

Productive Reuse Project

Status: Ongoing

Project Partner: RUAF Foundation, the Netherlands

Project Area: Birendranagar Municipality, Janajyoti Higher Secondary School

Project Duration: October 2011 - December 2014

Aim:

To promote safe and productive re-use of wastes (solid and liquid) for food production.

Project Description:

This project is developed for implementation of WASH programme on productive re-use in urban settlements around Birendranagar Municipality, Surkhet District. For the productive re-use, a transition scenario of Surkhet with focus on urban region to WASH and food security that also includes re-use. Analysis and development of re-use component such as amount, quality, price of water and nutrients and potential users, urban or rural farmers and cost benefit is conducted for the sanitation systems with re-use aspect. Also, a monitoring protocol with indicators on nutrients, water, energy produced, agricultural production and income generation will also be developed based on FIETS framework of WASH and linked with WASH PME framework.



Project Outputs:

- Scenario development for productive reuse
- Developing system and curriculum for agricultural school
- Participatory research with selected urban, peri-urban and rural farmers
- Design and adaptation of re-use component to existing and new sanitation systems
- Training to JTA student on productive reuse and 5R concept, and urine application research with different vegetable
- Support to develop fecal sludge management plan and revision of MWASH plan with incorporation of productive reuse

Target Beneficiaries:

- Personnel working in agriculture sector
- Local people with agriculture as main occupation
- Teachers and students of agriculture school