

# INNOVATIONS TO SUPPORT FURTHER GROWTH OF LNG INDUSTRIES

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# Indonesia's Gas Subholding Company

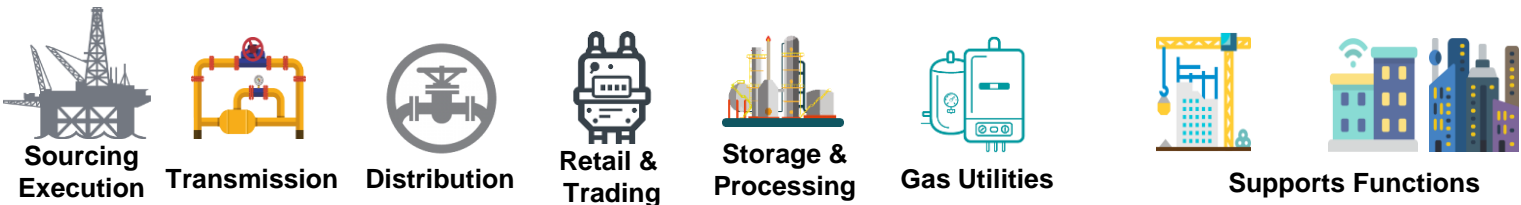
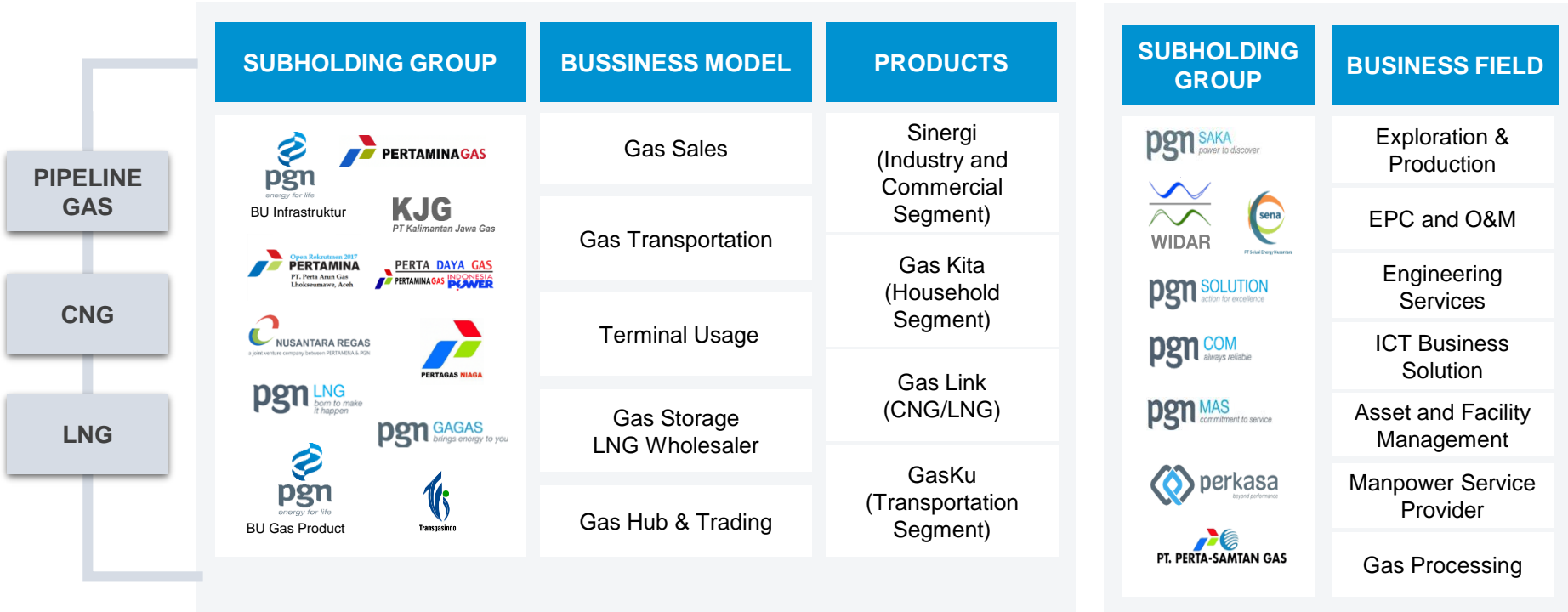


