

Emergency Rain Project

Introduction

About the Project

The massive earthquake of 25th April, 2015 not only devastated the lives and infrastructures in Nepal, it dried up the water sources in many places and displaced the people. The huge influx of population in Kathmandu Valley has also triggered the city's poor and unreliable water supply service. Thus, people living in the temporary shelters and at schools have to rely on shallow ground water that is contaminated. However, the extraction of ground water can never be a solution to the mounting water scarcity issue. Due to insufficient water, poor sanitation and hygiene is rising leading to various waterborne diseases.

The revival of the rainwater harvesting system has become necessary. Rainwater being the primary source of water, its harvesting can play a crucial role in the form of collection and recharge for the sustainable water supply.

GUTHI, understanding the need to meet the water demand, initiated mission to assess the situation and develop the Emergency Rain Project in partnership with International Rainwater Harvesting Alliance (IRHA). The project is supported by the Republic and State of Geneva, and the City of Geneva.

The project covers two sites: Viswa Niketan Higher Secondary School located Tripureshwor, Kathmandu and Internally Displaced People (IDP) camp located at Liwali, Bhaktapur; both the community are in the high demand of safe water.

Objectives of the project

The main objective of this initiative is to ensure the safe Water Sanitation and Hygiene (WASH) through the regular supply of the water. The project aims to achieve the following objectives in specific;

1. To install rainwater-harvesting system to complement the water supplies and recharge the ground water.
2. To renovate and improve toilets and hand washing facilities to ensure adequate sanitation and hygienic conditions in the school.
3. To provide trainings to build capacity and to sensitize the beneficiaries about the WASH and disaster issues.
4. To empower the women through social business in the WASH sector.

Activities of the project

1. Installation of rainwater harvesting and drinking water treatment systems
2. Strengthening of sanitation facilities(latrines)
3. Training on rainwater harvesting system
4. Awareness trainings on Water, Sanitation and Hygiene
5. Raising awareness of the risk of natural disasters
6. Support two local micro-enterprises in the WASH sector

Expected Outcomes

The project expects to:

- i. Serve 2220 students, teaching and non-teaching staff at the school and 504 people living under temporary shelter in the IDP camp
- ii. Construct 50,000 liters and 25,000 liters of underground storage tank in school and IDP camp respectively
- iii. Improve the hygiene and sanitation system of IDPs and secure their access to safe water
- iv. Strengthen the capacity of IDPs in terms of rainwater management, sanitation and their resilience to risks and disasters
- v. Uplift the economic condition of the IDPs
- vi. Enhance and improve WASH behavior of the community people living in and nearby the camp.

Implementation Approach

This is a joint initiative of the State and the City of Geneva, Switzerland and the civil society organisations. GUTHI is implementing the project activities in close coordination with the school authority and local community. At grass root level local youth communities are being mobilized for the enforcement of the project activities.

Project Duration

The project duration is 8 months and is expected to be completed in July, 2016.