



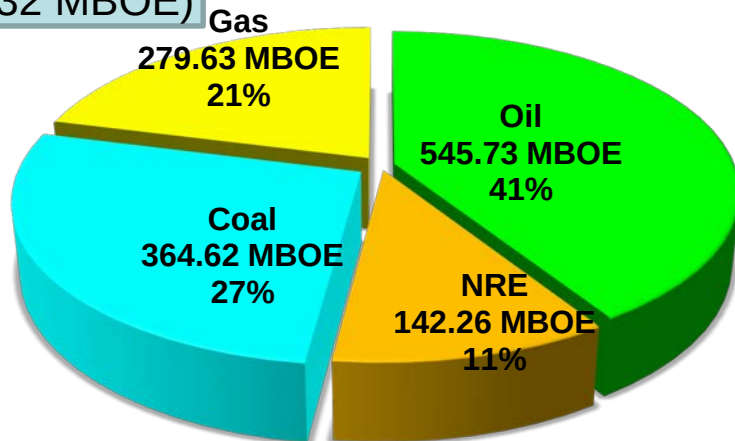
The Indonesia Update OIL AND GAS SECURITY

**The 3rd APEC Oil and Gas Security Network Forum
Irkutsk, 29 – 30 June 2017**

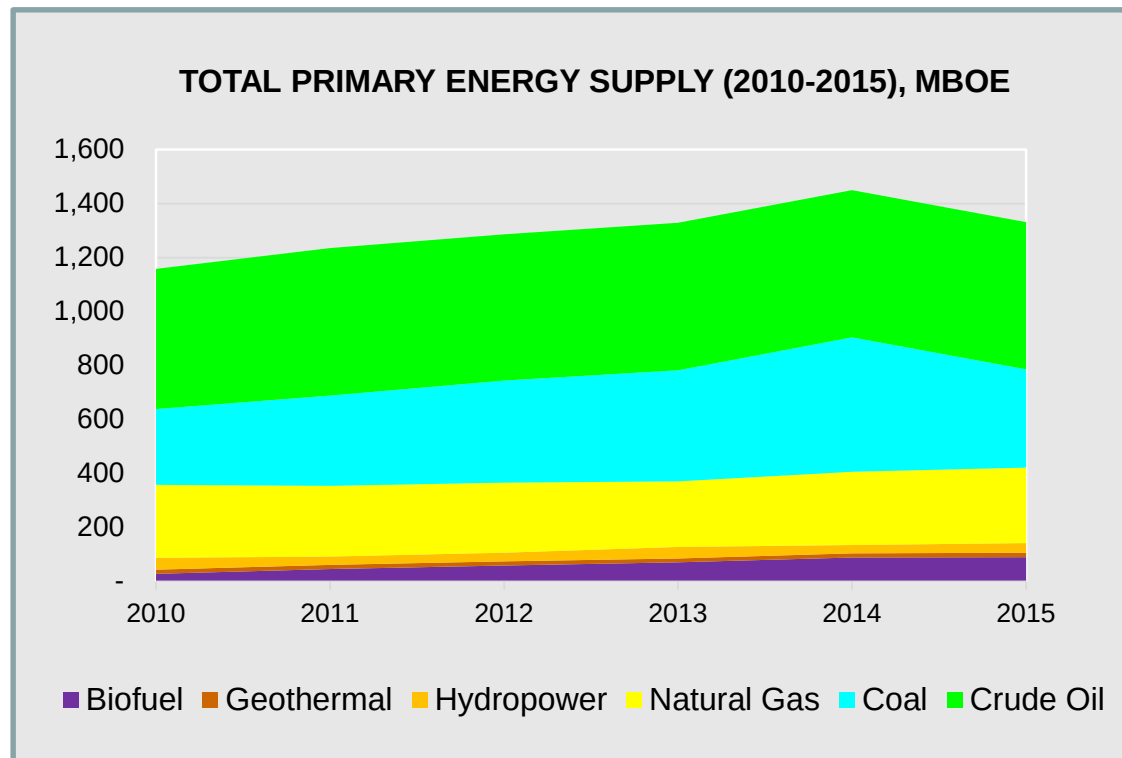
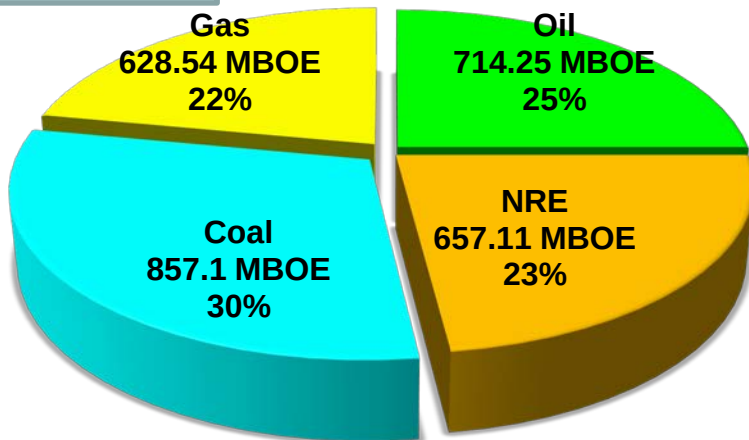
Bambang Tjahjono Setiabudi
Head of Bureau for Facilitation of Energy Crisis Response and Energy Supervision
National Energy Council
Ministry of Energy and Mineral Resources of Indonesia

