



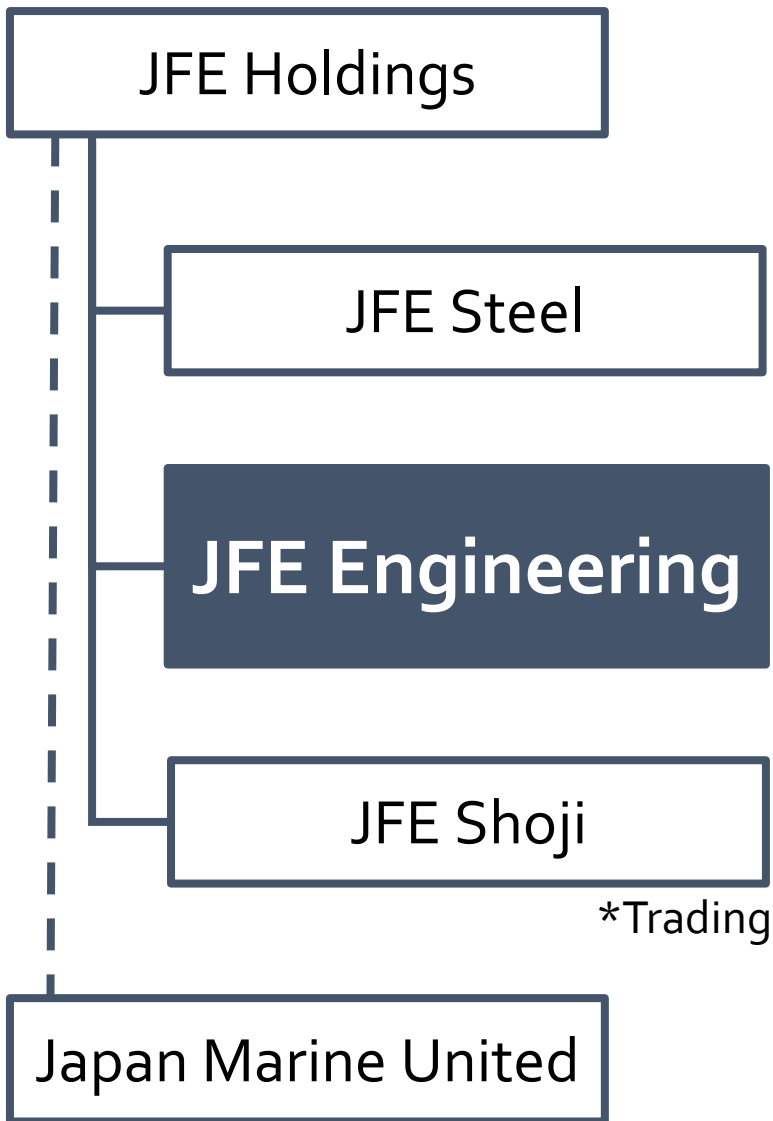
January ,2026

JCM Waste-to-Energy: Comprehensive Climate Action for Philippine Communities



JFE Engineering Corporation

■ JFE Engineering - Long-term Partner for the Philippines



Power Producer and
Supplier Business
9.8%

Infrastructure
17.1%
Bridges, port
and harbor facilities,
cranes, logistics systems, etc.



Others 1.9%

Revenue(FY2024)
569.8 billion JPY
Group-wide

Energy
27.3%

LNG terminal, pipelines,
renewable energy, etc.



Environment

43.9%

Waste to energy plants,
water treatment plants, etc.



The background image shows a large landfill site under a blue sky with scattered clouds. Two yellow Komatsu excavators are visible, working on a massive pile of dark, decomposing waste. In the lower right foreground, a brown cow stands amidst the trash. The scene illustrates the environmental and health hazards associated with landfills.

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**



Waste to Energy project in Bac Ninh Province

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

[Capacity] 500 ton/day (MSW+ISW), 11.6 MW



Ministry of the Environment

JCM subsidy



Equity(55%)



Equity(45%)

