WASTE TO ENERGY

ONE-STOP SOLUTION FOR WASTE TREATMENT

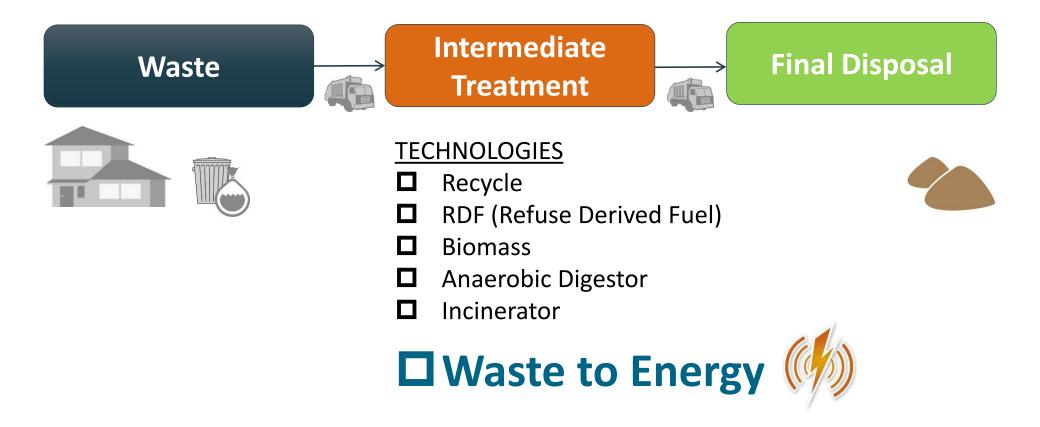
14th January 2021



1. Benefit of Waste to Energy



The Highest Value-For-Money Solution!

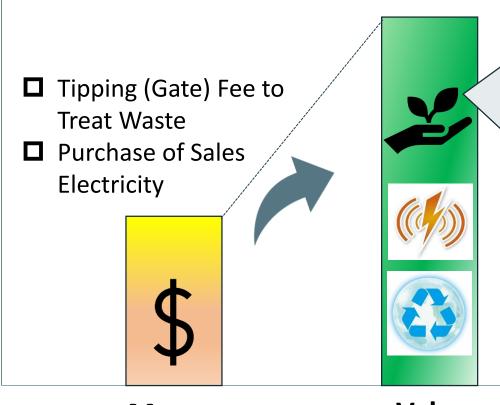


1. Benefit of Waste to Energy



The Highest Value-For-Money Solution!

The Waste to Energy plant enable to maximize the social value and economical value for intermediate treatment at the project site.



Money
(Born by Public Sector)

Value (To Social)

□ SOCIAL VALUE

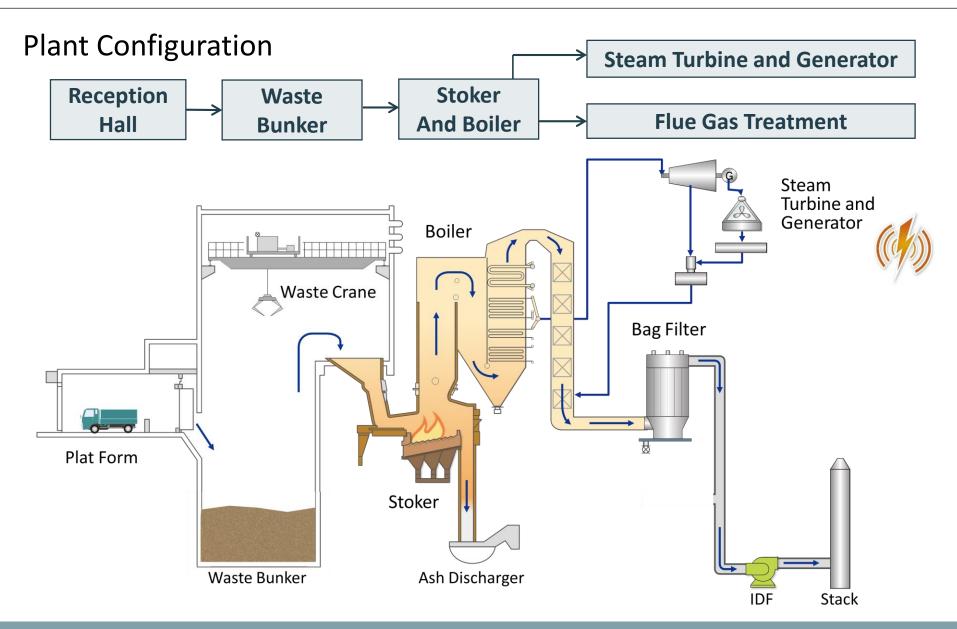
- Waste Weight Reduction
- Generation of Renewable Energy
- CO₂ Reduction
- Sanitation Treatment
- Achievement of Public Environmental Policy

□ ECONOMICAL VALUE

- Prolongment of the Life of Final Disposal Site
- Creation of Job and Industry
- Establishment of Sustainable Society

