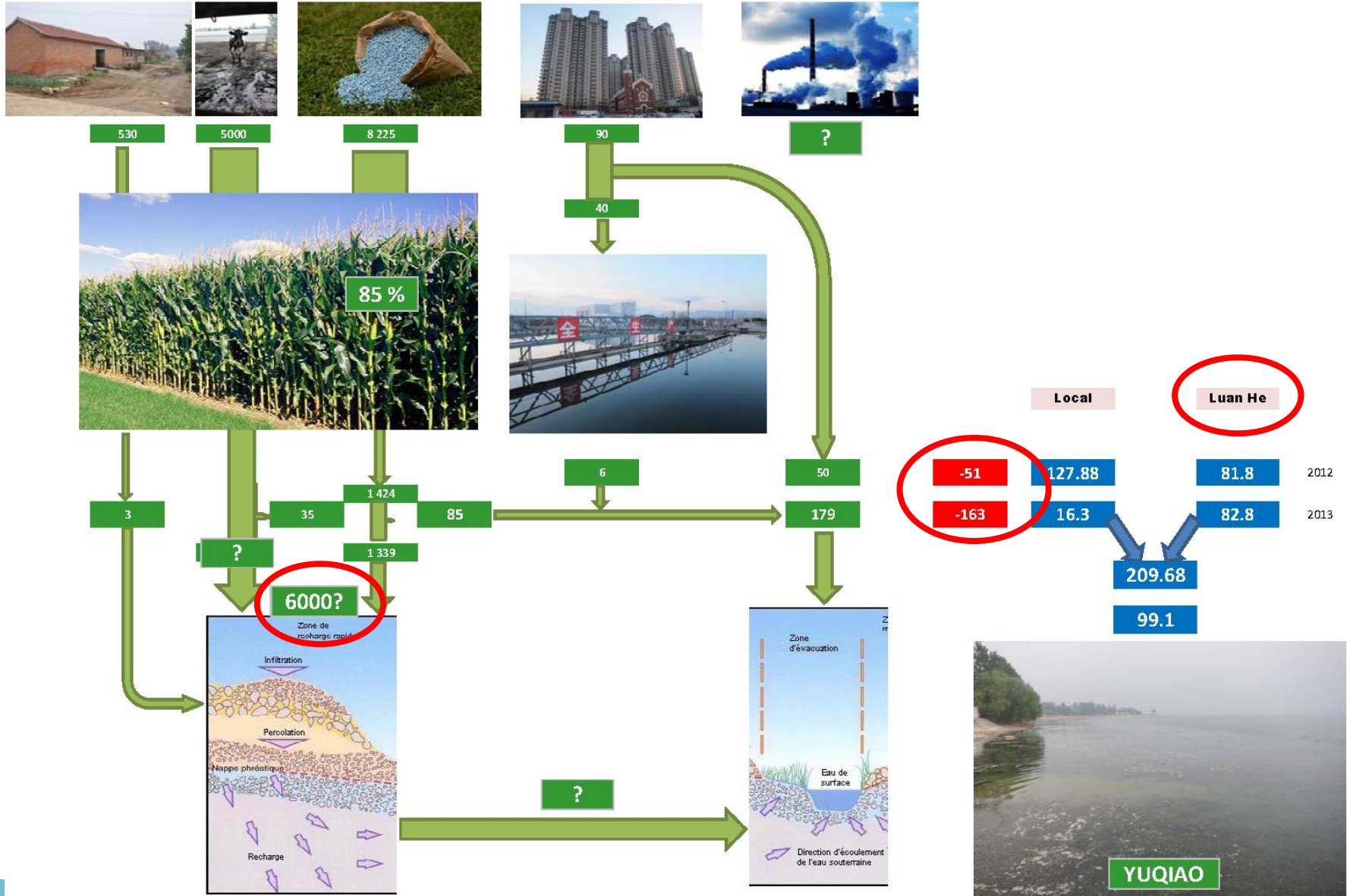
- ❑ Bring the French know-how in integrated water resources management in order to improve the water quality of the reservoir Yuqiao**
- ❑ Yuqiao reservoir is suffering of major pollution of water resources with eutropication problems caused by an excess of nutrient input**
- ❑ A context of strong water scarcity**



- ❑ **The project implementation includes the following steps:**
  - **Support for the implementation of diagnosis of the different kinds of pressures on water resources,**
  - **Support for the implementation of a management plan and a program of measures to improve water quality**
  - **Setting up a coordination group for water management**
  
- ❑ **Providing training sessions and expertises**
  
- ❑ **The pressure of agriculture was demonstrated as well as groundwater pollution**



