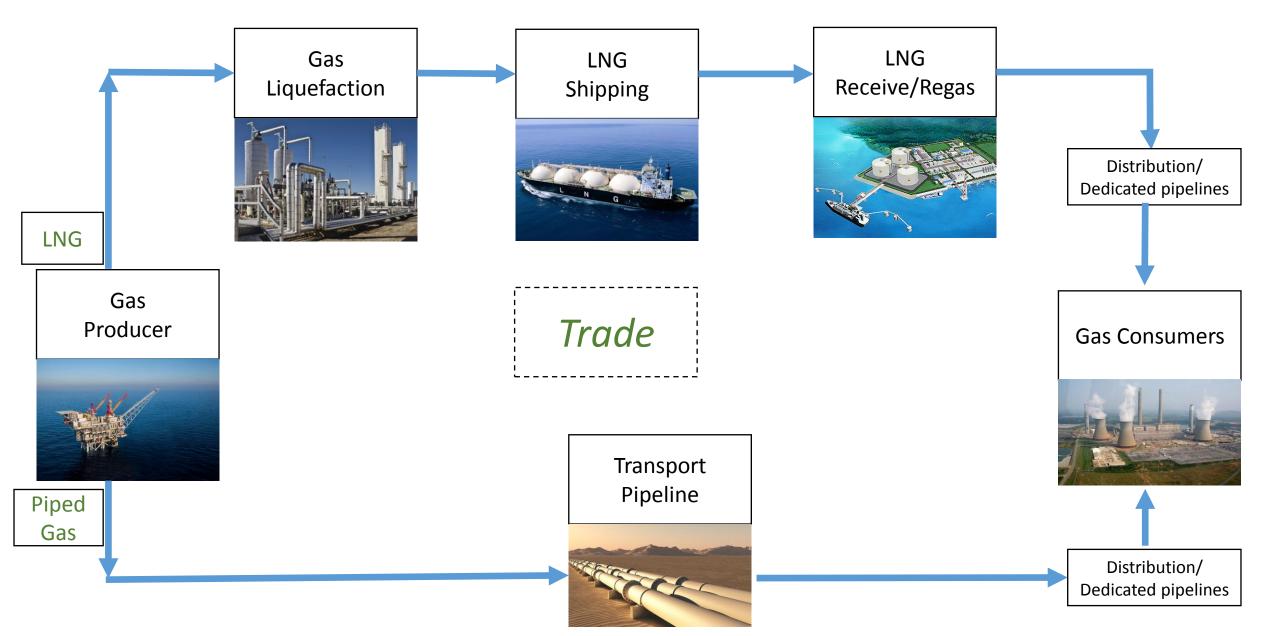
## Sustained Competitively-priced Natural gas from Producers to the Consumers

1<sup>st</sup> East Asia Energy Forum 9 August 2017

#### **Natural Gas Value Chain**



#### Players and Their Priorities

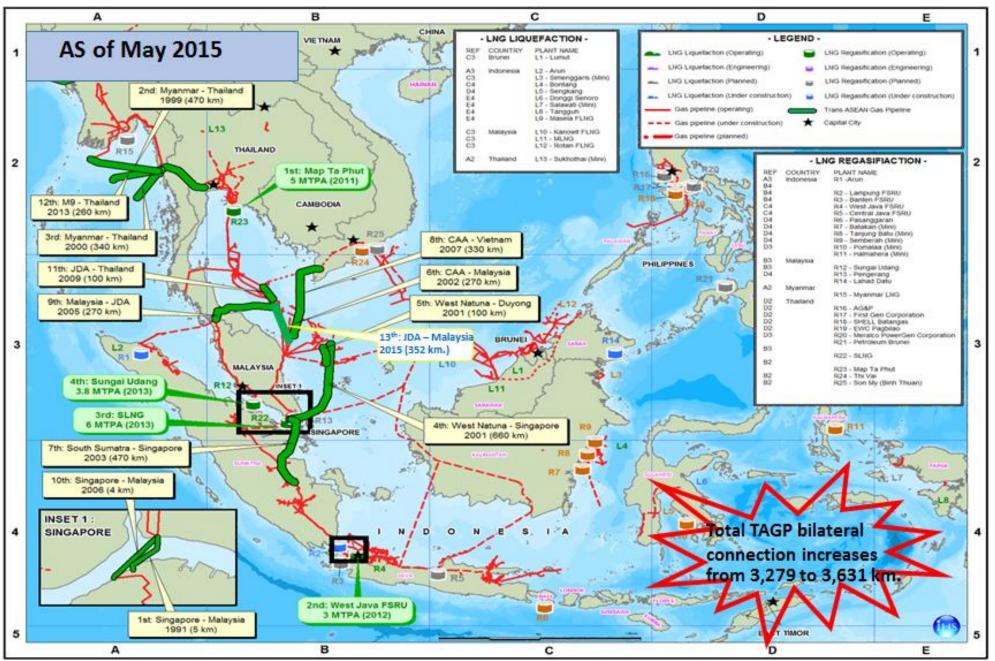
- Producers (E & P):
  - Gas business long term, capital intensive venture;
  - Need investment security; assured market long term take or pay contracts
- Consumers:
  - Power, Industrial, Commercial and Transport
  - Gas is good, but should be secured, accessible and competitive
- Mid Stream Players
  - Traders, LNG Shipping, Pipeline Operators
  - Need continued gas stream from Producers to the Consumers
  - Return on Investment is important; Service and profit
    - Continued search for technology improvement; cost reduction
- Government
  - Energy Security
  - Echoes the concerns of consumers; Balance for energy mix, clean environment vs affordable price
  - Control, regulation and policies

