



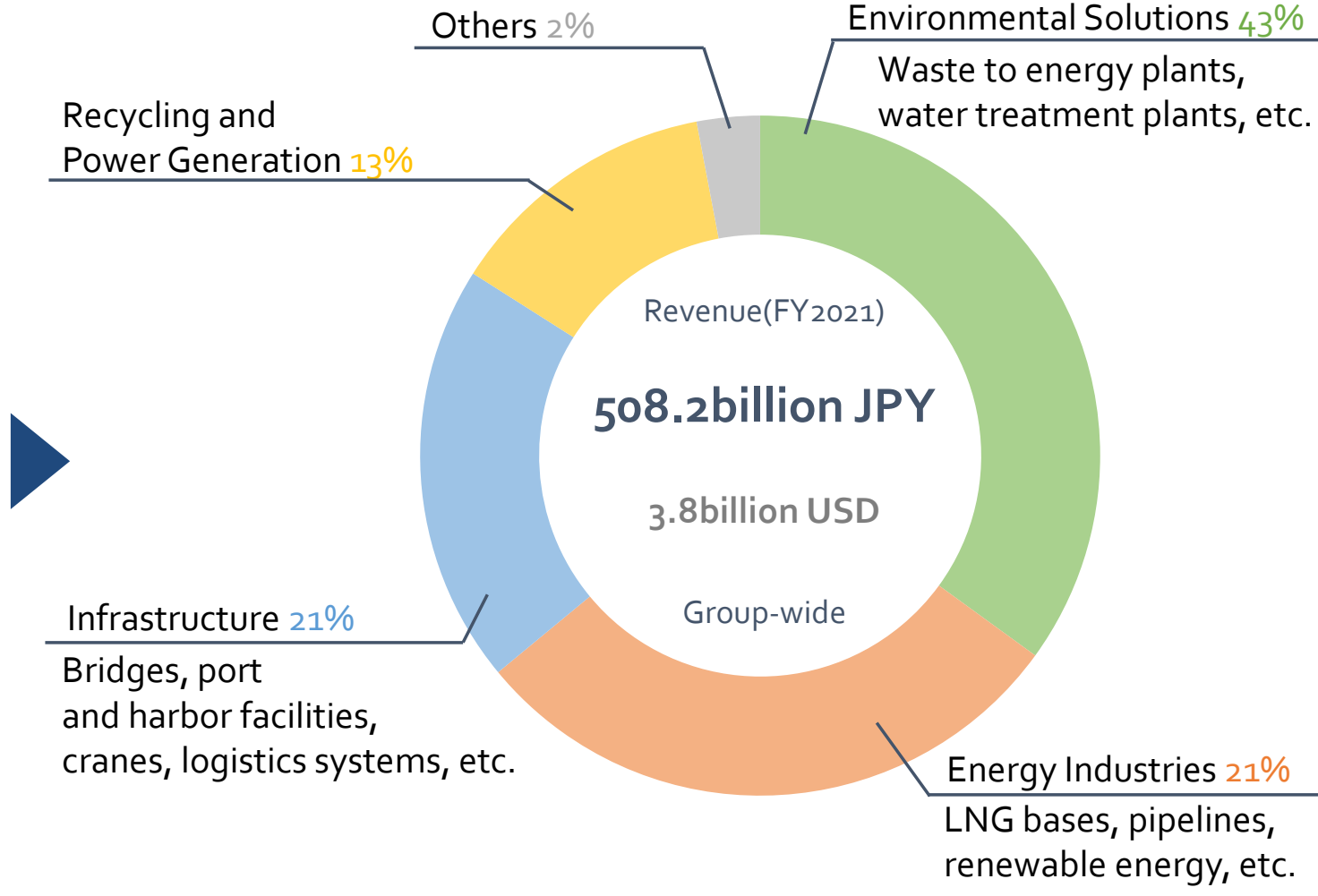
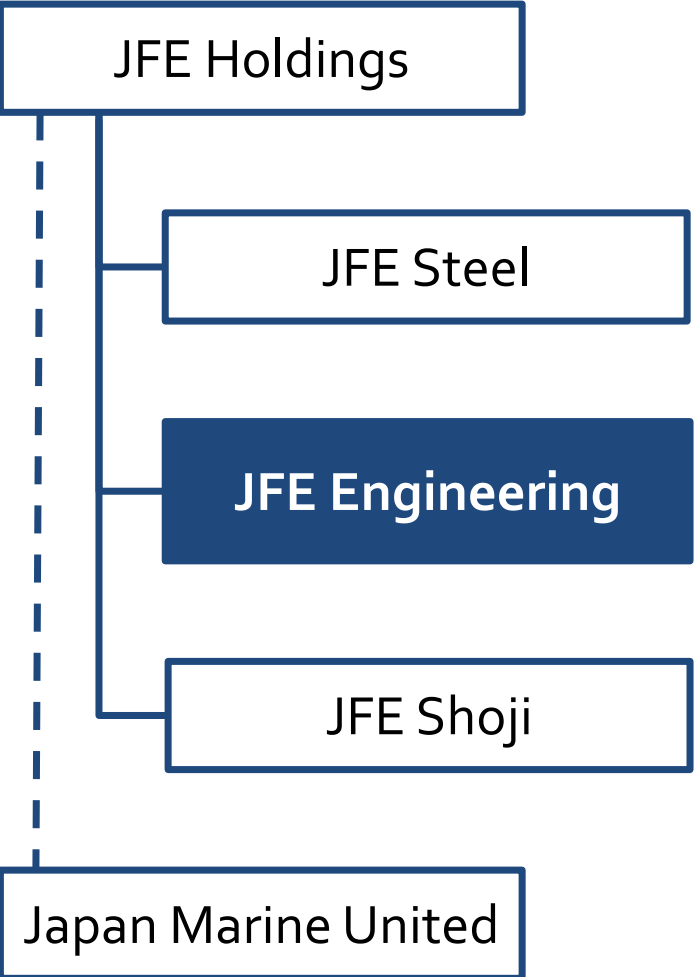
25 August, 2022

