



Hamburg - ORS Stade

Biowaste separation technology



High rate waste dissolvers



Heavy fraction from dissolvers

Plant inputs	20,000 Wet Tonnes/annum Source segregated household biowaste Food waste with packaging 20% inert
Separation technology	Pre screening < 50mm Waste dissolvers x 2. High rate disintegration Waste maceration
Digestion, Biogas and Bioenergy engineering	Biological hydrolysis Pasteurisation, CAT 3 Compliant 2 x Mesophilic digesters Cake product for aerobic composting 1.4 MWe CHP

Key Benefits	Separation plant removes contaminants High feed variation managed by technology Clean organic slurry prepared for digestion process Clean compost produced for agricultural recycling
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