

# Valorising Municipal Solid Wastes in a Sustainable Way, Addis Ababa, Ethiopia

Dealing with the environmental consequences of rapid growth and urbanization represents a phenomenal challenge to many fast growing cities in Africa. This is particularly true in the area of solid waste management. Addis Ababa in Ethiopia sets an example in valorising waste.

The action-oriented research project "Income generation and climate protection by valorising municipal solid wastes in a sustainable way" (IGNIS) was called into being in order to devise solutions to this challenge. Promoted by the Federal Ministry of Education and Research, Ethiopian and German partners from science, administrative bodies and stakeholder groups have joined forces to carry out the project.

### Objectives and results:

- Development of innovative methods of separating reusable waste from the remainder
- Optimisation of waste recycling and disposal
- Strengthening the health, social status and safety of refuse collection workers
- Creation of permanent jobs
- Preparation of earning material and guidelines on the avoidance, characterisation, reuse and disposal of waste
- Training of refuse collection workers in both the formal and informal sectors
- Evaluation of existing experience and research findings on solid waste disposal
- Development and implementation of climate friendly waste treatment technologies
- Reduction and avoidance of greenhouse gas generation
- Conservation of raw materials by improved resource efficiency
- Direct implementation of research findings in actual projects

Duration: 2005-2013

[www.p-42.de/ignis/front\\_content.php](http://www.p-42.de/ignis/front_content.php)

