



30 °C

OMPECO

**URBAN
WASTE
TREATMENT**



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.

ADVANTAGES

-80%
VOLUME

-50%
WEIGHT

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



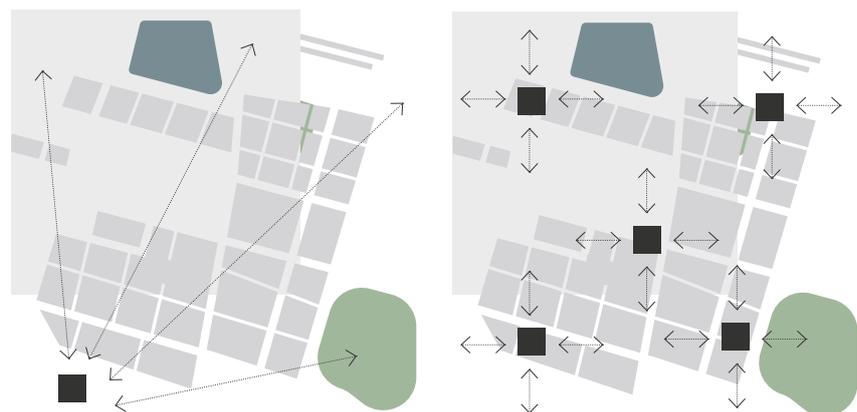
Placing the equipment right in the place where the waste is produced provides many benefits for internal waste treatment.

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

FLEXIBLE SOLUTION



The range includes different capacities, from 15 kg/h to 2000 kg/h. The smallest units look like a washing machines and industrial units are 16 tons of weight. This portfolio makes it a flexible solution to any kind of need from a single house compound to a big treatment center.



**TRADITIONAL SYSTEM
INCINERATOR**

**CONVERTER
TECNOLOGY**



All the household and domestic waste created in buildings may be treated locally in the basement of the building. The output is reduced by more than 50% in weight making it cheaper to transport waste to the electricity generation facility.

COMMERCIAL MALLS



In the commercial malls **Converters are used to reduce huge amounts of packaging and making it easier to handle urban waste.** The treated waste is considered Refuse Derived Fuel and can be used to create energy or sold on the secondary market.



THE PORTS



According the EU regulation n 2087/2015, **the ports should be equipped with waste treatment facilities to sterilize waste originated a board of international ships.** This waste is considered potentially dangerous and may be treated with converters. For the airports Converter is also the best solution to treat incoming on board waste.



DISTRIBUTION



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.

