

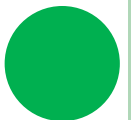


**CLINICAL WASTE MANAGEMENT FOR MINISTRY OF
HEALTH AND WELLNESS AT ALL HEALTH FACILITIES IN
BOTSWANA**

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- The responsibilities of each actor

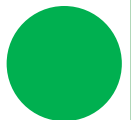


INTRODUCTION



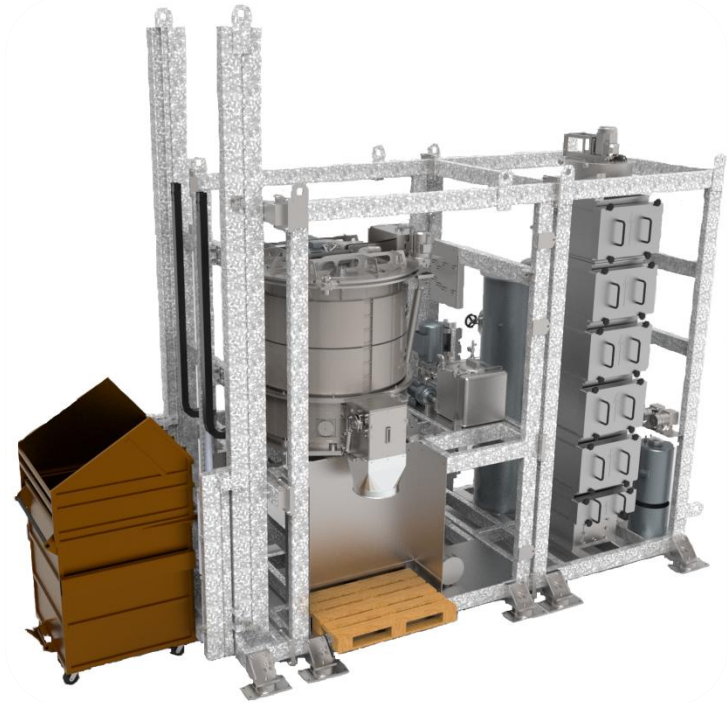
OMPECO is an Italian manufacturer of a patented waste treatment technology: **Converter®**

The Converter does not create **any kind of pollution**, no smoke is created while treatment and no incineration is used. All the process is performed in **negative pressure** excluding the risk of explosion. The treated product is **completely dry and finely shredded** making the waste unrecognizable and safe to manage and stock for long periods.

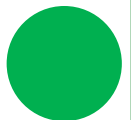


Converter is a device that shreds and dehydrates waste.

It uses a simple working principle: **mechanical shredding of the waste** with a big blade providing a completely dry and inert material.



The waste is loaded into the sterilization treatment chamber and the automatic process that lasts **30 minutes** begins.



The main advantage of this technology is a massive volume reduction of the waste up to 70%-80% and its weight reduction up to 50%.



Placing the equipment right in the place where the waste is produced in the hospitals provide several benefits for internal waste treatment.

- 1. Low cost of waste management**
- 2. Internal waste register**
- 3. Easy maintenance procedures**

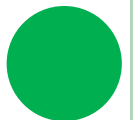
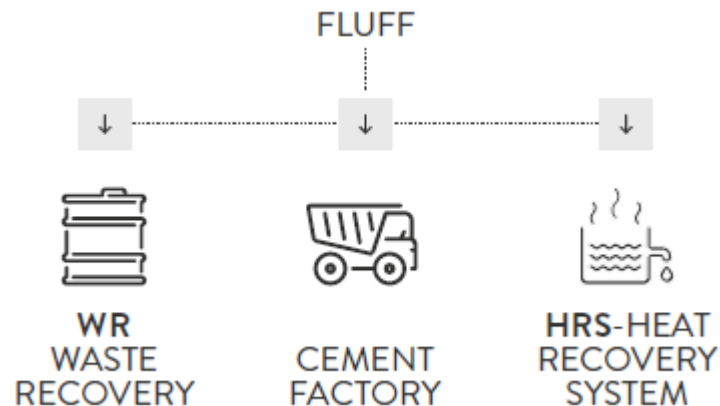




At the end of the treatment the final product is a completely **unrecognizable flock** or “fluff”.

Converter transforms the waste into a new resource.

This reusable material is considered a **Refuse Derived Fuel** and can find new application.



THE ACTORS

OMPECO srl

owner of the Converter technology

LOCAL PARTNER

A Botswana Company partner of OMPECO



THE PROJECT

Procurement of services for clinical waste management for ministry of health and wellness

Project details:

- 5 years of contract
- Regions of package A: The Southern, Kgatleng and Kweneng Region
- Estimated Monthly collected waste for Package A: 152 ton/month
- Regions of package B: Kgalagadi Region
- Estimated Monthly collected waste for Package B: 68 ton/ month



Creation of the treatment center.

Treatment center details:

- Installation of N. 2 converter H2000
- Treatment capacity: 4-6 ton/day
- N.6 new truck specific for medical waste collection



THE RESPONSIBILITIES OF EACH ACTOR

LOCAL PARTNER

Must have a certified building for the waste treatment and storage, complete with electrical cabinet and all necessary water and electric connections

Will provide the 6 truck

OMPECO srl

Will produce and install the 2 converter H2000

Will also provide all necessary spare parts