PGAS (IDX)  
Founded

[MARKET CAP]  
13 May 1965

Total Assets

USD 7.9 Billion (2018)



# BUSINESS COVERAGE AND INFRASTRUCTURE



## Transmission Pipeline (Major)

- 1 Grissik – Duri & Grissik – Singapore
- 2 South Sumatra – West Java (SSWJ)
- 3 Kalimantan – Java (Kalija)
- 4 East Jawa and Gresik – Semarang

## Key Distribution Areas

- West Java, DKI Jakarta, Lampung, South Sumatra and Banten
- East Java and Central Java, North Kalimantan and Papua
- North Sumatra, Riau and Kepulauan

## Downstream Business

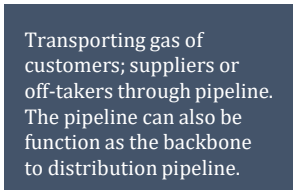
## Gas Infrastructure

## Upstream Business

- Operating in 4 Major Coverage Area, 55 cities and regencies (14 provinces) in Indonesia
- Transporting and Distributing Gas  $\pm 3,527$  MMSCFD
- Developing  $\pm 9.677$  km length pipeline network, 2 unit FSRU, 66 Gas Fueling Station, 4 MRU (Coverages  $\pm 96\%$  all Indonesia Gas Infrastructure)
- Total assets 13 blocks (6 blocks in operation, 7 blocks in exploration)
- Oil and gas lifting  $\pm 40,602$  BOEPD



**Distribution Business**  
Buying and selling gas to customers through pipeline infrastructure in three main areas in West Java, East Java and North Sumatera.



**Transmission Business**  
Transporting gas of customers; suppliers or off-takers through pipeline. The pipeline can also be function as the backbone to distribution pipeline.



## Upstream Business

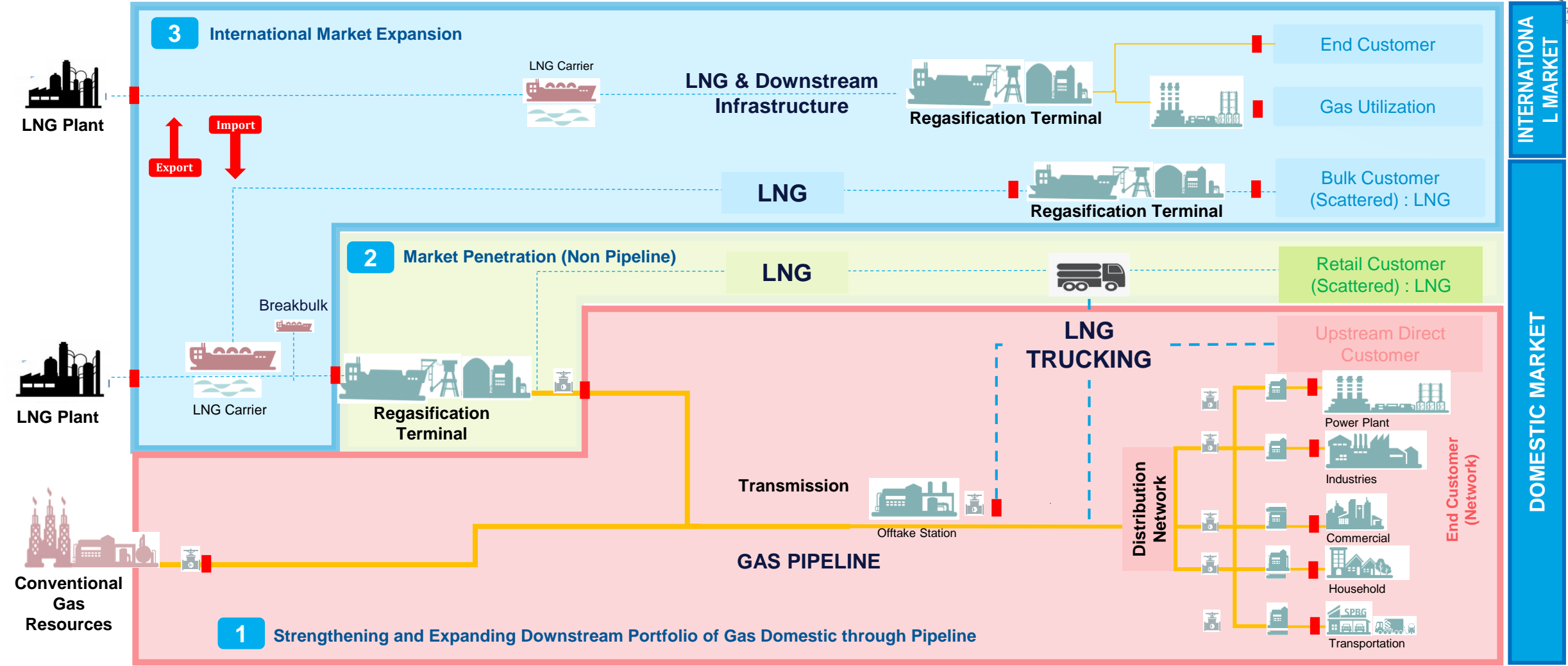
Investing participating interest in PSC and operating oil and gas blocks to support Indonesia production and lifting

