Sutco®
LM GROUP



MECHANICAL-BIOLOGICAL TREATMENT (MBT)

WE GET THE BEST OUT

MECHANICAL-BIOLOGICAL WASTE PROCESSING IS USED FOR:

1. **Reducing the volume of the waste to be dumped and preserving the required landfill volume.**

2. **Reducing the biological activity of the organic fraction such that smallest possible volumes of landfill gas escapes in an uncontrolled manner.**

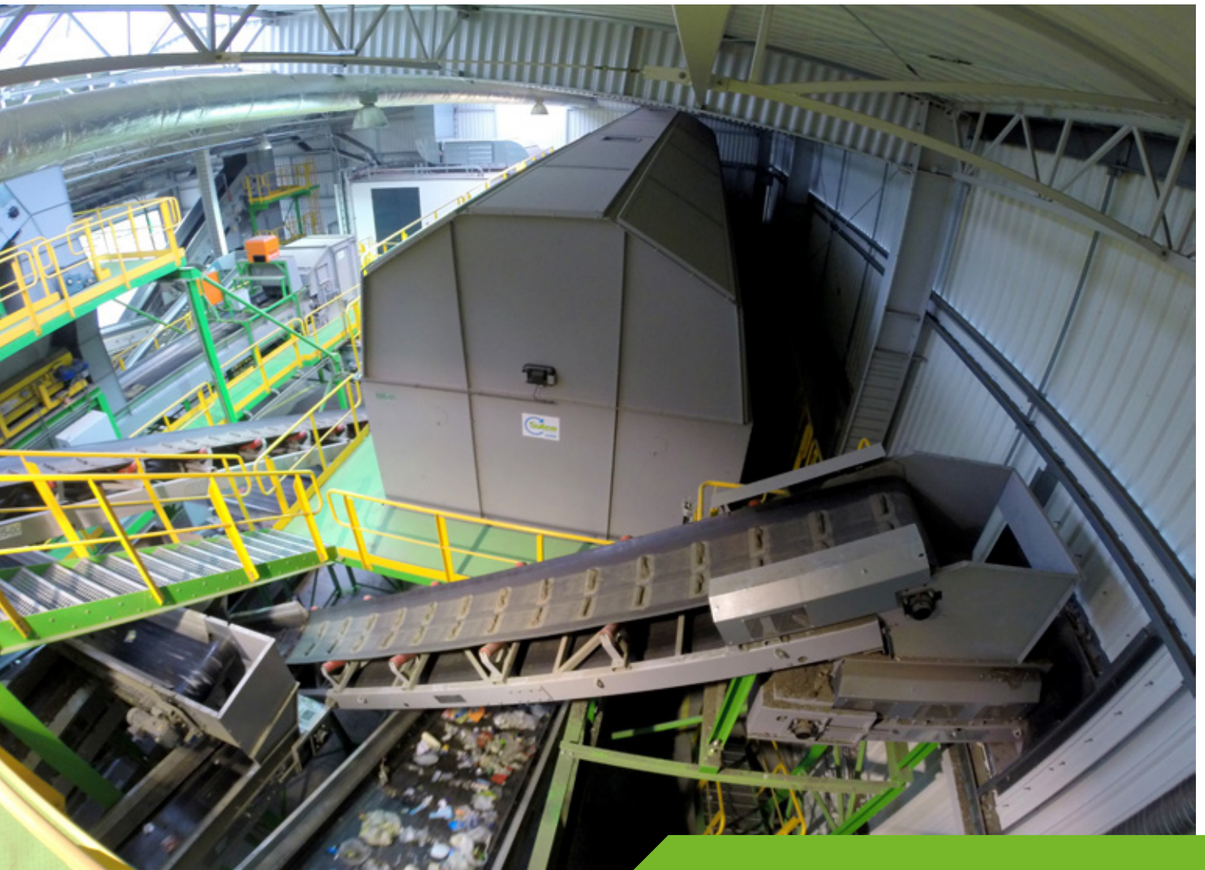
3. **Minimizing the quantity of harmful substances entering the groundwater together with the leachate.**

THE INPUT MATERIAL IS SUBJECTED TO VARIOUS PROCESS STEPS.

