

## Peninsular Malaysia Gas Supply and its Challenges

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## 1970s

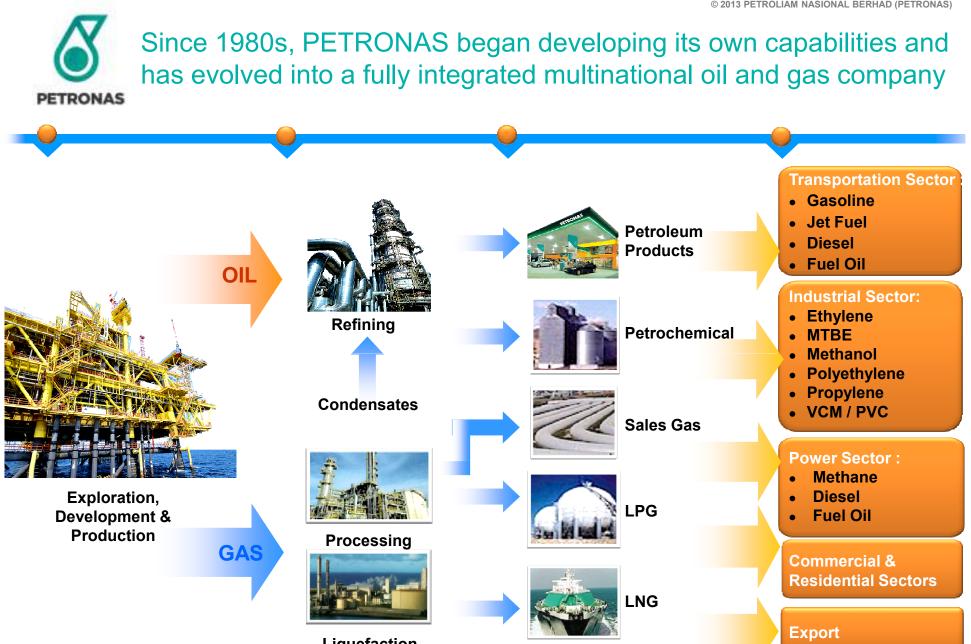
- Incorporation of PETRONAS on 17th August 1974
- The Malaysian Petroleum Development Act 1974 vested upon PETRONAS the exclusive rights to explore, develop and produce petroleum resources within Malaysia
- First PSCs signed in 1976

### 1980s-2000s

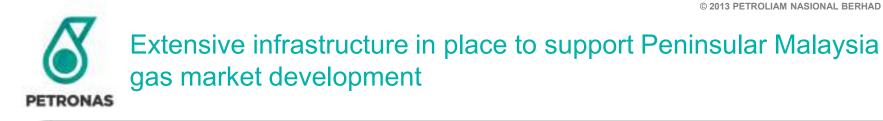
- Gas exploration & development activities
- Downstream gas projects
- Expansion of other domestic downstream projects such as Refining, Petrochemicals & Logistics & Maritime
- International Ventures

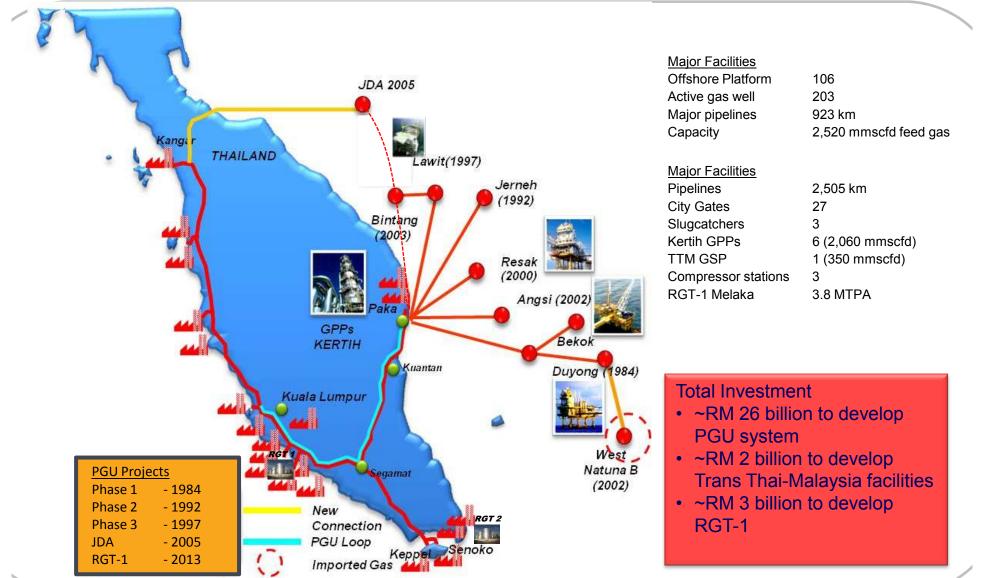
## After 35 Years - Today

- Fully integrated multinational oil and gas company
- Worldwide expansion in more than 30 countries
- Revenues from overseas
  operations
- Production of oil and gas from international ventures



