



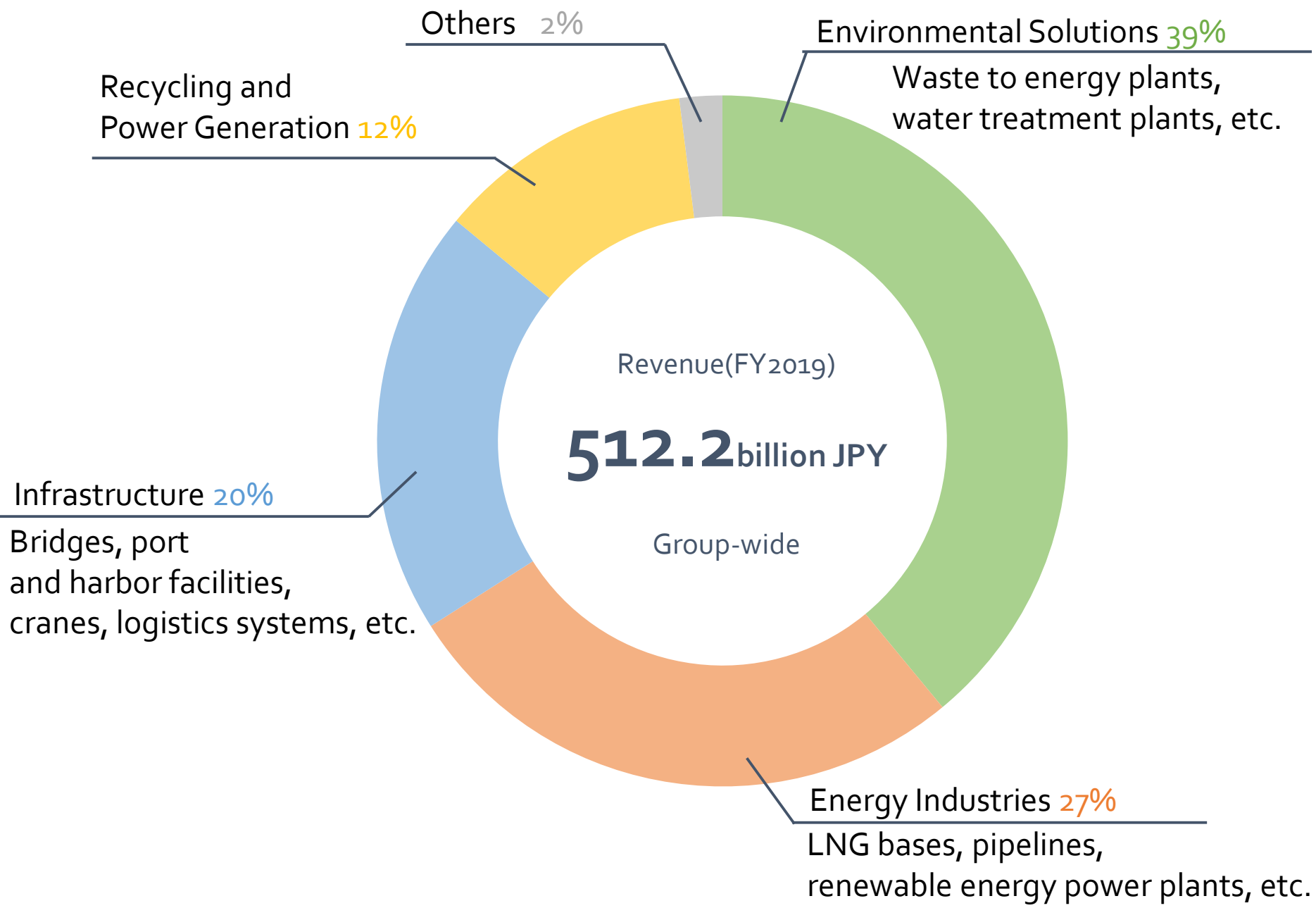
Dec.2020

Smart infrastructure development



JFE Engineering Corporation

JFE for sustainable cities and communities



Commitment to smart Yangon city development

12 RESPONSIBLE CONSUMPTION AND PRODUCTION



Waste-to-Energy Incineration
(JCM registered project)

17 PARTNERSHIPS FOR THE GOALS



J&M Steel Solutions Co., Ltd.
(Joint Venture Company of MoC & JFE)

