

„A User-focused Knowledge Base for Goal-oriented Solid Waste Management in Busia“ (UGoS)

Jakob Lederer

Institute for Water Quality, Resource and Waste
Management

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Solid Waste Management



Solid Waste Management





The problem with solid waste...

- **Solid waste can be harmful to peoples health and the environment**
- **Solid waste contains useful materials (metals, paper, plastic, biowaste) or energy**
- **The goals of solid waste management are:**
 - 1) To protect human health and the environment**
 - 2) To conserve valuable resources**
- **Good solid waste management aims to reach these goals!**

Research questions and objectives

■ Research questions

- What knowledge do we need for good solid waste management?
- How can this knowledge be created?
- How can this knowledge be disseminated?

■ Objectives of the project

- To establish the knowledge for good solid waste management

■ Duration of the project

- 15 months – until end 2011

Phase 1 – System description

- **Questionnaire surveys, interviews**
- **Presentation and discussion with you (today)**
- **Results**
 - Problems and concerns with solid waste
 - Opportunities for better solid waste management
- **The results lead to phase 2**

Phase 2 – Action research

- Based on the surveys and today's discussion
- Focus on major concerns and problems
- Together with selected local councils, households, farmers, waste collectors, etc.
- Goal: improvement of solid waste management in Busia
- Phase 3: Final reporting of results (next year)

Expected results

- **Knowledge on good solid waste management, that helps to**

**... contribute to a cleaner & healthier environment
in Busia**

... making better use of resources

... sensitize stakeholders

... develop a good example for other cities

Goal: A cleaner and safer environment



To reach this goal:

We will work a lot and try our best ...

... but we need your participation!

The project team and location

■ Project Team

- Busia Municipal Council (BMC)
- Youth Environment Service (YES) - NGO
- Busitema University (BSU)
- Vienna University of Technology (TUW)

■ Project Location

- Busia Municipality
- Surrounding Villages

Some clarifications in the beginning

- This is a research project, not implementation
- We do not provide skips, dust bins, collection vehicles in this project
- But we assist you to generate knowledge...
- ...and we provide the place to discuss solid waste management issues – like today!

Let us start!

Thank you for your attention!