Liquefaction

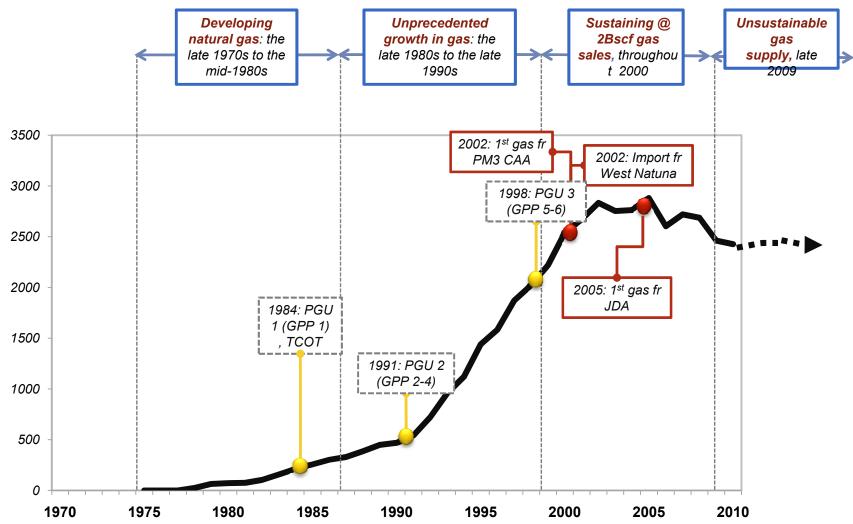






Historical Evolution of Peninsular Malaysia Gas Production (Gross)

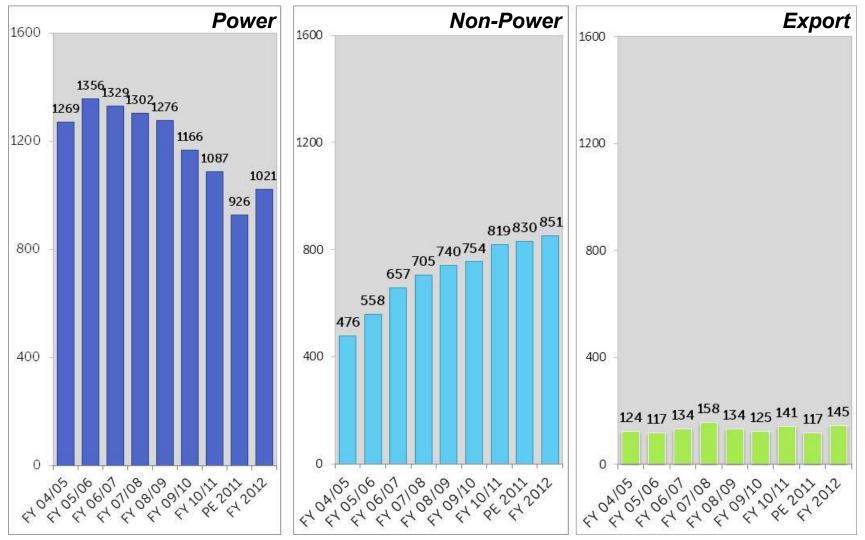
Unit: mmscf/d





#### Historical Gas Demand of Peninsular Malaysia

Unit: mmscf/d





Prior to RGT, gas supply in Peninsular Malaysia has not been able to meet its demand due to a combination of issues

