

## Rainwater Harvesting Project

**Status: Completed**

- Project Partner:** RAIN Foundation, The Netherlands, Environment & Development Society (EDS)
- Project Area:** Birendranagar Municipality, Neta VDC, Janajyotee Higher Secondary School
- Project Duration:** April, 2013 – September, 2014

### Aim:

To demonstrate the use of rainwater harvesting system for multiple uses.

### Project Description:

The development of rain water harvesting and 5R demonstration system in the municipality premise was very effective way for creating awareness and sensitizing a bigger mass. The visitors learnt more about rain water harvesting and productive reuse aspect and disseminate to other people as well. Household level roof top rainwater harvesting with 2R (retention and reuse) approach was promoted at HH level in Neta VDC. The community at Neta VDC relied fully on a stream where they have to walk



nearly for 3 hours to fetch water and they do not have access to other water source. In Neta VDC, HH level rainwater harvesting system with ferro-cement collection tank was constructed through the use of soft loan from local micro-finance institutions.

On the other hand, establishing rain water harvesting system integrated with sanitation and re-use system at Janajyoti Higher Secondary School showcased the multiple use system (MUS) of water for the region. The students studying 18 months for Junior Technician in Agriculture (JTA) became the transfer agents of these technologies not only limited to WASH aspect but also with agriculture sector and will also be in their future career.

**Project Outputs:**

- Rainwater harvesting system, point of use drinking water treatment system, waste water management options demonstrated at Birendranagar Municipality Office premise
- Capacity development on productive reuse concept with 5R approach
- Rainwater harvesting system with recharge, point of use drinking water treatment options, gray water management and research conducted at Janajyoti Higher Secondary School premise
- Introduction of microfinance mechanism and linkage with microfinance institution for rooftop rainwater harvesting system with ferro-cement collection tank implemented in 30 HHs

**Beneficiaries:**

- Local people, government line agencies, local CBOs, micro-finance institutions
- 180 people of Neta VDC (direct)