**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