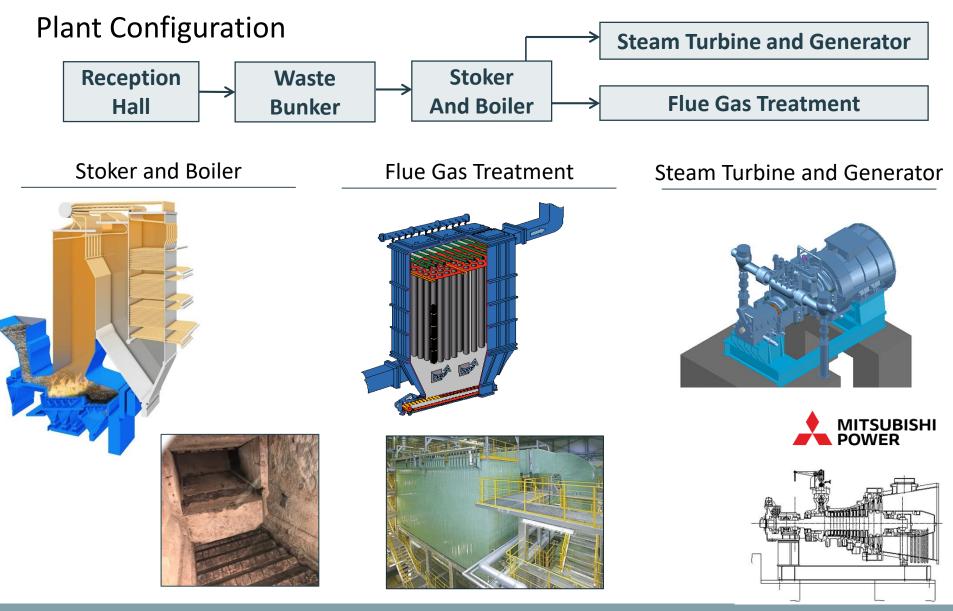
2. Waste to Energy Technology





2. Waste to Energy Technology





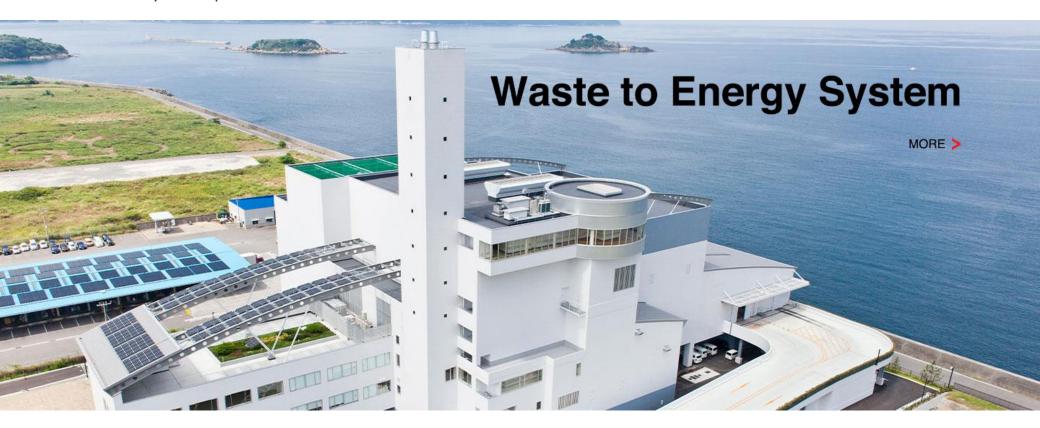
3. Waste to Energy in Japan



☐ More than 200 Waste to Energy Plants are operating in Japan.



■ More than 70 % of public waste treatment plant is recently constructed under PPP* structure in Japan . * PPP means Public Private Partnership project of DBO, BTO, BOT and BOO to utilize the vitality of the private sector at the maximum.

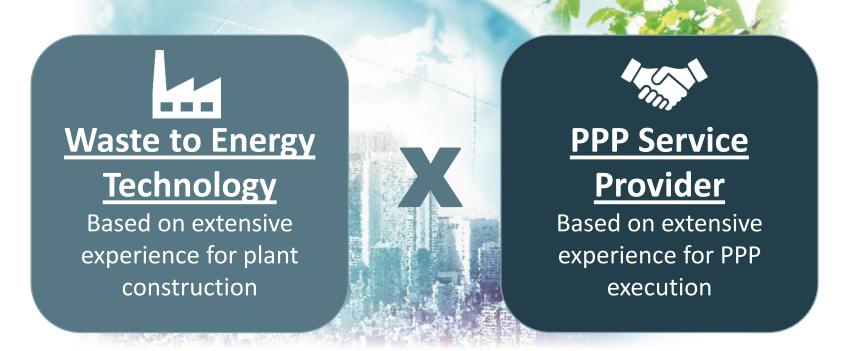






One-STOP Solution for Waste Treatment

By providing our reliable WTE technology and optimized PPP services including operation and maintenance to achieve stable and long-life plant operation.



4. Waste to Energy in Singapore





6th Waste to Energy Plant is now under construction as PPP Project

It will generate <u>120</u> MW (net) and be the highest efficient plant in Singapore.



End user	NEA
Location	Tuas, Singapore
Processing object	Municipal Solid Waste
Operation	2021
Project	DBOO (EPC + O&M for 25years)
EPC Contractor	MHI-AP
Design	4,200 tons/day -1,050 tons/unit
Capacity	4 unitsSTG: 68MW X 2units

4. Waste to Energy in Singapore



DBOO Structure



Design, Build, Operate and Own

6th Waste to Energy Plant is now under construction as PPP Project



One-STOP Solution for Waste Treatment

MOVE THE WORLD FORW➤RD

MITSUBISHI HEAVY INDUSTRIES GROUP

5. Waste to Energy in Indonesia













Save Energy
Sustainable Energy
CO₂ Reduction

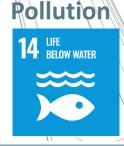




WASTE TO ENERGY PLANT

Partnership with Local Companies
 Creation of Job and Industry

Environmental Education
Prevention of Marine Plastic





17 PARTNERSHIPS FOR THE GOALS



8 DECENT WORK AND ECONOMIC GROWTH



