Location: Neelam Nagar Area, Prabhag no. 20 and 40, Solapur, Maharashtra	
Coordinates: Shantai Orphanage: 17°38'33.82"N 75°57'2.06"E Temple in Neelam Nagar: 17°38'34.38"N 75°56'51.01"E Bidi Gharkul (EWS colony): 17°39'27.41"N 75°57'11.50"E	
Solapur North - Solapur city	
Safe	
Solapur	
ICLEI – Local Governments for Sustainability, South Asia and Solapur Municipal Corporation	
10 Lakhs – 241750+ 165000+296900= 703650	
Background : The increasing water demand and number of abandoned bore- wells in Solapur has brought forward realization that the underground reservoirs formed by the aquifers constitute invaluable water supply sources as well as natural water storage facilities. As a result to reduce over-draft, conserving surface runoff and increasing available water supplies, 'Ground water recharge through abandoned bore-wells' was selected as one of the pilot implementation under the European Commission funded project on Integrated Urban Water Management in Indian Cities (Adopt IUWM). This intervention was executed as a model for replication and showcase benchmark for future plans of the city. The area selected for this intervention is located outskirts of core city with lack of water supply and sewerage network. Solapur Municipal Corporation supplies drinking water twice in a week through tankers. Majority of the community depends on ground water for secondary purposes resulted in many borewells and handpumps in a small area. Steps followed during the implementation of this intervention at various levels are as following:	
 Community level: Baseline surveys to document type of locality, identification of structures, number of beneficiaries and local water usage practices Conducted various activities on awareness for rain water harvesting, catchment cleanliness drives and Swachh Bharat Mission Formation of local implementation committee (includes representatives from beneficiaries and ULB officials) to supervise execution of the project Technical level: Conducted geo-physical survey to select abandoned bore-wells having maximum potential of recharge Designed a customized process to suit local practices and acquire maximum acceptance by residents which includes two stage filtration to avoid 	

	 recharge 3) Provision of water level monitoring kit and training to use 4) One year quality testing to check contamination in ground water ULB level: Solapur Municipal Corporation was inclusive part of the implementation team Experts provided training to the officials of Public Health Engineering Department and Town Planning Department on the ground water recharge potential of various areas within city, different techniques of recharge and operation and maintenance of such interventions. 3) Other stakeholders including zonal officers responsible for bore-well maintenance, labour working on ground, private contractors for bore-well and residents were also trained on cleaning of the roofs, maintenance of recharge pits and monitoring of water level 	
Out Come	 About 5000 sq.ft roof top area has been connected to abandoned bore-wells for ground water recharge About 4.5 lakh liters of rain water used to recharge ground water in last 3 years after fulfilling secondary needs of the residents during monsoon The pilot project helped an orphanage cum school and also more than 1500 population in Neelam nagar area including Economically Weaker Section (EWS) housing colony located upstream side of the catchment. This includes about 103 direct beneficiaries trough recharge of three abandoned bore wells/ hand pumps. With this learning, Solapur Municipal Corporation has proposed to recharge 200 more bore wells in the city through AMRUT and the work is in progress today. 	
Photographs	Today.	<image/> <caption></caption>

