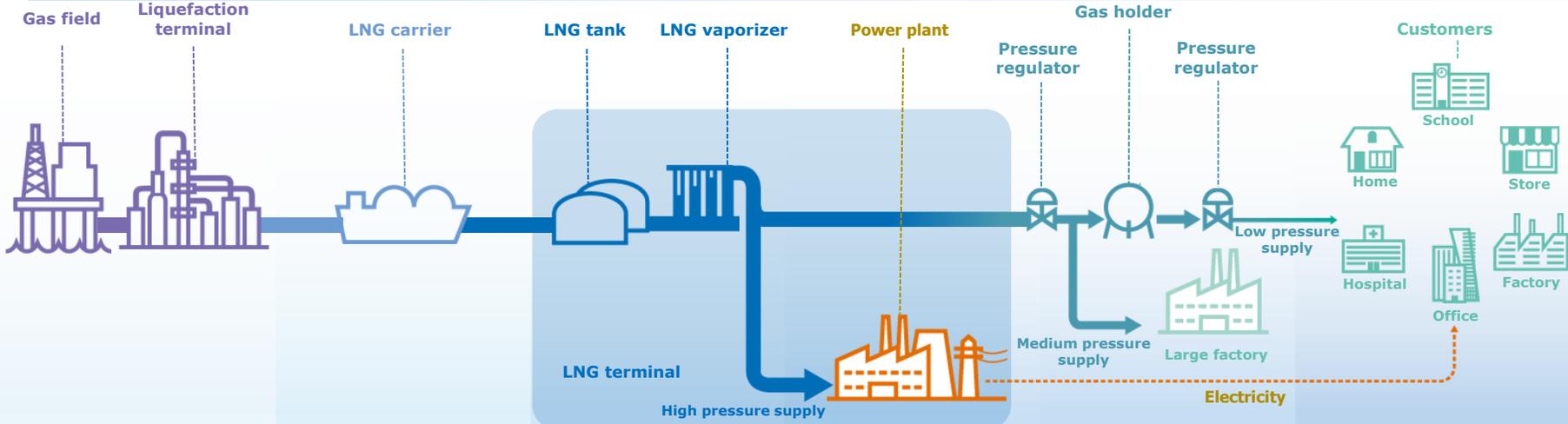


Energy Business Value Chain



Upstream Investment/ LNG Procurement

LNG Transportation

LNG Receiving Terminals

Power Business

Gas Transmission and Distribution

Gas Marketing

Import:

9.52 million tons per year from

8 countries

Ownership of **7** LNG carriers

3 LNG terminals

Over **45** years of operational experience (**28** tanks)

Development and Operation of power plants

34 sites, **3.6GW**

-Senboku Power Plant (**1,109MW**)
-**6** wind farms

Operation and maintenance of

62,000 km pipelines

with maximum pressure of **7MPa**

6 million customers

Cogeneration: **1,589MW**

Residential cogeneration systems (engines, fuel cells)



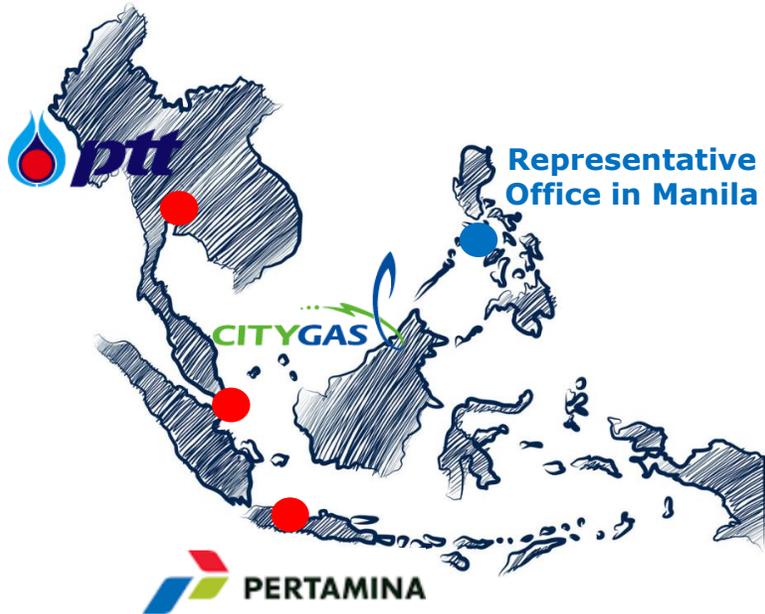
Dynamic and **innovative,** **genuine** and **studious**



Integrated Energy Group

- Optimize energy supply with local partners in marketing and investment projects.
- Contribute to a LNG value chain through technology driven solutions.

