



USAID
FROM THE AMERICAN PEOPLE



PEPFAR
U.S. President's Emergency Plan for AIDS Relief



Medical Biotech Laboratories

Dawit Wolday

Founder, DaZeb Medical Waste Management Services

Executive Director, Medical Biotech Laboratories

October 29, 2015



SHOPS is funded by the U.S. Agency for International Development.

Abt Associates leads the project in collaboration with:

Banyan Global

Jhpiego

Marie Stopes International

Monitor Group

O'Hanlon Health Consulting



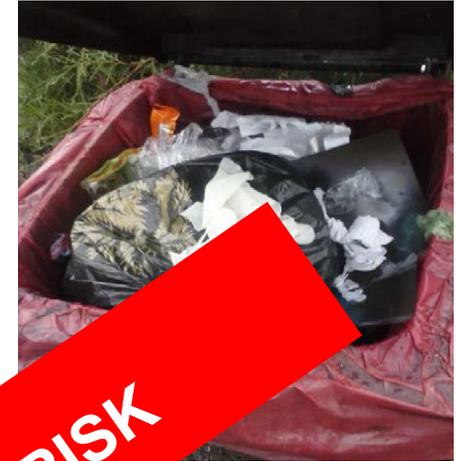
Current Medical Waste Practices in Ethiopia

- Improper medical waste segregation practices at generation HF sites

→ Increased volume of waste

- Illegal dumping in open field or with municipality garbage

→ Risks of infection & exposure to hazardous chemicals to the community



HIGH RISK

Current Medical Waste Practices in Ethiopia

- Materials used for waste collection are not standard

→ Risks of infection & exposure to hazardous chemicals to patients, health-care workers and the community at large

- Make-shift pits or low-tech incinerators

→ Environmental pollution



HIGH RISK

The DaZeB Solution



DaZeB

Medical Waste Management
Services PLC

=

Comprehensive Medical
Waste Management

Hospital Waste Disposal Process

01



Hospital Waste
Generation

Training
Standard SOPs
Management

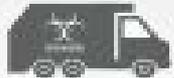
02



Packaging &
Storage

Training
Standard SOPs

03



Hospital Waste
Generation

Training
Standard SOPs
Management

04



Treatment &
Disposal

Policy
Technology
Regulations
Envir Impact

Our Services



- Training for medical facilities personnel how to classify, segregate and store medical waste generated
- Production and distribution of standard materials for safe collection of medical waste
- Safe transport from health facilities and disposal at waste plant site



Challenges



- Obtaining land
- Letter-of-Credit for importation
- Access to additional finance – expansion

Achievements

- Medical Waste Plant Site renovation complete
- Vehicles customized
- Incinerator purchased and being imported
- Waste bag machine installation in progress
- MOUs with public and private health facilities





Dawit Wolday
dawwol@gmail.com

