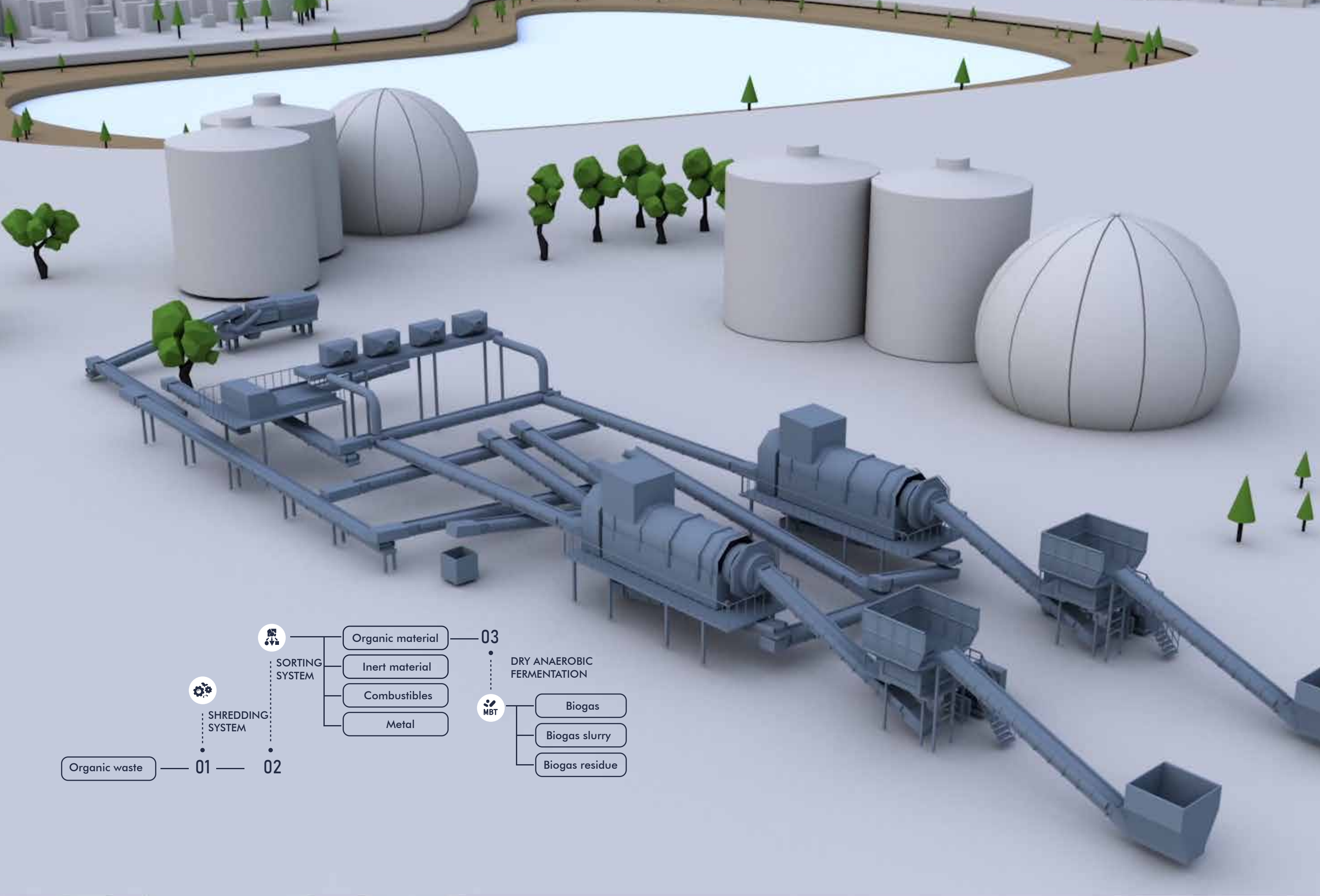


A 3D architectural rendering of an industrial organic waste processing facility. The scene includes several large, light-grey cylindrical storage tanks in the background. In the foreground, there are two large, complex machines with multiple rollers and conveyor belts, likely used for shredding or sorting waste. A conveyor belt system is visible on the right, leading to a hopper or collection bin. The ground is a flat, light-grey surface. In the far background, there are some stylized green trees and a curved horizon line. The overall aesthetic is clean and modern, typical of industrial design visualizations.

**JONO<sup>®</sup>**

8 SOLUTIONS

# **ORGANIC WASTE**





# Ningbo

## Organic Waste Treatment Plant

# 800

t/d

CHINESE LARGEST  
MBT PLANT DEALING  
WITH ORGANIC WASTE



### ● Ningbo organic waste treatment plant

Ningbo kitchen waste plant is the first project in China applying the World Bank loan for the MSW disposal. JONO has been qualified as EPC general contractor for kitchen waste pre-processing system, anaerobic fermentation system and aerobic composting system of this project.

The impurities rate of input organic waste in this project is more than 30%, that includes plastic (PP, LDPE), ferrous, paper (napkin, diapers) and so on. In order to purify the organics, mechanical presorting system is applied to produce the organics with high purity (95%), afterward those organics be bio-degraded by anaerobic digestion and biogas is produced. The biogas production is around 80-90m<sup>3</sup>/t with about 55% of methane.

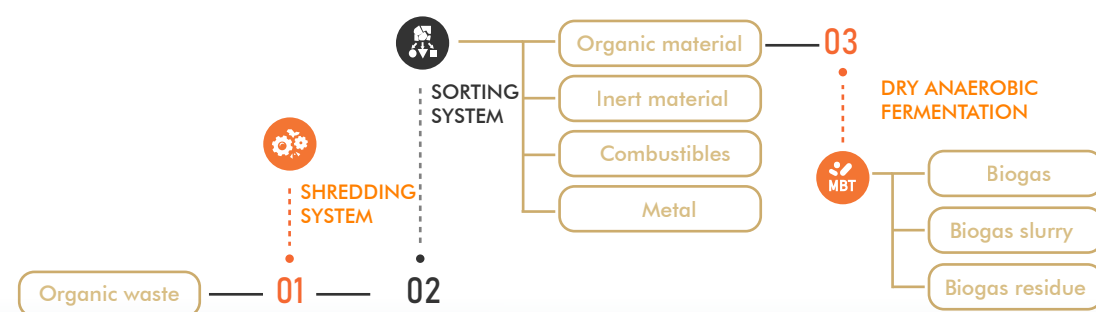
At present, the actual processing capacity of a single production line of the pretreatment system is twice the design processing capacity, and can run continuously for 20 hours per day.



# ORGANIC WASTE

Organic waste mainly includes kitchen waste, food waste, fruit and vegetable waste, and garden waste.

As the organic waste is perishable and odorous, organic waste treatment processes currently have the status quo of complex design and poor control of the plant environment. Based on the characteristics of organic waste in China and European treatment processes, JONO adopts MBT processing mode and coprocessing modes to realize a higher resource utilization rate of organic waste.



The details are subject to the actual situation of the material. It is for reference only.

Huzhou  
Organic Waste  
Treatment Plant

400 t/d



Chongqing  
Organic Waste  
Treatment Plant

400 t/d



Shanghai  
Organic Waste  
Treatment Plant

400 t/d





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