Alliance with Local Partners



Together with local partners

- ✓ Gas **marketing businesses** by utilizing Daigas technology.
- ✓ **Invest in infrastructure** projects with engineering and operational experiences.

Technology Driven Solutions

Information Technology



Big Data Analysis

- ❑ Failure prediction of gas facilities
- ❑ Demand prediction of electricity by usage (for households)

Cryogenic Power Plant



in LNG Terminal

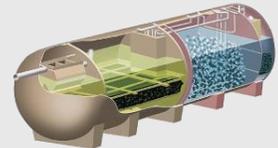
- ❑ Utilize cold energy from LNG

Cogeneration System



- ❑ R&D in high efficient gas engines
- ❑ Investment in facilities in customer sites "Energy Service"

Biogas

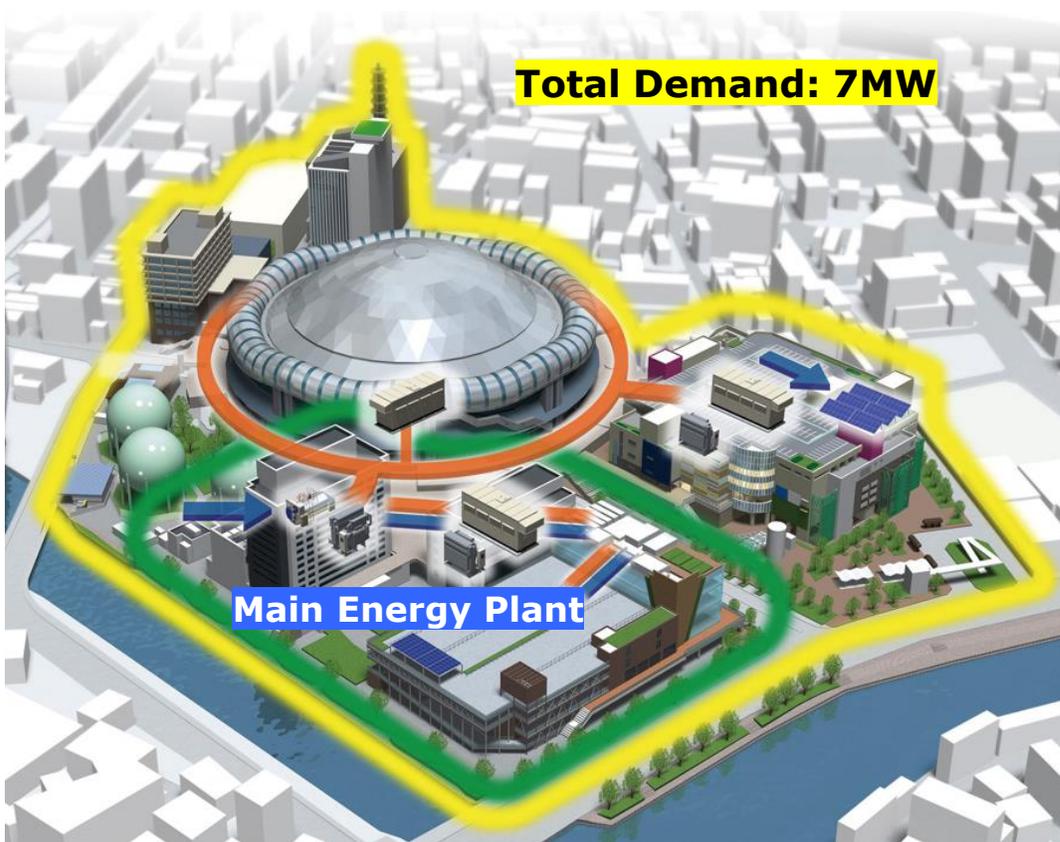


High-Purity Biomethane

- ❑ 99% methane recovery from biomass fermenter.
- ❑ On-going pilot program in Thailand.

Smart City – Integrated Energy System among Renewables, Cogen and Grid

IWASAKI Smart City, Osaka



We integrate: **Power**, **Cooling** & **Heating**

Daigas Group as Energy Integrator