11 SUSTAINABLE CITIES AND COMMUNITIES



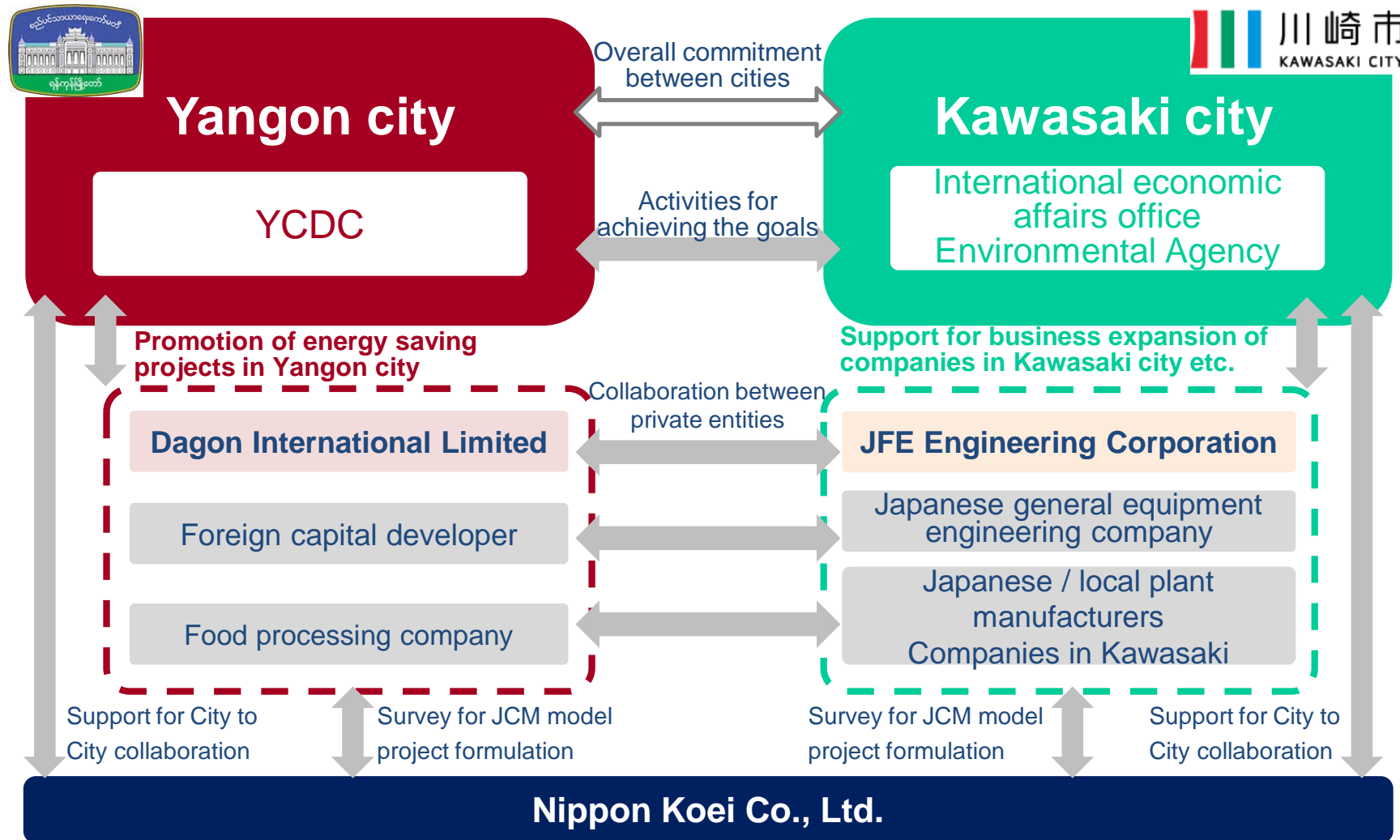
Ferry Terminal Jetty

6 CLEAN WATER AND SANITATION



Pilot plant for Purified Drinking Water

City-to-City Collaboration Project in FY2020 (MOEJ FS)



MOU Signing Ceremony (June 2019)
Dagon International Limited and
JFE Engineering Corporation

- ✓ Implementation of Low-carbon utilities (e.g. co-generation system)
- ✓ Concept making of Dagon EIP (Eco-friendly Industrial Park)

AMATA (Chonburi) – YUSA (Yokohama) Collaboration

— Jul 2017 AMATA-YUSA MOU



— Jan 2018 Smart City Consulting Phase1 (YUSA & members)

— Aug 2018 METI FS for Gateway Area Concept (YUSA & members)



— Oct 2018 AMATA-YUSA-JSCC(CN) MOU@Japan-China cooperation forum



— Mar 2019 Smart City Consulting Phase2 (YUSA & members)

— Aug 2019 METI FS for Waste management (JFE • YUSA etc.)