Just For the Earth - decarbonization through our waste-to-resource solutions



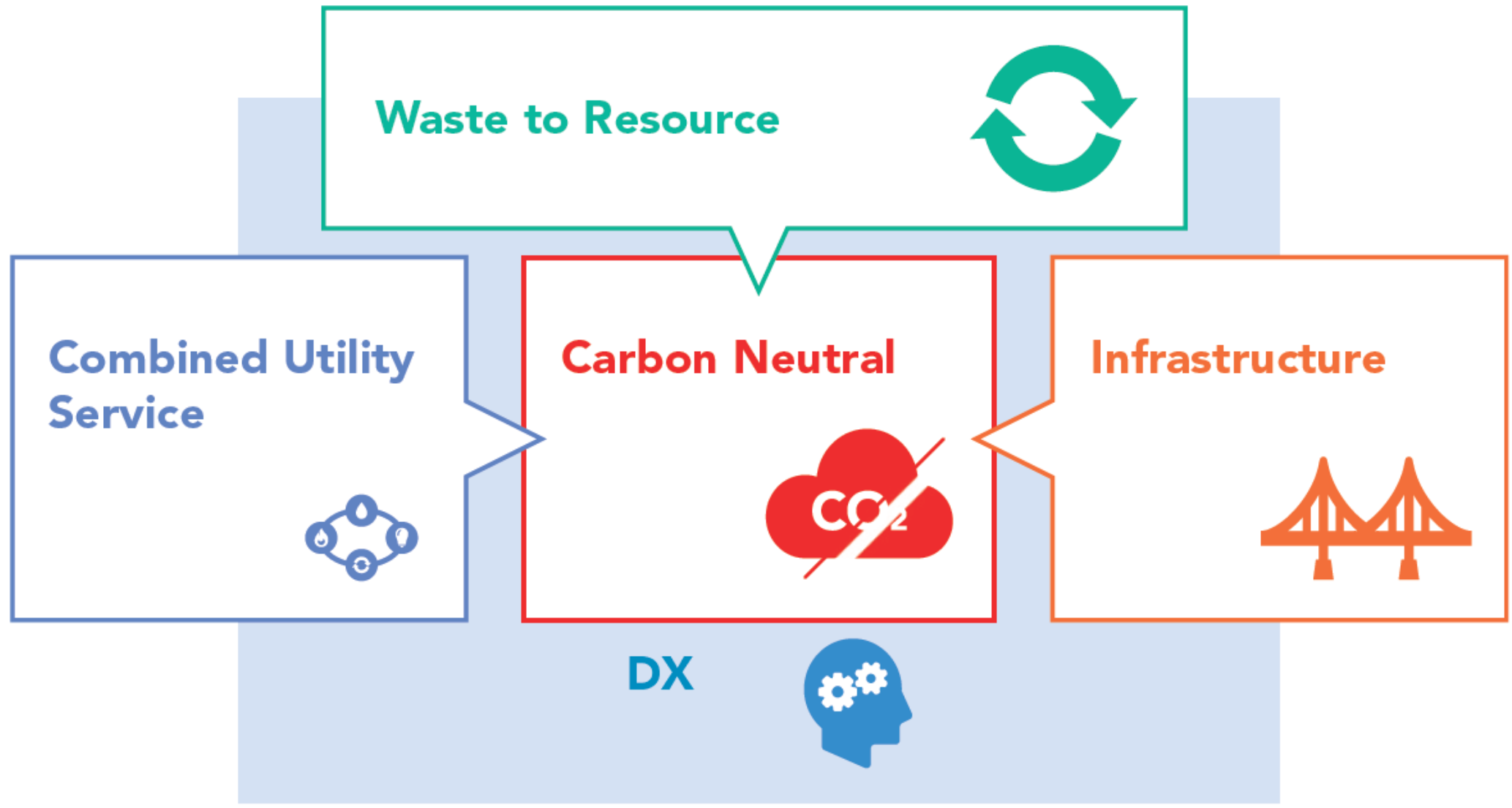
JFE Engineering Corporation

JFE for sustainable cities and communities



Ex-rate: 1USD ≒ 133.66JPY

Five Initiatives for 2030 - Focusing on the Circular Economy





Kenya, Decarbonization
[Project]: Olkaria II Geothermal Power Project OG105 Steam Field Development
[Place] Naivasha, Olkaria
[Completion] 2003



CH4 Emission

**Pest, Odor, Fire, Water &
Air Contamination**

Global Warming

Pollution

**Hazardous situations
for the communities
and local economies**

Land Availability

**Difficult to secure new
Landfill space**



Emission level is lower than environmental standard

Waste Heat Reuse for Local Community

Close to waste generator and short transportation distance



Waste to Energy Plant in Yangon City

[Expected GHG Emission Reductions] 4,067 tCO₂/year (average)