Taking business opportunities along the natural gas value chain; LNG, CNG, related gas business services, fiber optic and asset management



## Other Supporting Business

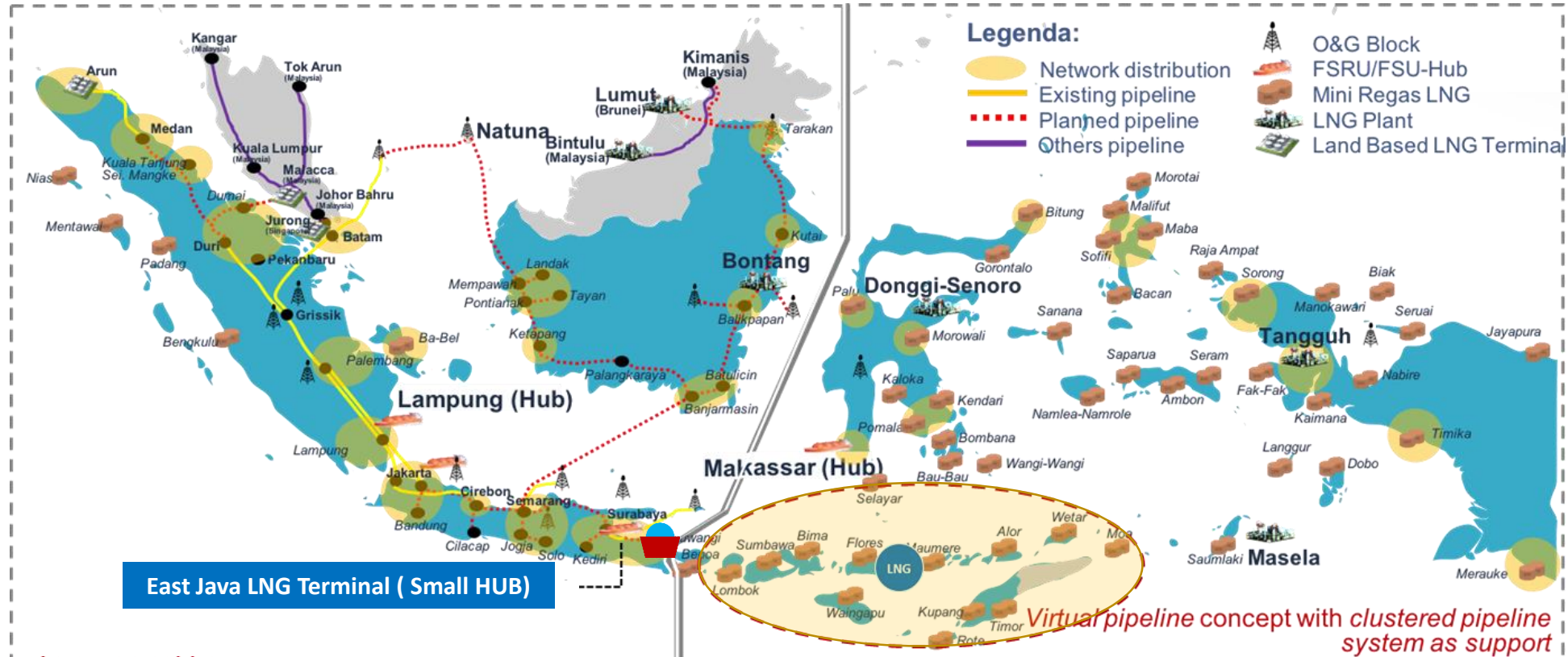
# OUR SCOPE AND BUSINESS MODEL



PGN is managing an integrated natural gas portfolio, aggregating LNG, CNG and Gas Pipelines. PGN is strengthening its business through expansion along the supply chain both in domestic and international markets to achieve the company long term goal target.