## **Supply**

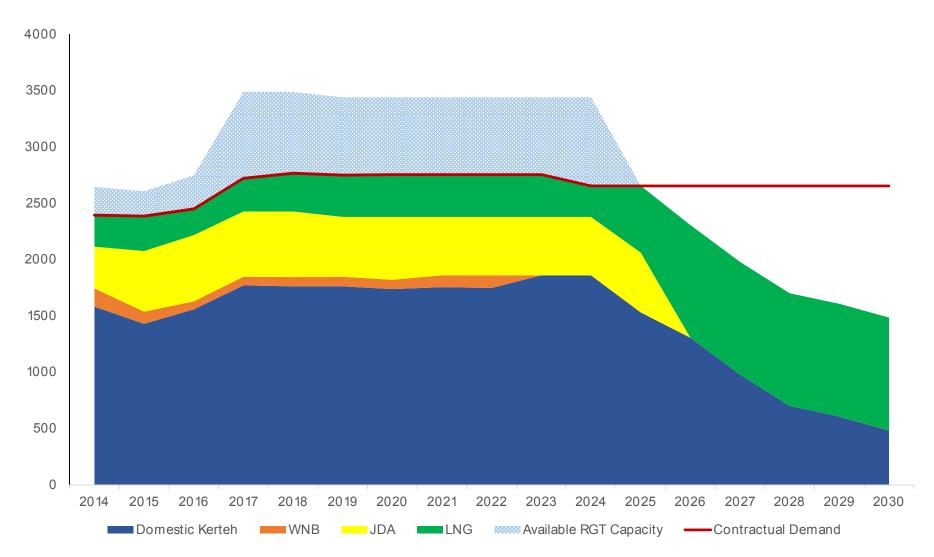
- Indigenous Peninsular Malaysia production is not able to meet demand
  - domestic producing fields are on rapid decline due to accelerated extraction rate
- Over-stretching of the supply system has led to frequent supply interruptions
- Remaining reserves are technically & commercially challenging to be developed
  - Small in size
  - Scattered locations
  - ➢ High CO₂ content

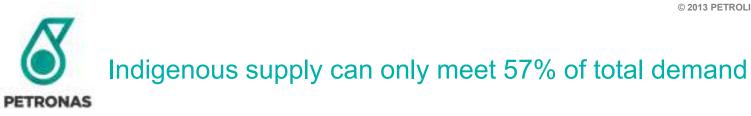
## <u>Demand</u>

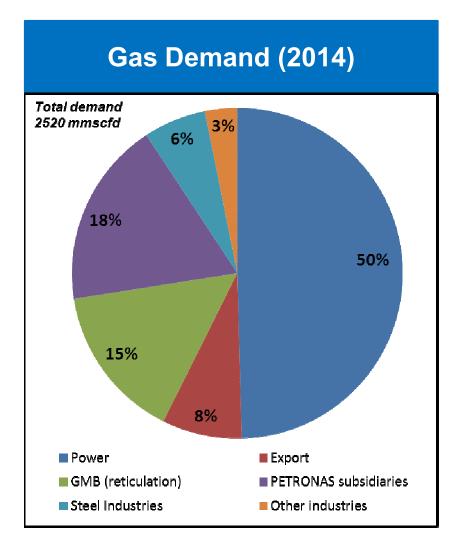
- Inappropriately priced gas has created unsustainably high demand
  - end users preference to gas have increased compared to other higher cost of fuels such as coal, fuel oil, diesel or LPG

