

SO-WOP

Supporting OWSSB (India) In Upgrading Capacities In Wastewater And Fecal Sludge Management (SO-WOP)

The aim of the WOP is to improve the capacity of the beneficiary partner, OWSSB, to effectively manage wastewater and septage, improve wastewater treatment, introduce low-cost technologies, perform pilot interventions (i.e. analyze process flow models from a sample treatment plant), and explore reuse options for treated wastewater and sludge.

The WOP adopts the “capacity development approach” as the basis for cooperation in all the technical fields in which SMAT operates.

Hydroaid and Politecnico di Torino will provide support in training programs and modeling. WaterLinks will provide facilitation support.

Politecnico di Torino will act as co-mentor and will provide support in specific applied researches to meet WOP objectives: assessment of applied wastewater treatment and sludge management technologies and the development of a plan to optimise the wastewater treatment process. Training will also be delivered in coordination with SMAT and Hydroaid.

At first a baseline assessment will be performed for knowing and understanding the current situation of the water supply and sanitation conditions. Secondly the verification and individuation of solutions (with a low cost) of simple construction and maintenance will be performed. A particular attention will be devoted to sludge management optimization with the eventual energy recovery for the largest plants.

A training course will be developed in order to enhance the local technical and managerial capabilities of the beneficiary partners.



SO-WOP is a selected EU-WOP project. The EU-WOP Programme, funded by the European Union and managed by UN-Habitat-led GWOPA, leverages the demonstrated capacity of utilities to help one another reach the SDGs

PROJECT DURATION

36 months
(from 01/01/2022 to 31/12/2024)

PARTNERS

- Società Metropolitana Acque Torino S.p.A. (SMAT) (Coordinator – IT)
- WaterLinks Management Council, Inc, Pasig City (Philippines)
- Politecnico di Torino – DIATI (co-Mentor - IT)
- Hydroaid – Water for Development Management Institute (IT)

BENEFICIARY PARTNER

- Odisha Water Supply and Sewerage Board (OWSSB) Odisha, State of Odisha (India)

FUNDING INSTRUMENT

EU-WOP Programme

BUDGET

Total funding for the project: **379.555 €**
(allocated to DIATI: **39.170 €**)

POLITO and DIATI's role:

Politecnico di Torino – DIATI is co-Mentor of the Partnership.

Scientific manager for DIATI:

Prof. Mariachiara Zanetti