TARAgram YATRA 2014
inspiring sustainability

FIELD VISIT

Field Visit Brief

Innovations on Urban Water Services in Indian Cities

Sarvajal Water ATMs – Savdha Ghevra

Sarvajal is a social enterprise that provides clean water through Water ATM's. As a part of the project, a decentralised water treatment plant has been installed purifying through reverse osmosis process and supplied through 15 water-ATM kiosks.

Like any usual ATM, the customer swipes a prepaid card called Sarvajal Smart Cards, on the screen and chooses the amount of water one wishes to dispense. All water-ATMs are powered by solar energy and are connected to the main server via cloud computing. The server keeps a record of the user's transaction and deducts the amount used on the card.

Centre for Urban and Regional Excellence (CURE) – Savdha Ghevra

In Delhi and Agra, the Centre for Urban and Regional Excellence (CURE) India has set up local water treatment kiosks as business enterprises. These treatment kiosks supply affordable water at the doorstep in water-shadow areas. Managed by women, these treatment kiosks are generating incomes for poor women, by making water safe and leading to better health and productivity. CURE India has also helped families build household toilets connected to individual or cluster septic tanks. The Cluster Septic Tank in Savda Ghevra, Delhi is helping 320 families to have their own toilets. By linking toilets to Decentralized Wastewater Treatment Systems (DEWATs), CURE India has helped generate water for recycling – housing construction, peri-urban agriculture and household use. More DEWATs on city's other drains are planned to reduce pressure on the storm water drainage system and facilitating reduction of pollution in River Yamuna.

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