Consulting Service for Construction for Decentralized Wastewater Treatment System (DEWATS)

Status: Ongoing

Project Partner: Dhulikhel Hospital

Project Area: Dhulikhel Hospital, Kavre

Project Duration: June 2017 to June 2019

Aim:
To design, estimate and supervise the construction of DEWATS at Dhulikhel Hospital premises, Kavre.

Project Description:
This project provided consultancy services to Dhulikhel Hospital to design and construct Decentralized Wastewater Treatment Plant (DEWATS) to treat wastewater in Dhulikhel Hospital. Furthermore, this project provided the operation and maintenance training for caretakers for the sustainability for DEWATS. DEWATS is an approach which encompasses technical, local economic and social aspect to treat wastewater making maximum use of wastewater from domestic or industrials sources. Also, it produces renewable energy depending upon the treatment components. Biogas reactor supplies biogas for cooking and lightening purposes.

Project Outputs:
- Prepared detail engineering design report
- DEWATS establishment in Dhulikhel Hospital

Major Achievements:
- Final Design report on Establishment of DEWATS in Dhulikhel Hospital

Beneficiaries:

Total Beneficiaries from the Project

160 People