For example, here it passes the crushing process as a coarse preliminary sorting. Then, the material is screened several times and divided to form several material streams, passing the separation of ferrous and non-ferrous metals. If required, the fractions are manually sorted in coarse, medium and fine material. The coarse fraction includes film, paper, hard plastics, wood etc. separated from heavy and interfering material again. This material is disposed of separately. This produces a highly calorific fraction which can be used as fuel in RDF power plants.

The fine fraction is conveyed to the biological section of the plant where the material is subjected to a further anaerobic treatment by a composting process to significantly reduce the organic substances. The biological activity is complied with the specified parameters of the respective country.

The MBT equipment and the associated division degree of the material streams depend on the components of the respective country's waste management system.



SUTCO®-ROTTING SYSTEMS, DURABLE AND EFFECTIVE

OPTIMISED WASTE TREATMENT

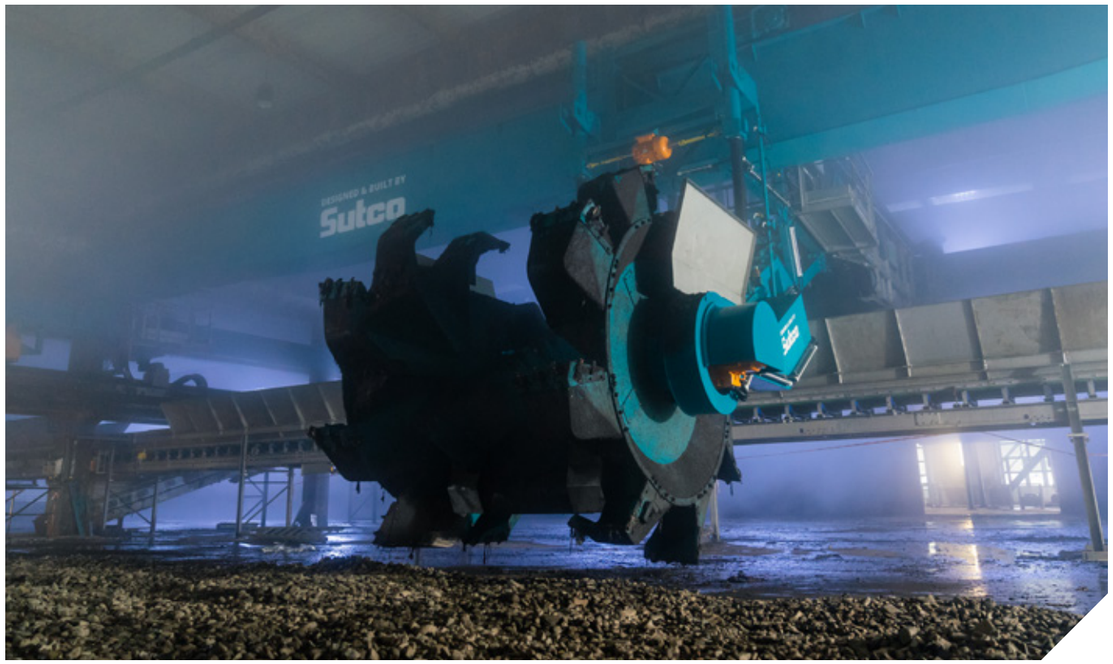
BIODEGMA® technology offers robust and durable solutions for optimised aerobic waste treatment process.





WINDROW COMPOSTING

The WENDELIN windrow turner and our biological processing units have been developped for the aerobic treatment of different quantities of organic waste.



TREATMENT PLANT (MBT)

08/2025

The mechanical-biological waste treatment (MBT) is material-specific waste treatment which can be recycled from a material and energetic point of view. The waste to be treated is refuse from households and companies (household waste or industrial waste similar to household waste and vegetable waste).

The following waste fraction can be produced during treatment:

WASTE...

- FOR MATERIAL RECYCLING
- FOR ENERGETIC RECYCLING
- FOR THERMAL TREATMENT
- FOR BIOLOGICAL TREATMENT AND SUBSEQUENT LANDFILL





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