# Global Mass Balance Water Nitrogen and Phosphorus



- ❑ **The program of measures is completed with 10 billions Yuan of works**
- ❑ **Progress in water management governance :**
  - **Implementation of «river basin committee» or a coordination group for water management**
  - **Consultation of different administrations involved in water management**
- ❑ **"2016 Friendship Award" from the Chinese Government for the Foreign Expertise**
- ❑ **Next step: Phase 3 application to a larger river catchement**





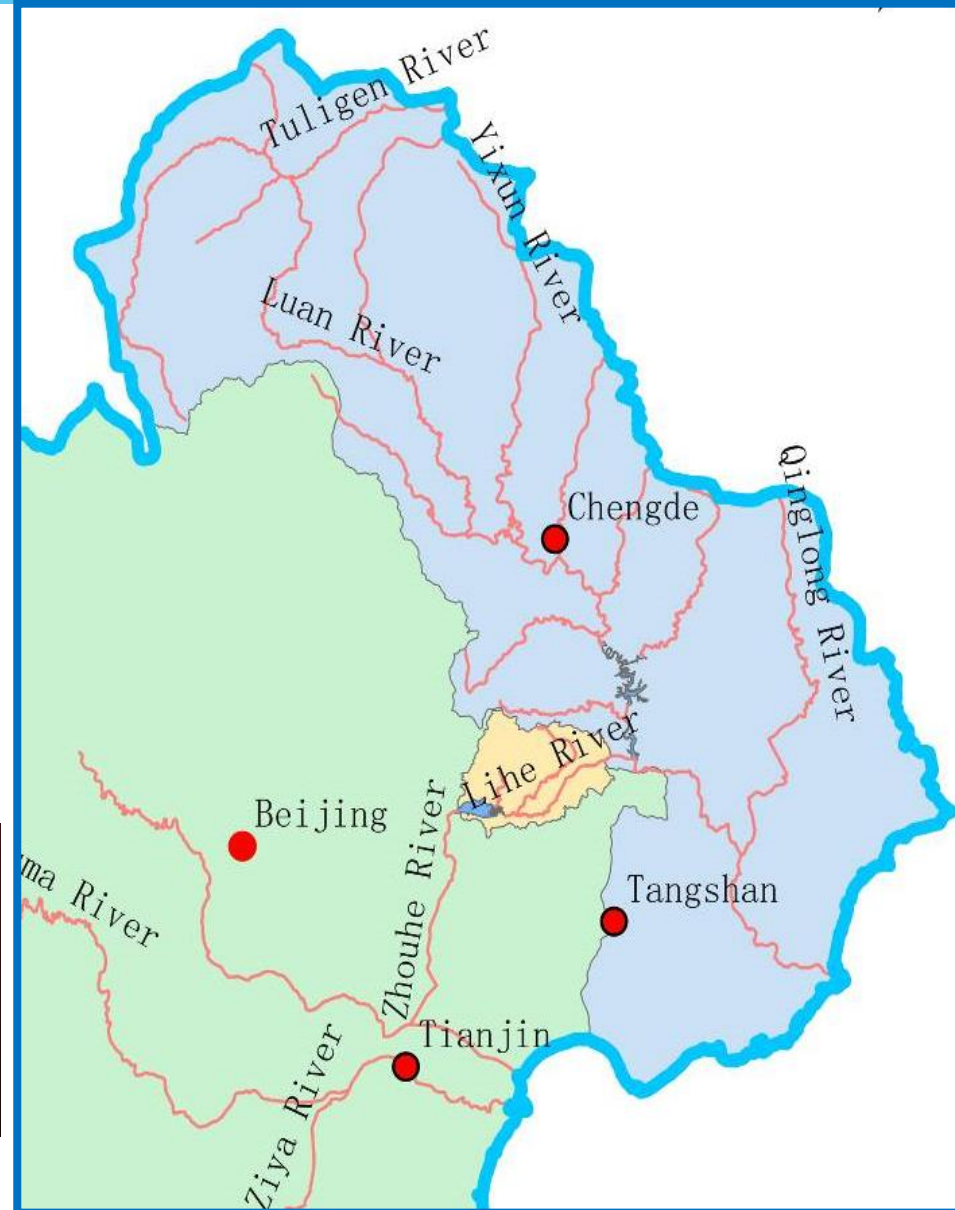
**Phase 3 : 2016 - 2018**

**Luanhe basin : 55 000 km<sup>2</sup>**

**Population : 11 M inhabitants**

**Target : completing the program of measures in 2018**

**The agreement has been signed on the 1<sup>st</sup> of February 2016**



Thank you for your attention



SIAAP

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