

## Advanced Solid Waste Management for Rustenburg Local Municipality Implementation of Mechanical Biological Waste Treatment Facility

### Project Description

In November 2013 INFRASTRUKTUR & UMWELT as Lead Consultant, in cooperation with Mott MacDonald and UTHO, has been assigned to support the implementation of a waste treatment plant for a period of three years. This consultancy is a component of the Waste Management Program, financed by the German Development Bank (KfW) and headed by the South African Department of Environmental Affairs (DEA). The main aim of the project is to achieve compliance with South African waste reduction targets and environmental regulations by applying innovative mechanical and biological treatment (MBT) technologies.

### Results

- Mechanical Biological Waste Treatment Plant for the separation of recyclables on the one hand and the utilisation of the energy content of the non-recyclable waste on the other
- Improved efficiency of municipal waste management services.

### Our Services

- Technical assistance to RLM regarding the improvement of the efficiency of its municipal services;
- Awareness raising measures and public campaigns;
- Training and capacity development;
- Environmental impact assessment and support to licensing process;
- Transaction advisory services, including:
  - preparation of feasibility study for municipal PPP;
  - operator models for waste handling and treatment processes;
- tender documents and drafting of contracts (declaration of interest would need to be signed);
- Supervision of construction and monitoring plans.

### Contact

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#### Sector:

**Solid Waste Management**

#### Countries:

South Africa

#### Location:

Rustenburg Local Municipality



#### Client:

Rustenburg Local Municipality

#### Partners:

Mott MacDonald PDNA, UTHO

#### Financing:

KfW Entwicklungsbank

#### Duration:

11/2013 – 01/2017