Image

Smart City Conference in Makassar (27 Feb. 2020)



CH4 Emission

Pest, Odor, Fire, Water & Air Contamination

Global Warming

Pollution

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

Land Availability

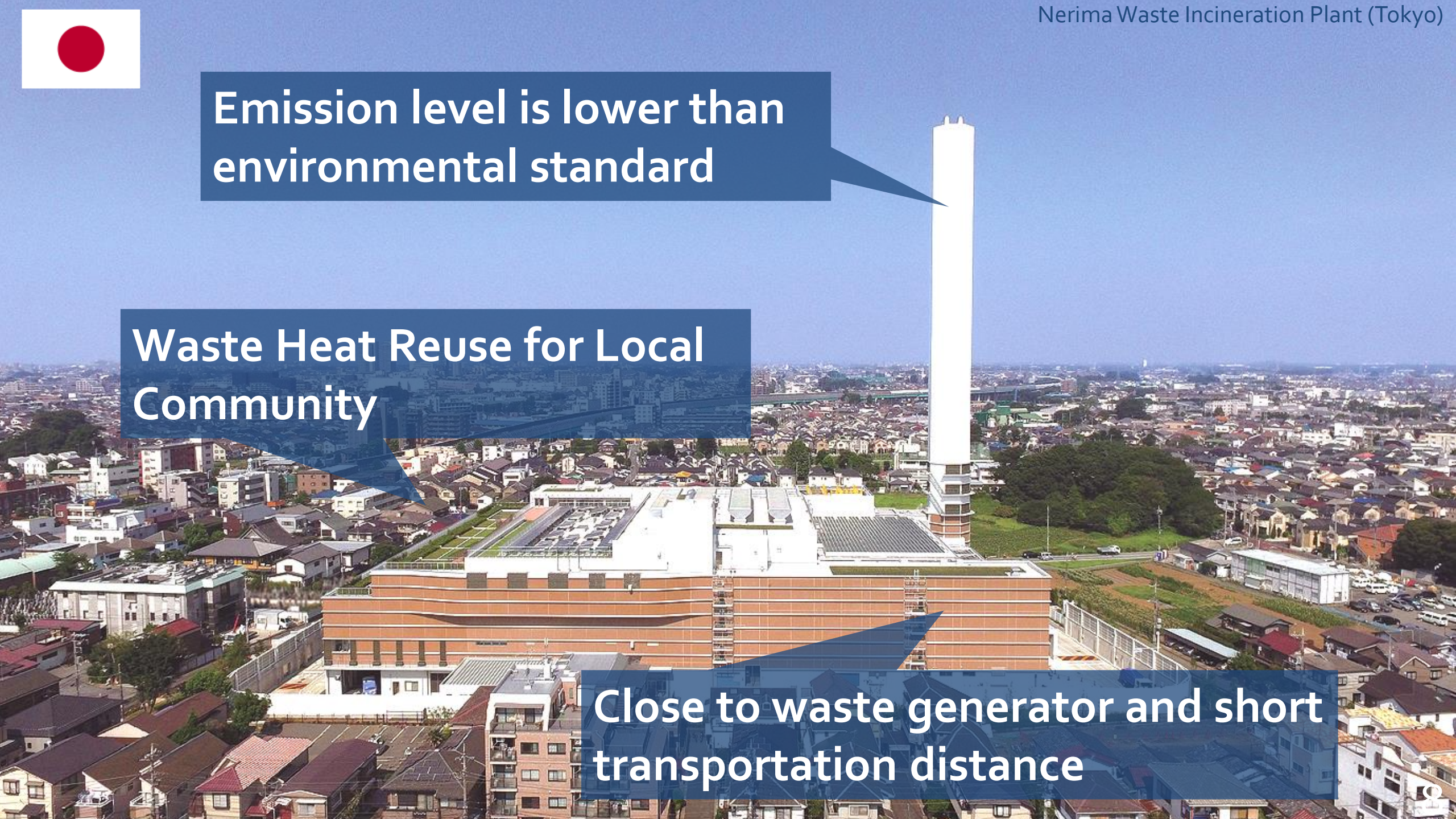
**Difficult to secure new
Landfill space**

