

CHINA EUROPE

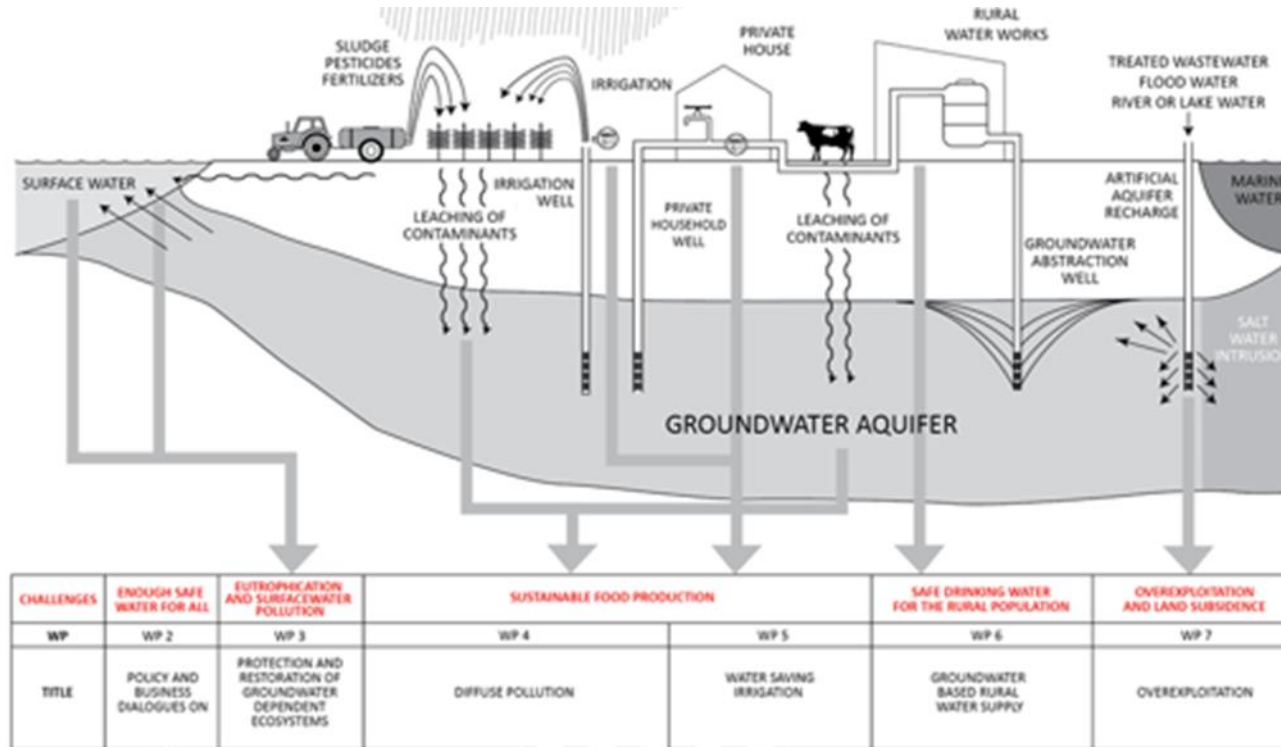
Water Platform

**Focus Area Rural Water
and Food Security**
Progress and plan for 2021

13th JSC CEWP meeting, 7 June 2021



Rural Water and Food Security - work concept



Rural Water and Food Security

Areas of work

- Groundwater quantity management and water saving
- Groundwater quality from diffuse pollution
- Groundwater protection and restoration
- Groundwater dependent ecosystems
- Water saving irrigation and water allocation
- Groundwater-based rural water supply
- Village-level wastewater treatment
- Managed Aquifer Recharge

Latest activities in 2020/2021

- **Technical meetings at MWR** on planning of Policy Dialogue Seminar on Groundwater Quality Management and at EU Delegation (3-10 January 2020)
- **Skype meeting** with the purpose of concluding sub-activity 5.1 (baseline analysis - hydro-climate data for Hetao irrigation district) and starting activity 5.2 (model development: agro-hydro part). (11 March 2020).
- **Wechat meeting** dedicated to the data supply for sub-activity 5.2 (model development: agro-hydro part), which has been delayed. Also, correction of the time scale and intervals of the data needed (monthly supplied, while daily were needed) and missing of certain variables were addressed. (3 Nov 2020)
- **Business Mission** to Beijing and Hebei on Village-level Wastewater Management for protection of the Guanting Reservoir (3-10 January 2020)
- **Business Mission** to Chengdu for presentation of Rural Wastewater Technologies at the Ministry of Agriculture and Rural Development annual conference for provincial Departments of Agriculture and Rural Development (1-2 December 2020)

Activities in 2021 (depending on PI RURAL extension)

- Finalising **policy brief** with recommendations on technologies to halt depletion and initiate recovery of groundwater resources as an output of Groundwater quantity management and water saving policy dialogue
- **Groundwater quality management policy dialogue seminar** (on-line), likely to be held in November 2021
- Planning of **Sustainable use of groundwater policy dialogue seminar** to be held 2022
- Planning of **GDE workshop** to discuss GDE restoration and protection leading to finalization of Protocol on GDE restoration and protection strategies to be held 2022
- Support to Lot 5 **business events** on Rural Water Supply and Food Security (3Q and 4Q 2021)

Activities in 2021 (cont.)

- **Modelling of the changes in socio-economic value** of water imposed by water allocation under water scarcity and develop guidelines and assess policy element for water allocation and water saving irrigation strategies (depends on exchange visit of Chinese researcher)
- Planning of **Site visit** on groundwater recharge system with artificial pre-treatment and seminar on MAR operation surveillance and assessment of infrastructure logistics for location of MAR systems using storm water
- **Marketing missions** on rural water supply and village-level wastewater treatment by Chinese partners until missions to China can resume