[Location] Shwe Pyi Thar Township, Yangon City

[Project participant (Myanmar)] Yangon City Development Committee

[Project participant (Japan)] JFE Engineering Corporation

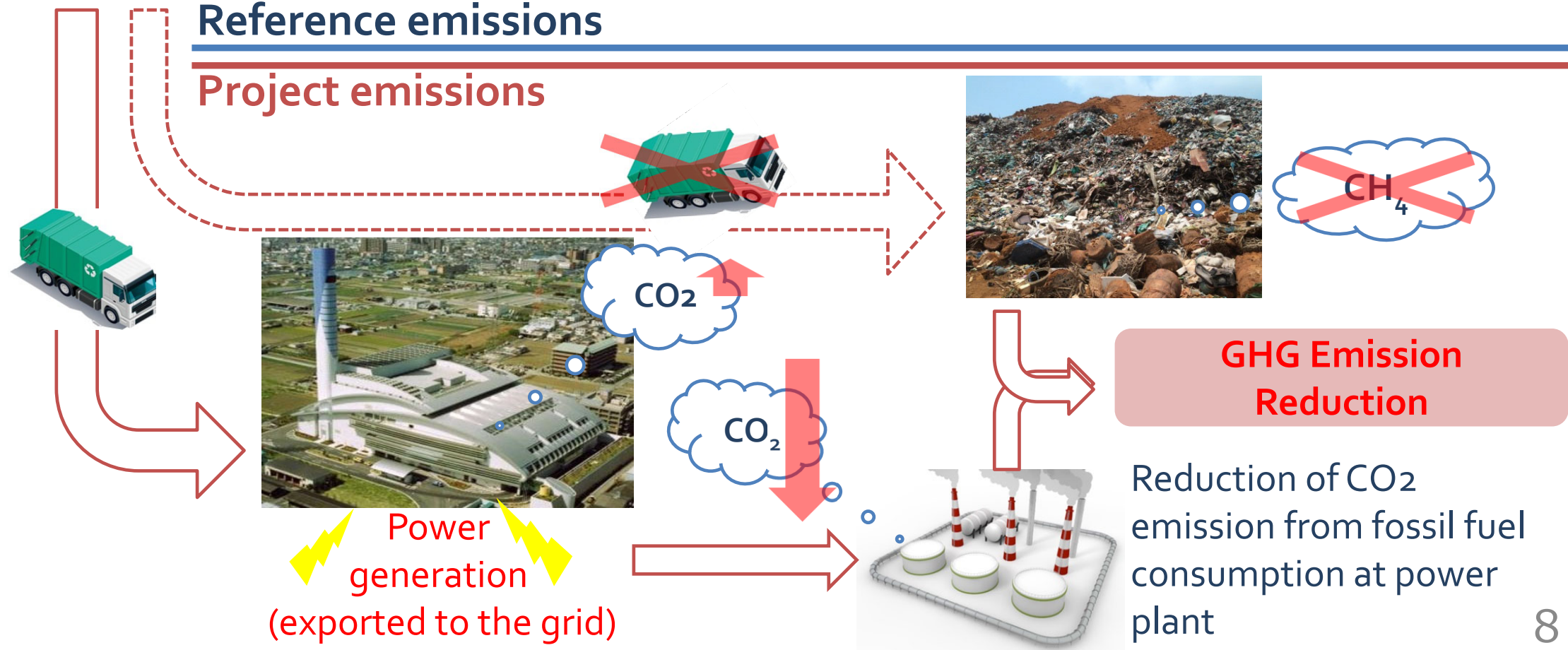


Photo : Takahashi



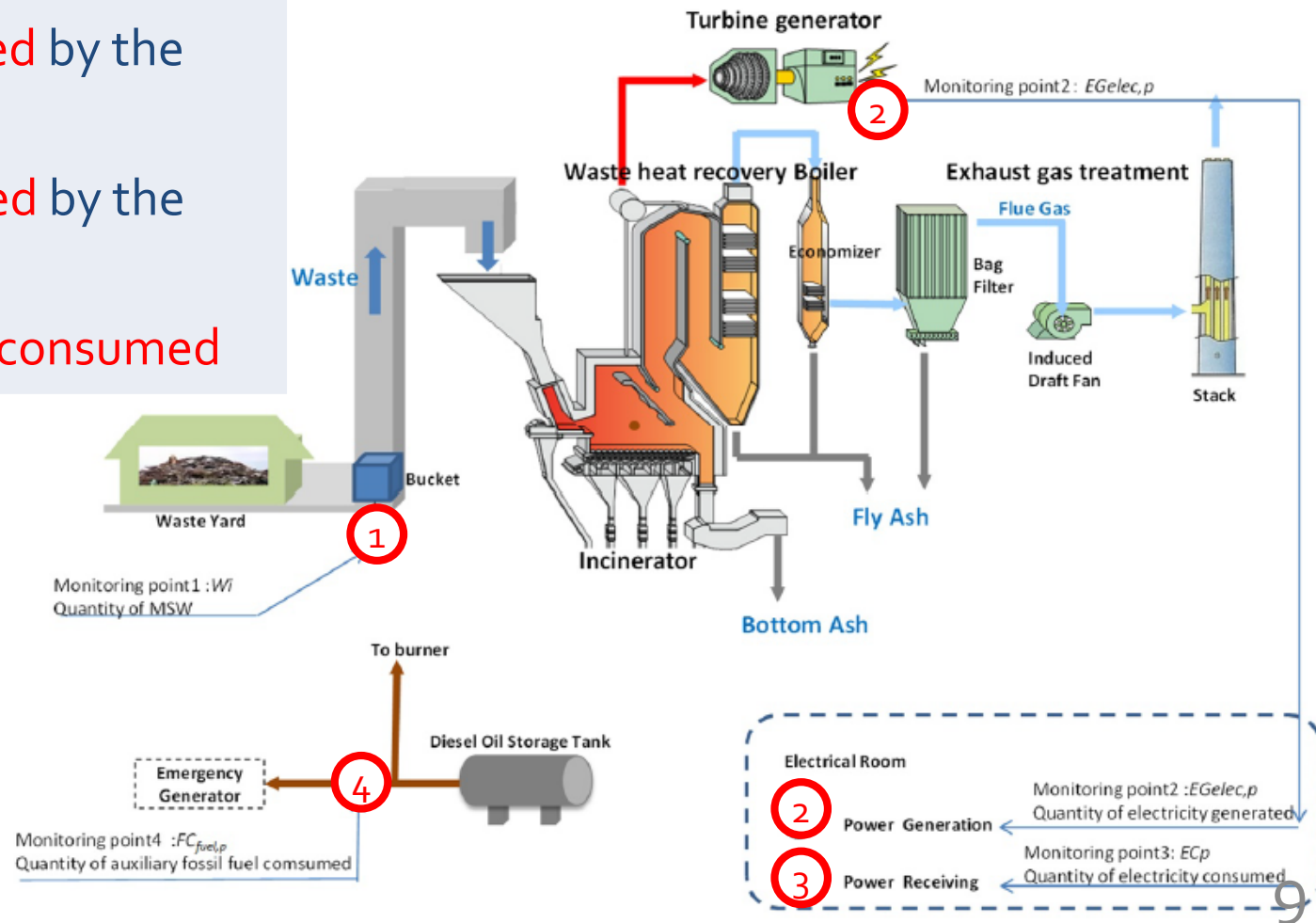
Reference emissions

Project emissions



Monitoring parameters

- ① Quantity of **MSW fed into incinerator** (wet basis)
- ② Quantity of **electricity generated** by the project facility
- ③ Quantity of **electricity consumed** by the project facility
- ④ Quantity of auxiliary **fossil fuel consumed**





Selected as a JCM Model Projects in FY2021 (1st Selection)



Waste to Energy project in Bac Ninh Province

[Expected GHG Emission Reductions] **41,805 tCO₂/year (average)**

[Location] Bac Ninh province, Vietnam

[Project participant (Vietnam)] T&J Green Energy Company Limited

[Project participant (Japan)] JFE Engineering Corporation



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