

Demonstration of Rural Water Supply Safety Technology in Lancang-Mekong Countries—China Practice Experience Sharing

Section 1: General Information	
Summary	This project aims to address the severe shortage of water utilities and the combined problem of water shortage due to geographical conditions and pollution in rural areas of the Mekong countries. Technology support is provided to ensure local residents' access to safe drinking water. During the executive time of this project, 59 technical demonstration sites for rural water safety will be constructed, providing safe drinking water to more than 10 thousand residents and promoting the health of local women and schoolchildren.
Proponent Name(s)	IWHR (China Institute of Water Resource and Hydropower Research), LMWRCC (Lancang-Mekong Water Resources Cooperation Center), CRSRI (Changjiang River Scientific Research Institute), UNICEF, Namsaat (Laos National Water Supply and Environmental Health Center), CNMC (Cambodia National Mekong Committee), MMOALI (Myanmar Ministry of Agriculture, Livestock and Irrigation), UNESCO-IHP, GWP, IAHR, ICID
Proponent Type	Academic Institution, National Government, UN Agencies
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Region	Asia

Section 2: Commitment	
Linkages to SDG 6	6.1 By 2030, achieve universal and equitable access to safe and affordable drinking water for all
Target	To provide solutions for solving water quantity and quality problems in the Lancang-Mekong countries, and to establish appropriate technical systems for rural drinking water safety in order to improve safe drinking water access for people in the Lancang-Mekong countries and to share drinking water safety practices and experiences.
Linkages to other SDG	/

Section 3: Actions and Outcomes to Achieve Targets	
Relevant Sub-Theme	Governance, Cooperation and Hydro-diplomacy
Actions and Outcomes	<p>Actions</p> <p>-Technology Demonstrations: based on the different types of water sources and water supply methods in the Lancang-Mekong region, collaboratively demonstrate technologies on water source development and water purification/disinfection.</p>

	<p>-Capacity Building: training and exchange on drinking water safety technology with relevant local government, and knowledge sharing on safe drinking water with local residents.</p> <p>Outcomes -Construct 9 centralized rural water supply technology demonstration sites and 50 decentralized rural water supply technology demonstration sites in Cambodia, Laos, and Myanmar.</p>	
Implementation Period	Start Date	01/01/2023
	End Date	12/31/2026
Financial Commitment	USD 1.799.447 (CNY 13.037.000) 1 USD:7.245 CNY	