

Further project information

Company name	KNOTEN WEIMAR Internationale Transferstelle GmbH
Project title	The development of a provincial hazardous waste management plan for Limpopo province, South Africa
Short description of the project	In order for local authorities to be able to render sustainable waste management services, it is crucial that the necessary funds are generated and for this reason it is important that tariff structures are established that will enable the municipality to recover the costs for service delivery and to educate the community on environmentally sound waste management practices. While the dividends from education and awareness programmes are difficult to measure in the short term, they are an important part of a sustainable waste management strategy. The constraints and limitations of the South African economy must also be recognised and it is important that tariff structures remain realistic and appropriate for the community where they are applied.
Project classification	Training, Capacity Building
Key words	Waste collection and transport, Composting, Sorting, Recycling, Landfilling, Capacity Building, Training
Benefits to the environment:	Data collection and waste analysis, characteristics of the waste- current strategies, systems and practices for collection, treatment, disposal of waste
Effects on the optimisation on hygiene, occupational health and safety:	Present options that incorporate existing practices in the most practical manner- Present options in a holistic manner because any waste concept must provide for an integrated approach- Address the bio-physical, environmental, and financial cost implications of alternative systems and the environmental benefits that can be derived through alternatives to existing practices- Be based on the principles of the waste management hierarchy- Specifically include methods to reduce the volume of the current waste stream and any less expensive yet sustainable options
Effects on the sustainable qualification of employee:	Waste prevention, minimisation and recycling- Waste collection and transportation, Waste treatment and disposal- policy, legislative, economic and financial instruments
Other effects:	Public information, awareness and communications about environment issues and impacts- Monitoring of the implementation of an integrated waste management plan □
Essential parts of the implementation, status quo and open questions or issues:	Status quo Analysis- feasibility study - development of an integrated waste management plan
What make the project attractive?	Combination of practical and scientific work and knowledge transfer
What information were helpful at the start of the project?	Personal contacts to the African project partners