# AN ARCHIPELAGO ECONOMY

*Indonesia needs a virtual pipeline concept to connect their clustered pipeline system and distribute gas to the entire country*



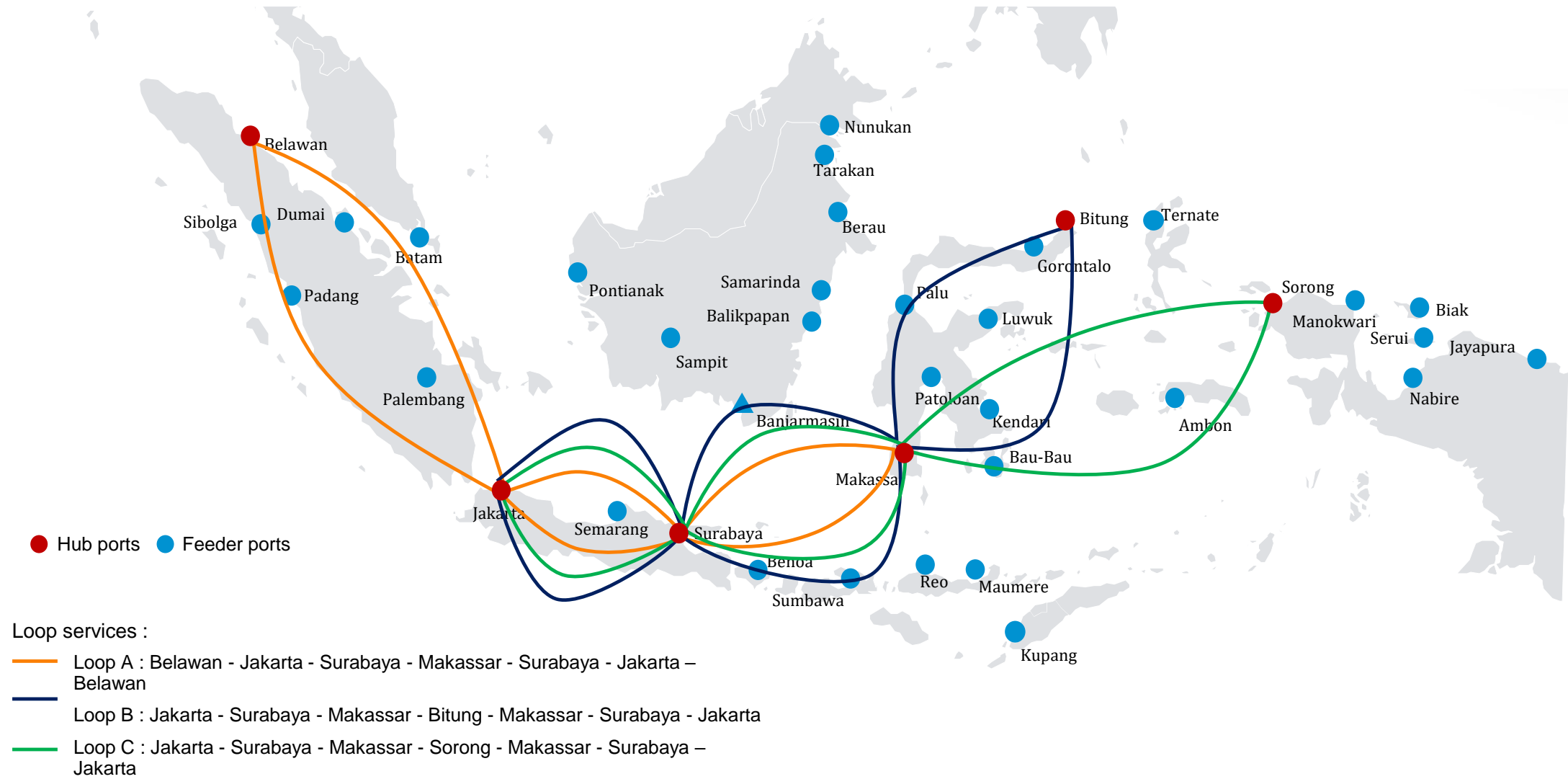
Most LNG Projects in Indonesia are categorised as SMALL SCALE LNG (2-195 MMSCFD), more than 30 LNG Terminals

PGN supports the Government's commitment to increase the utilization of domestic LNG through the fulfilment of gas demand in existing regions and develop the natural gas market, particularly in southern Java Island as a gateway of using natural gas to reach Central and Eastern Indonesia.