#### Initiatives

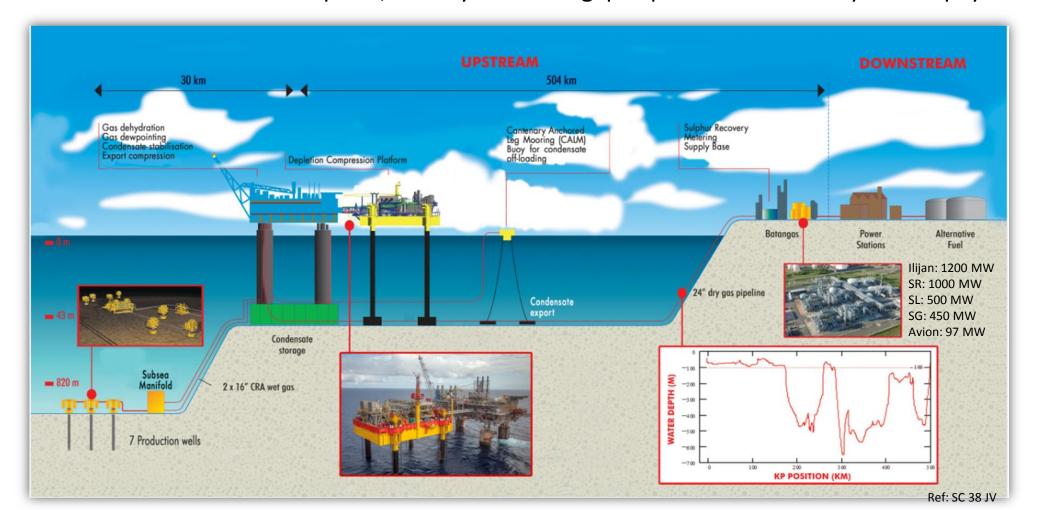
 Envisioned interconnection in ASEAN through the Trans ASEAN Gas Pipeline Network, well progressing; Open access

Flexibilities in LNG destinations for contracted quantities are being pushed

 Initiatives to develop a hub for natural gas in the Asian region; End-view of competitively priced natural gas, through liberalized market; Is the Asian Market ready?



- In the Philippines, the current gas industry remains anchored on Malampaya
- TAGP, at this time, not viable for Philippines
- LNG is still the next option, initially to fill the gap expected to be left by Malampaya in the midterm



### Way forward

- Push the development of necessary infrastructure, (LNG terminals, pipelines and distribution facilities) that will cater to multiple supply sources;
  - Strategize to address issues on financing, profitability and the concerns on the permitting process
- Promote governments' role in maintaining competitive market conditions in the national and in regional settings (Asian) for natural gas
- Look at the lessons in America and Europe for an Asian hub (gas trade); similarities and differences, its not a simple cut and paste;
  - New players and new agreements to grab opportunities departing from the traditional long term contracts indexed to oil; hoping that modified agreements lead to gas-gas market competition.
- In the regional setting, need to cooperate, initially through information exchange

#### Cooperation

- Governments' role is important
  - in policies and regulations;
  - in organizing the exchange of information, (with dialogues and fora among players) resulting to:
    - List of doable action plans;
    - Mechanism for feedbacks and follow ups
- At the end of the Day should be win-win for all Players, assuring both ends of the chain, Producers and Consumers, of sustained growth of the gas industry

# Thank you