

INTEGRATED RURAL URBAN WATER MANAGEMENT FOR CLIMATE BASED ADAPTATIONS IN INDIAN CITIES (IAdapt)

Report on Partner Visit to Vijayawada project city 9 October 2018, Vijayawada

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Report on Partner Visit to Vijayawada Project

A field visit to Vijayawada project city was organized for all the project partners on 9th October 2018 under the project IAdpat. The objective of the field visit was to get the project partners familiarized with the catchment area in Vijayawada. Representatives of the ICLEI – South Asia, Indian Institute of Technology (IIT) Madras, International Water Management Institute, SriLanka participated in this visit coordinated by Athena Infonomics LLC.

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As part of the field visit, the partners first went to the village of Jekkulanekkulam, a village in the Vijayawada micro-catchment, where the team interacted with the village *Sarpanch* and a few local farmers about the water situation in the village. The interaction was primarily concentrated on agriculture and irrigation methods in the village and the daily challenges faced therein. The Sarpanch along with the villagers also gave the partners a tour of the village, introducing them to the primary source of water for agriculture in the village, the Eluru canal.

The partners then proceeded from Jekkulanekkulam to the Sewerage Treatment Plant in Ajith Singh Nagar where the Assistant Engineer briefed the partners regarding functioning of the STP. The partners were given a tour of the entire STP from the Inlet chamber to the Outlet, from which water flowed into the Budameru canal which passes through Vijayawada city. With the proposed enhancement of volume of STPs in Vijayawada, the reuse of treated wastewater is expected to increase in the coming years.

The next destination of the field visit was the Head Water Works of Vijayawada Municipal Corporation at V.D. Puram. The Assistant Engineer at Head Water Works introduced overall water treatment process with a tour of the water treatment plant. He also explained in detail about SCADA monitoring and water quality testing facilities at the site. At the end he explained various aspects of the supply and distribution system for the entire city and its operations. Overall the visit helped partners to understand water scenario in the Vijaywada catchment, its issues and available water infrastructure.