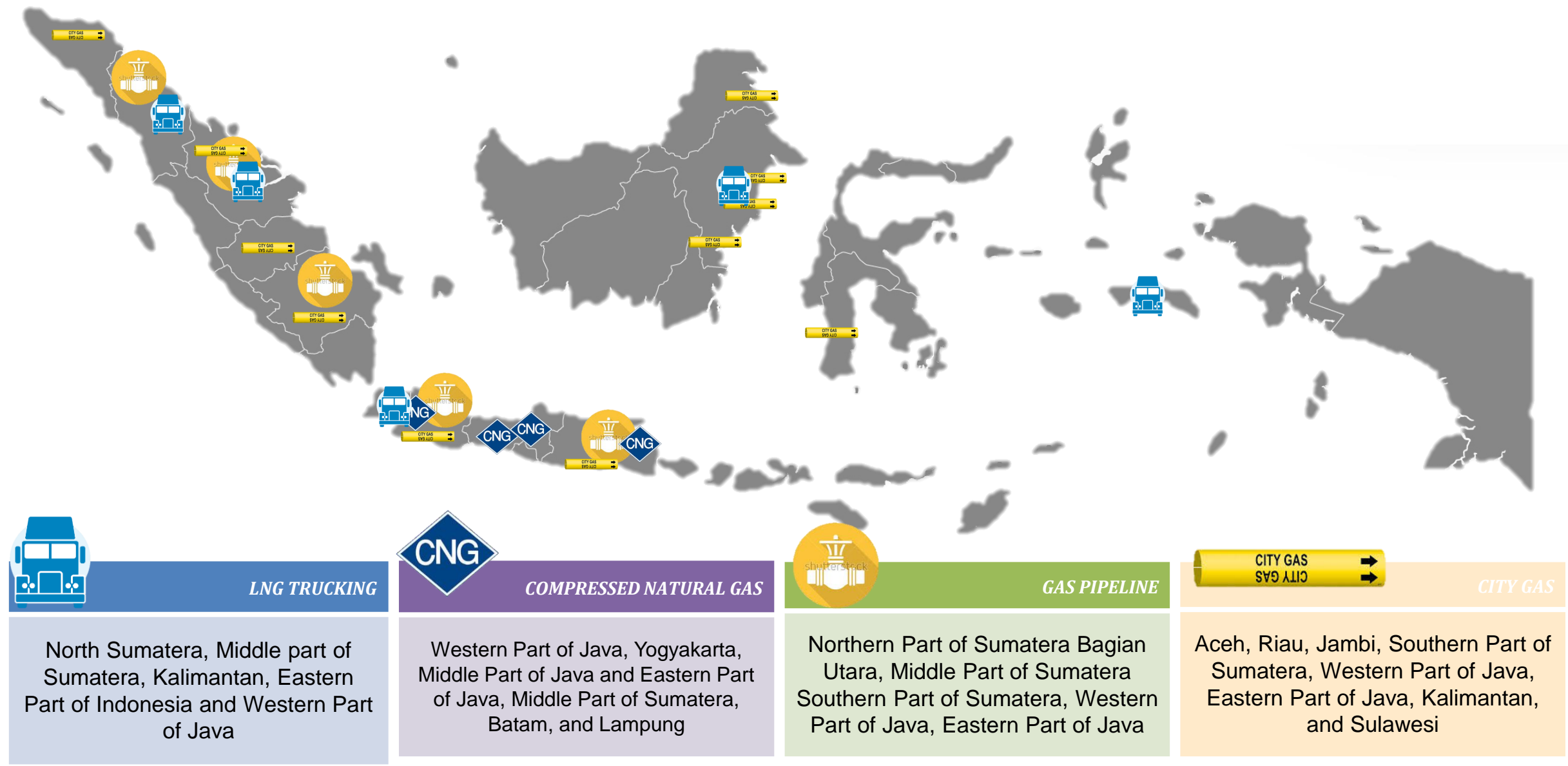


# SEA TRANSPORT PROJECT

There is highly potential of LNG consumption in the Sea Transportation for 7 main seaports in Indonesia for marine fuel that support the sea-highway scheme.



# OWN AND OPERATE LNG TRUCKING, CNG AND CITY GAS



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# Thank You

