

WeSURE Program - Aurangabad - Implementation Phase - Supply Side Interventions - Water for Enabling Sustainable Reforms.

CII- Standard Chartered Bank's WeSURE Program has been initiated in 4 drought prone villages in Paithan Taluk, Aurangabad district, where water is a critical resource diminishing over the years. Most wells and available sources of water invariably dry up by February/March each year, leading to high dependency on tankers. This is directly impacting livelihoods; leading to rising social instability and a shift away from agriculture.

Under the WeSURE Program a scientific water evaluation and scanning tool, WATSCAN, was successfully applied. To overcome demand-supply gaps, various area-specific interventions for water conservation and management were identified for implementation. These are categorized into two important categories namely,

- a) Supply Side interventions, and
- b) Demand Side interventions

As Phase 1 of the Program (2017-18) WATSCAN led implementation of supply side measures were undertaken first. These include creating additional storages through construction of Gabion dam, Cement Nala Bund (CNB), creating recharge potential through construction of trenches and recharge shafts, optimisation of available water resources by repair and rejuvenation of existing potential water harvesting structures and desilting and repair of drains/nallahs in appropriate good water accumulation pockets.

The area has benefited from the above implementation, as evident during the current rainfall received in the area.



Implementation of trench & recharge shaft Recharge shaft submerged under water, for groundwater recharge.

Trenches and recharge shafts constructed at good groundwater potential zones



Check dams constructed at good water accumulation zones seen to be accumulating water



Gabion dam constructed at good water accumulation area guided by WATSCAN Accumulation of water at the Gabion bandhara site

Gabion dam constructed at good water accumulation zone seen to be accumulating water