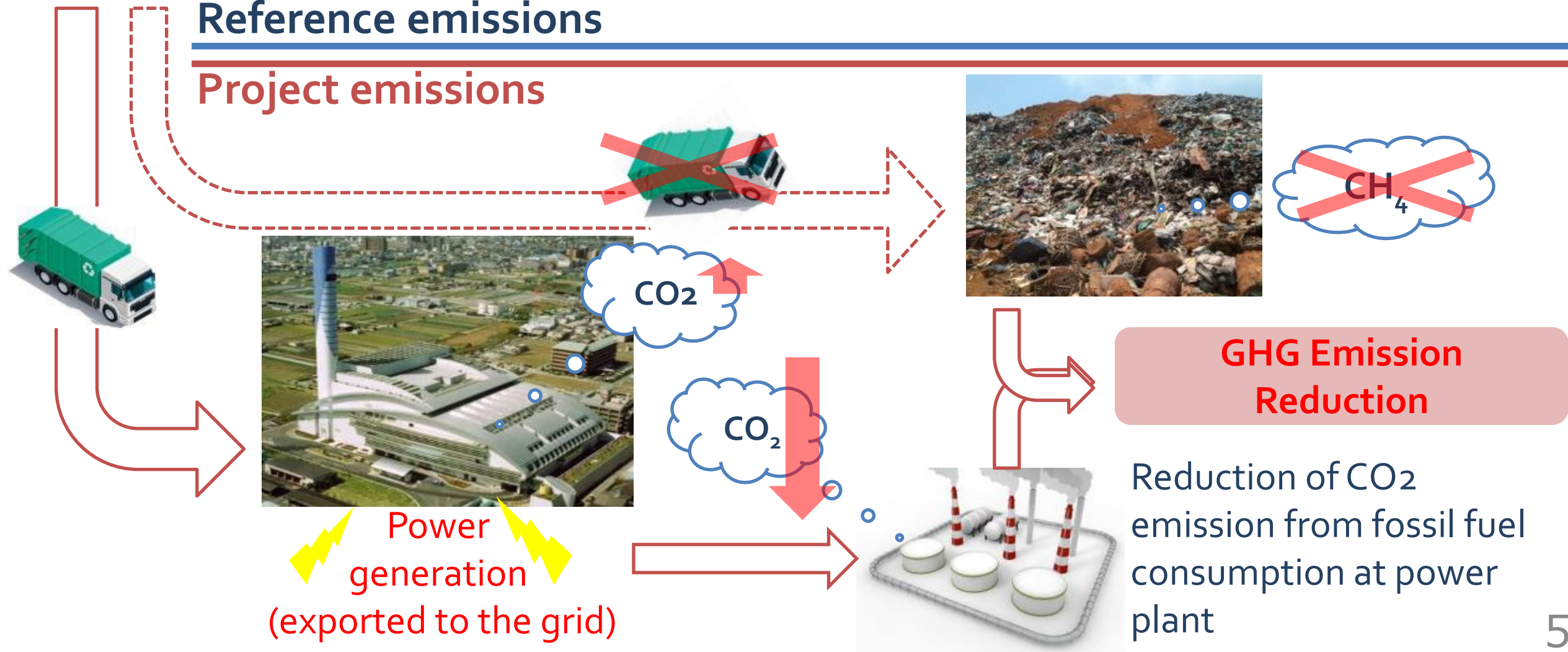


IFC Loan
+ Finland-IFC Blended
Finance for Climate Program

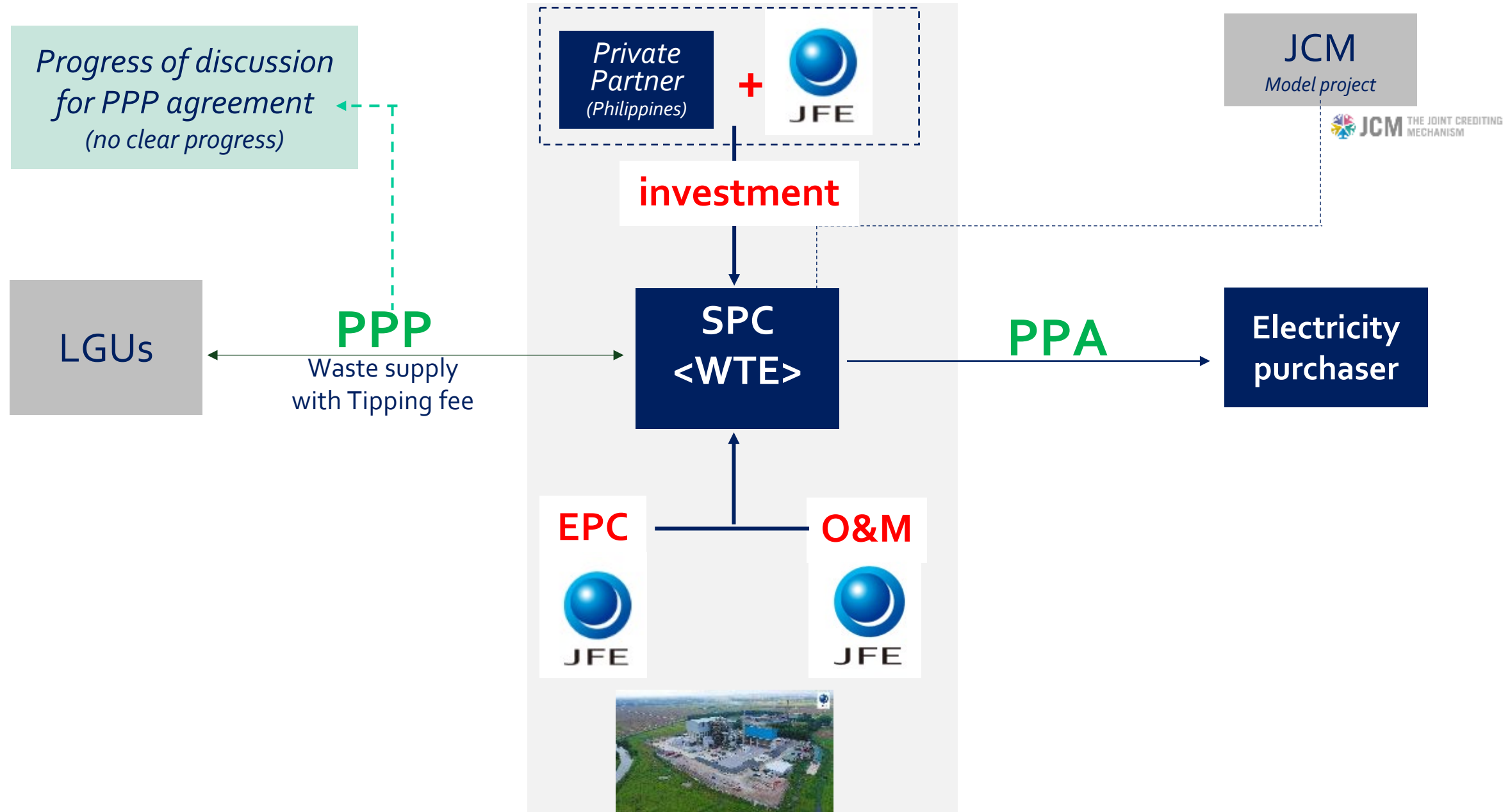


Reference emissions

Project emissions



Ready to participate in WTE project in the Philippines



Create, Care, Connect
The Foundations of Life
Just For the Earth



JFE Engineering Corporation