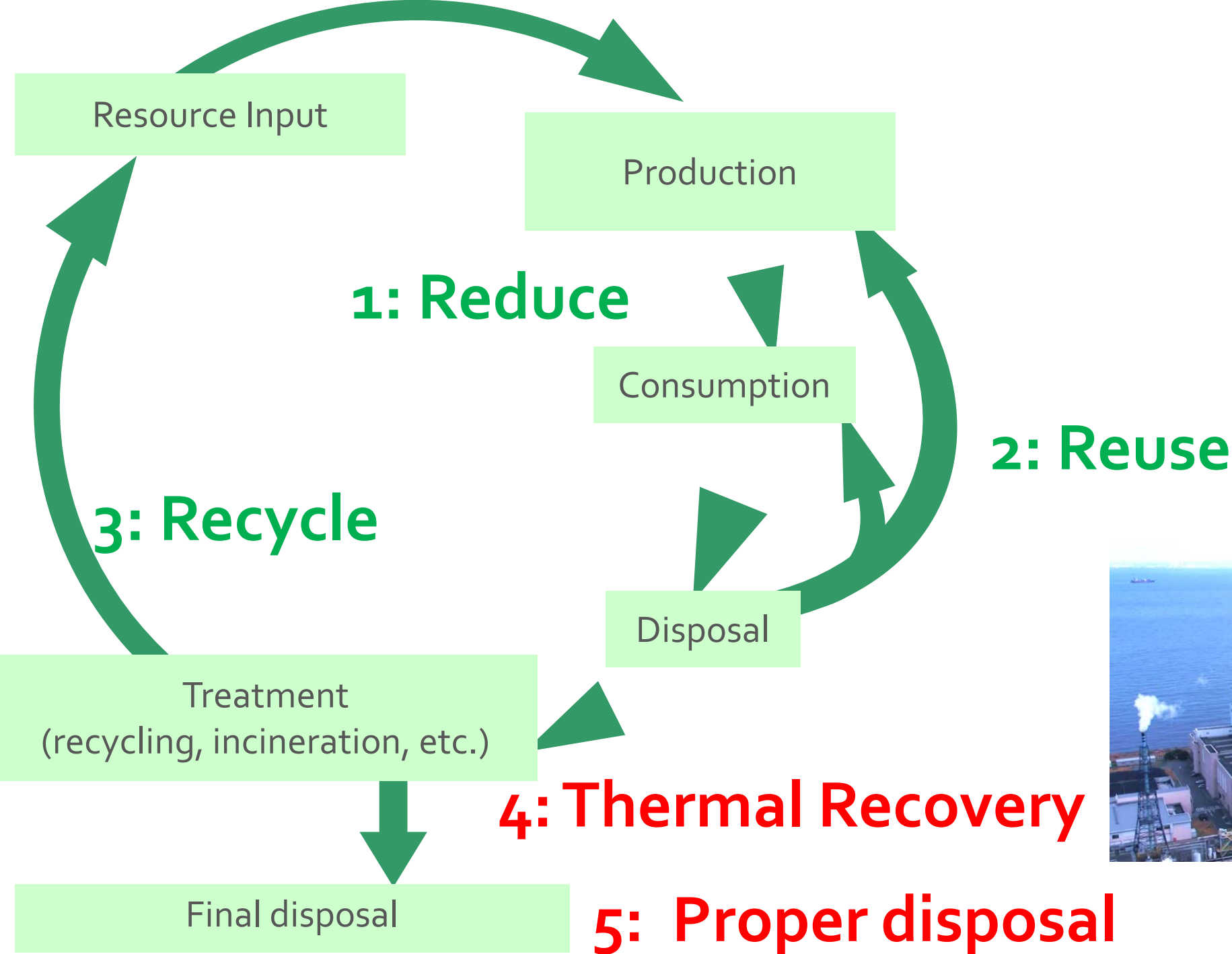


Emission level is lower than environmental standard

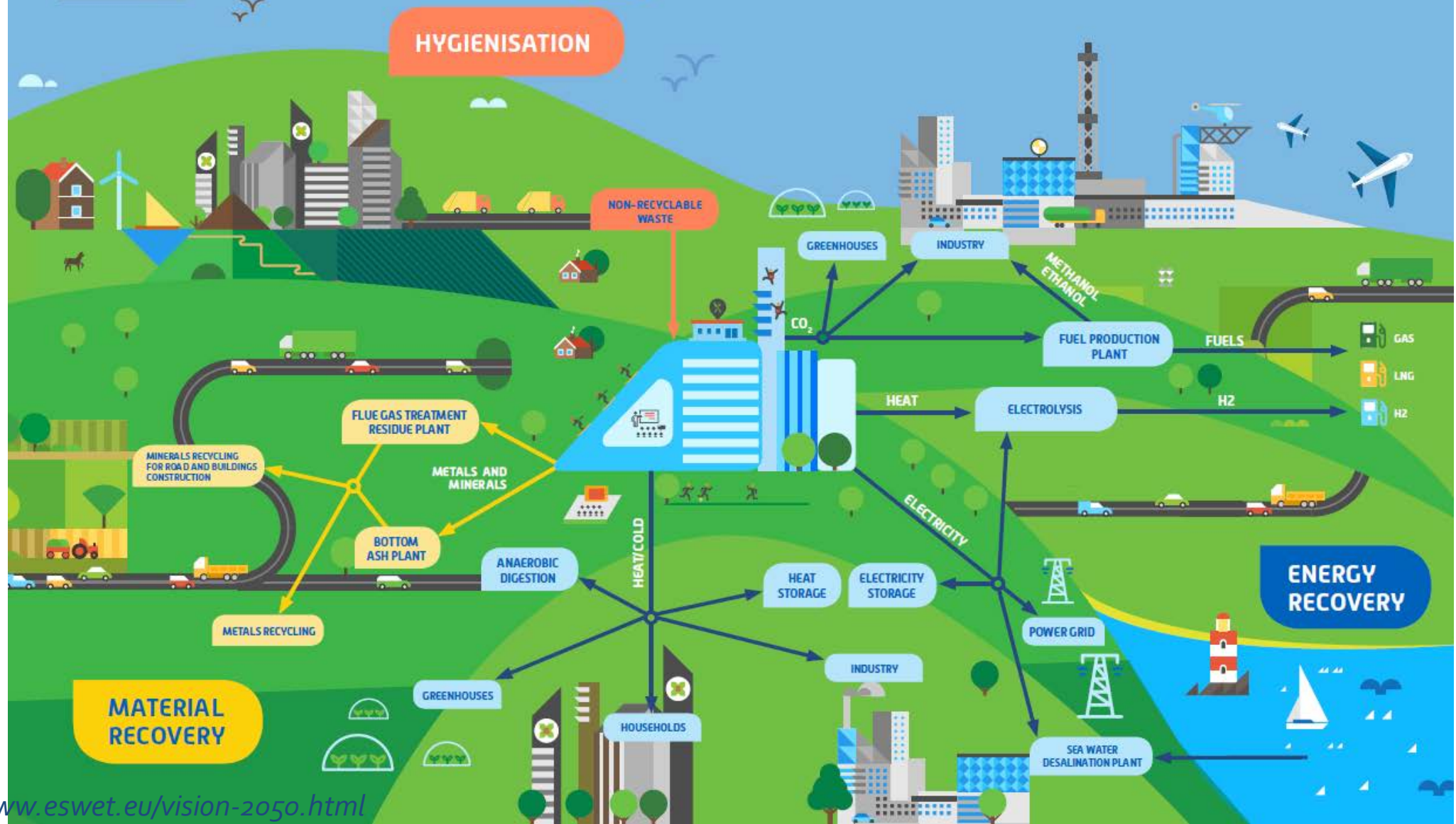
Waste Heat Reuse for Local Community

Close to waste generator and short transportation distance





THE WASTE-TO-ENERGY PLANT OF THE FUTURE





Thank you

https://www.jfe-eng.co.jp/en/360_jfe_engineering/

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