



OMPECO

**OIL AND GAS
WASTE
MANAGEMENT**



We are an Italian manufacturer of a patented waste treatment technology: Converter®

We have more than 20 years of experience.



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 rotative blade providing a completely dry and inert material with no smell, no bacteria or virus in it.

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

During the mechanical process, the waste is finally shredded, pasteurised or sterilized and dried and then discharged into the discharge bin and vacuumed inside anti-cut plastic bags.

ADVANTAGES

-80%
VOLUME

-50%
WEIGHT

Long storage with no risk of contamination.
The main advantage of this technology is a massive volume reduction of the waste up to 80% and its weight reduction up to 50%.



Placing the equipment right in the place where the waste is produced provides many benefits for internal waste treatment.

1. **Massive reduction of the logistic costs**
2. **General reduction space required for waste management**
3. **Simplified waste management**
4. **Minimized contamination risk**
5. **Bad smell elimination**
6. **The treated waste can be stored up to 3 months inside vacuum bags without refrigeration**



The range includes different capacities, from 15 kg/h to 160 kg/h. This is a flexible solution for the waste generated by 150 to 1500 people.



Specially designed air extraction system prevent the fluff from contact with the environment and make the **storage completely safe**.

A **vacuum bag** collects the cycle output and seals it for long period of time, making it possible to store it at room temperature.

Low consumption and easy operation make this machine an essential part of waste management on offshore and onshore platforms.

OIL AND GAS INDUSTRY



Oil and Gas industry requires a high concentration of staff in restricted spaces, where solid waste may cause various problems.

Converter is a technological and green solution for this problems. UMM Shaif Gas Inhection Facilities is already equipped with Converters NV100.



OIL AND GAS ONSHORE



Oil and Gas on shore facilities also require a well managed waste handling system where Converter plays a key role. The distances from the urban centers makes it extremely expensive to transport the waste without pretreatment. Converter output is reduced by more than 50% in weight making it **cheaper to transport waste** to the electricity generation facility.



IN THE WORLD



This solution is applied in **25 countries** in different industries and fields of activities, including hospitals, treatments centers, offshore platforms, military ships and commercial malls.

