



Lobau composting plant

Biogenic waste treatment



The Lobau composting plant turns biogenic waste collected in the bio-waste bins in the green belt and less densely populated parts of Vienna, at waste treatment centres, and by the Vienna Parks and Gardens (Municipal Department 42) into compost by means of open composting. The compost is used in organic farming and to produce garden soil, and is available for free at many Vienna waste collection centres.

COLLECTION

27 collection vehicles start their tour at the composting plant to collect clean biogenic waste (e.g. from organic waste bins in the greener outer districts of Vienna) for composting. They collect only plant matter, such as tree and shrub cuttings, leaves, lawn clippings, windfall fruit, wilted flowers, as well as vegetable and other plant waste.

Since opening the Vienna biogas plant in autumn 2007, all waste collected in the bio-waste collection containers in the inner districts has been taken there for fermentation.

TREATMENT

The collected material is shredded, sifted and screened in the mechanical treatment unit. Then, it is mixed with chipped branches to provide structure and moistened with water. This is the raw material for composting.

COMPOSTING

The material is spread in windrows. Throughout the entire composting process, the material is regularly turned with compost turning machines and kept moist with service water from the on-site well. This ensures the necessary aeration while maintaining the right water content. Runoff and rainwater are collected in a system of gutters and drains and fed into the sewers.

NUTRIENTS AND SOIL IMPROVEMENT

Compost is a black, porous, fine-grained and nutrient-rich humus substrate. It improves the soil's water regulation and aeration and makes it easier for roots to spread out.

USES FOR VIENNESE COMPOST

- Production of specialist soil
- Organic farming and parks in Vienna
- Available for free at some waste collection centres (up to 1/2 cubic metre)



FACTS AND FIGURES

- Opened in 1991
- 5.2 ha of paved, waterproof composting surface
- Input: 100,000 tonnes of plant matter/year
- Output: 40,000 – 50,000 tonnes of plant matter/year grade A+ compost

QUALITY LABELS

- Austrian compost quality label since 2002
- European compost quality label since 2015
- Highest quality grade A+
- Suitable for organic farming

TOURS

- May to October (good weather only)
- 5 to 25 participants
- Visits for groups of 10 people or more can be arranged outside the usual times
- Arrange a visit:
+43 1 4000 48021
besichtigung@ma48.wien.gv.at

CONTACT

Lobgrundstraße, 1220 Vienna
email: post@ma48.wien.gv.at