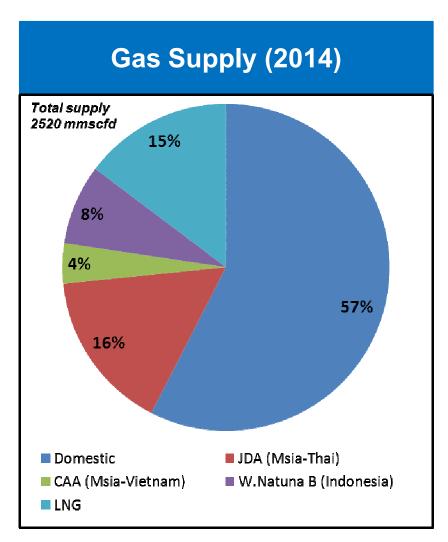


Unit: mmscfd





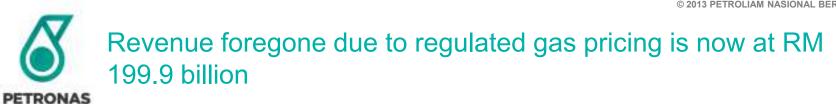


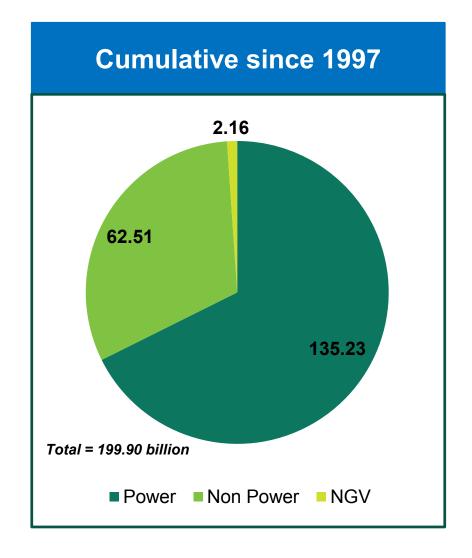


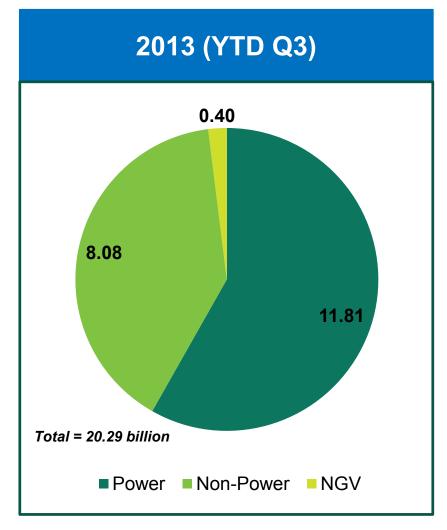


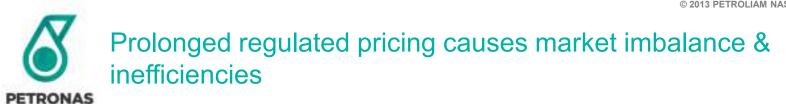
- Government imposed regulated pricing in 1997 during the Asian Financial Crisis
- □ In May 2011, Cabinet approved gas price increase effective from June 2011
- □ No subsequent gas price increase was implemented

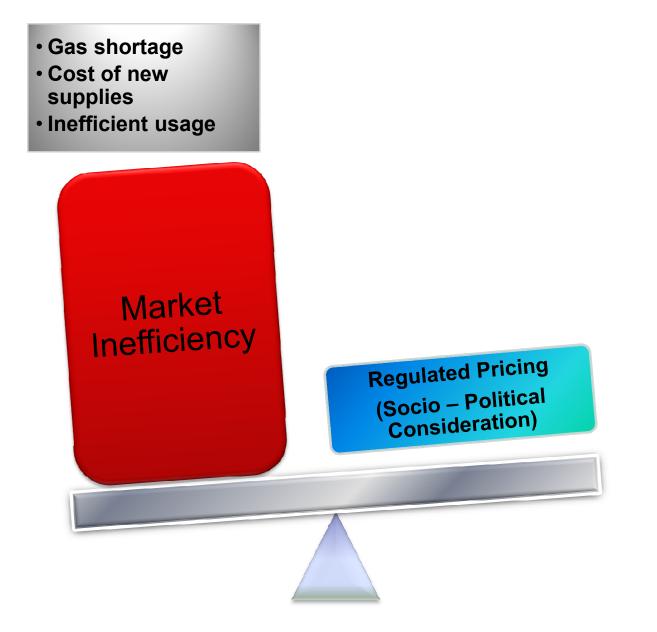
nit : RM/MMBtu					,	>
Sector	w.e.f 1 May 1997	w.e.f Oct 2002	w.e.f 1 July 2008	w.e.f 1 August 2008	w.e.f 1 March 2009	
Power	6.40	6.40	14.31	14.31	10.70	13.70
Non-Power	Contractual	11.32	32.56	22.58	15.35	18.35
Gas Malaysia	Contractual	9.40	24.54	17.99	11.05	14.05
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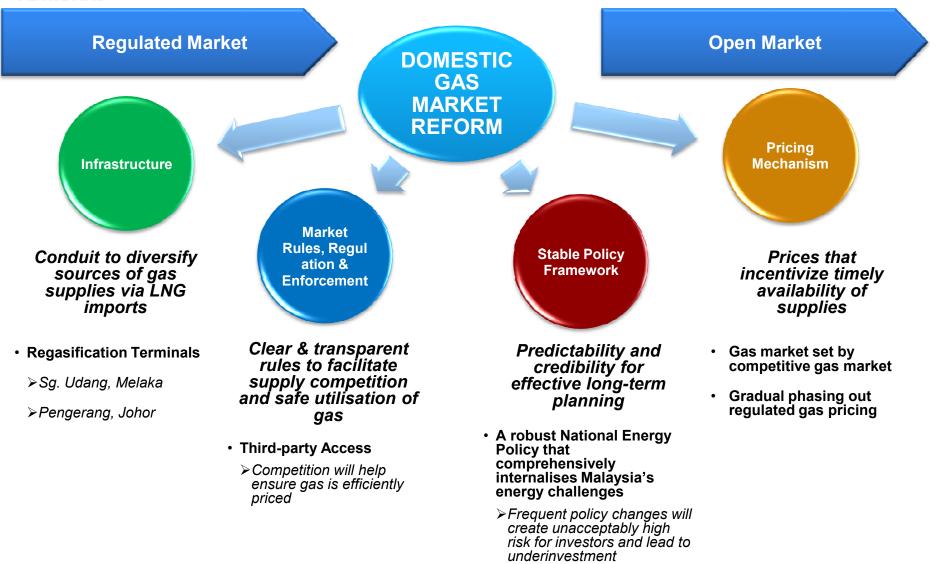








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# **THANK YOU**



