



BEWA BOX₁₂

BDW = Biologically degradable waste

TECHNOLOGICAL CONCEPT

- Reinforced concrete constructions, watertight concrete, termoisolation of walls and roofs
- Aeration from the floor tubes
- Drainage of the infusion and condensate into an enclosed tank
- Measurement of the temperature inside the fill as well as the oxygen content and temperature of the air
- Passable (24m) and not passable variant (12m)
- Biofilter with a filtration layer from biomass
- Automatically controlled aeration and inner layering system of the fill
- Rolling doors

BIOWASTE SUITABLE FOR THE TREATMENT

- BDMW separately collected in brown containers
 - shortly cut grass
 - leavings from the garden beds
 - fallen fruits
 - households leftovers (of both plant and animal origin)
 - non-recyclable types of paper
- Sediments from the municipal water treatment plants
- Sediments from the pulp mills and paper producers
- Sediments from the wool production
- Straws from cereals, rapes, sorrels, and ground corns
- Hay
- Green wood chips from the maintenance of the landscape greenery
- Wood shavings and fillings
- Bark of the coniferous and deciduous trees
- Dry Reed and Typha plants
- Sugar beet bagasse

**SOLUTION
FOR A CLEANER
FUTURE**
BEWA BOX



BENEFITS OF BEWA BOX

- Elimination of smell (stabilization) – treatment within an enclosed space
- Efficient treatment of sediments from pathogenic waste – sediments from municipal industrial water treatment
- Fully automated treatment process, all year round
- Operation with the limit of temperature at -10°C
- Processing capacity (considering a continuous all year round operation) is between 1500 and 2000 tones a year
- Time required for an individual loading is about 7-14 days
- Suitable for arid regions



Dung and litter of farm animals



Wastes arising from the water supply industry



Wastes from forestry and agriculture



Gastrowaste



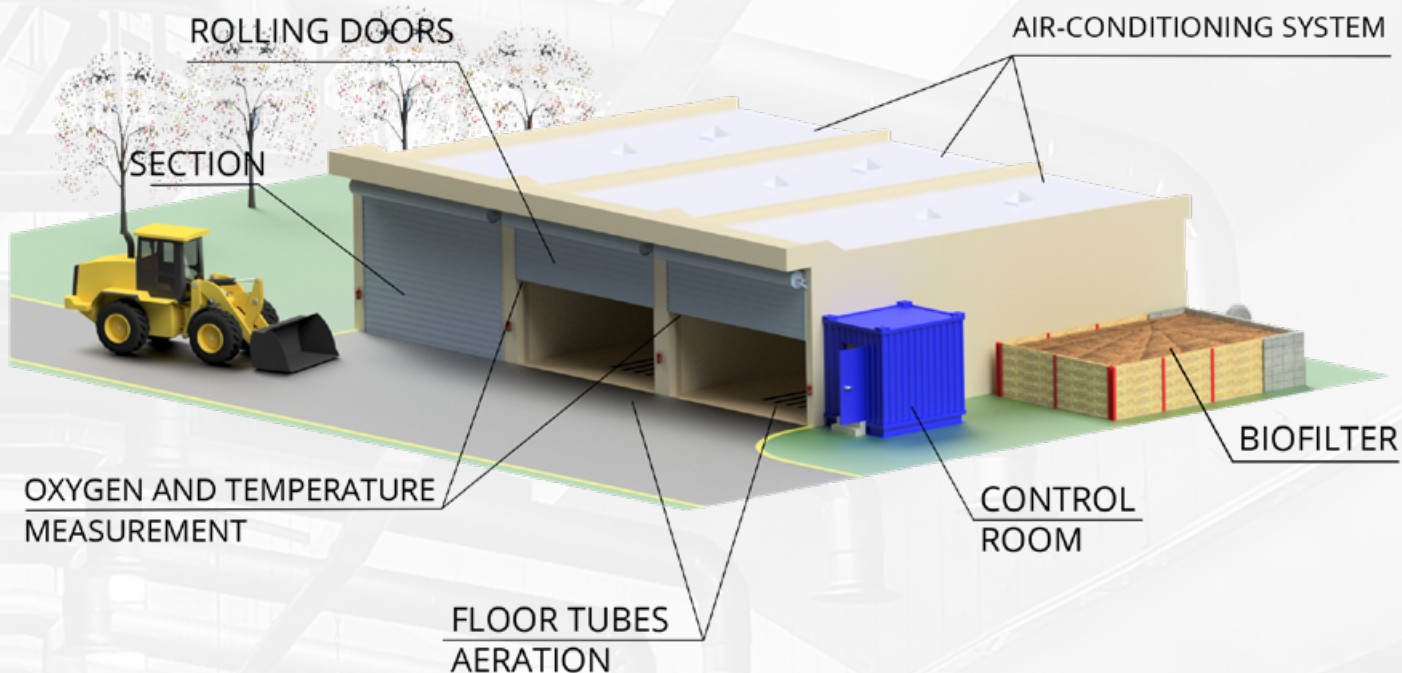
Agricultural waste



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BEWA BOX₁₂



ON THE MARKET SINCE 2007

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BASIC DATA	
Length	12 000 mm
Width	6 000 mm
Height	4 000 mm
Capacity of operation space	150 m ³
Weight of one load	75 tones
Power input	5 kW/section
Operating cycle (passable type)	7-10 days
Operating cycle (not passable type)	10-14 days



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