National Energy Mix

2015
(1332 MBOE)



2025
(2857 MBOE)

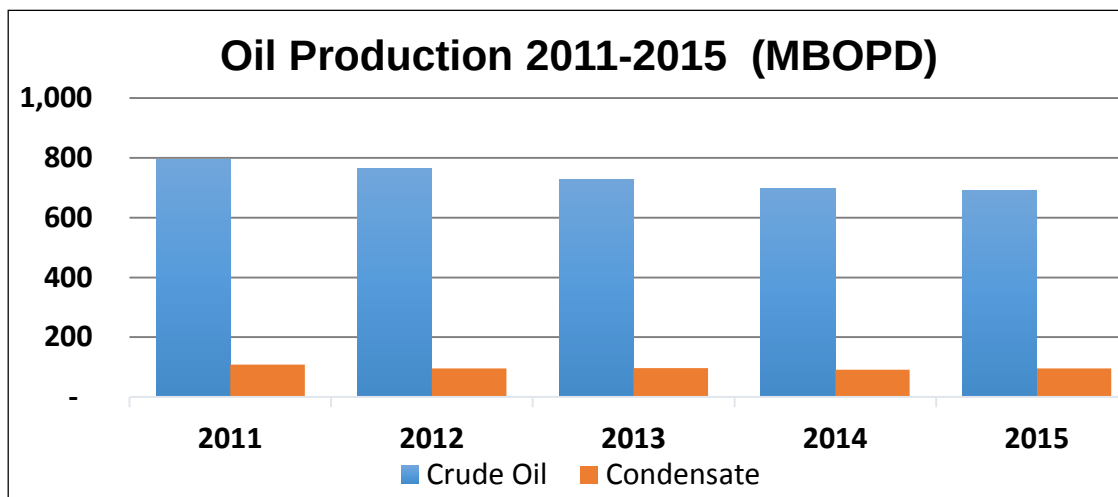
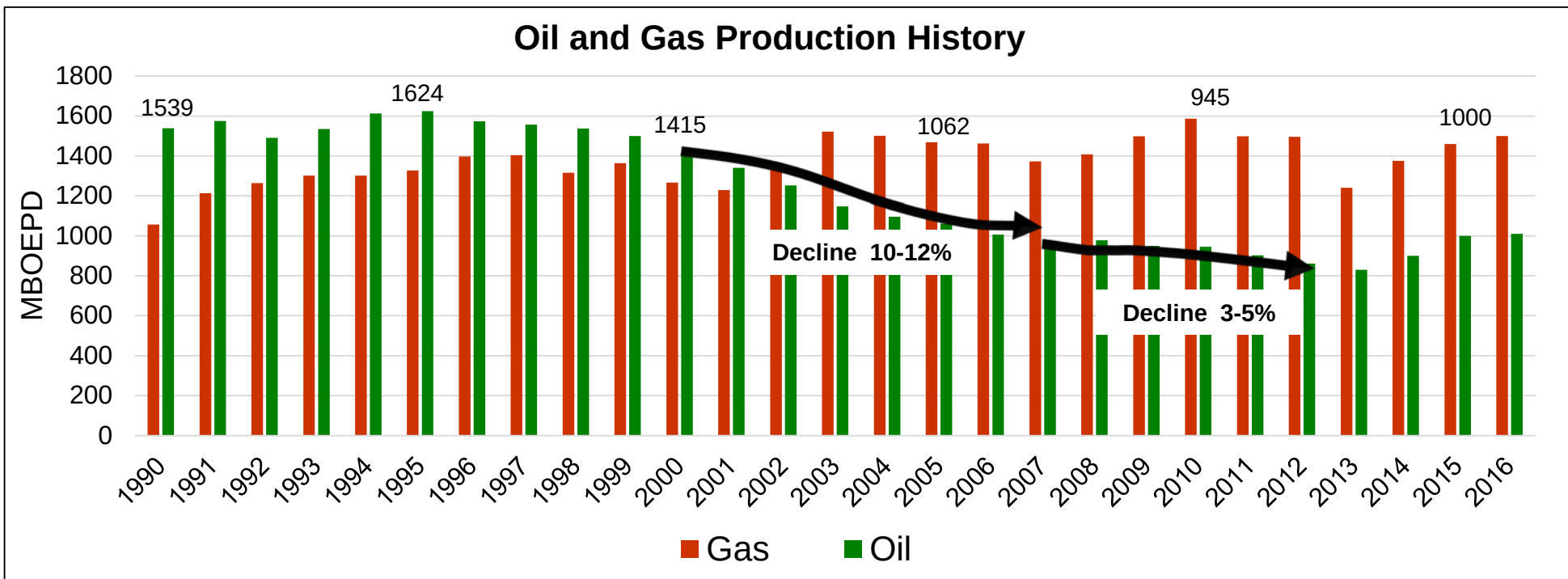


- **Geothermal 5%**

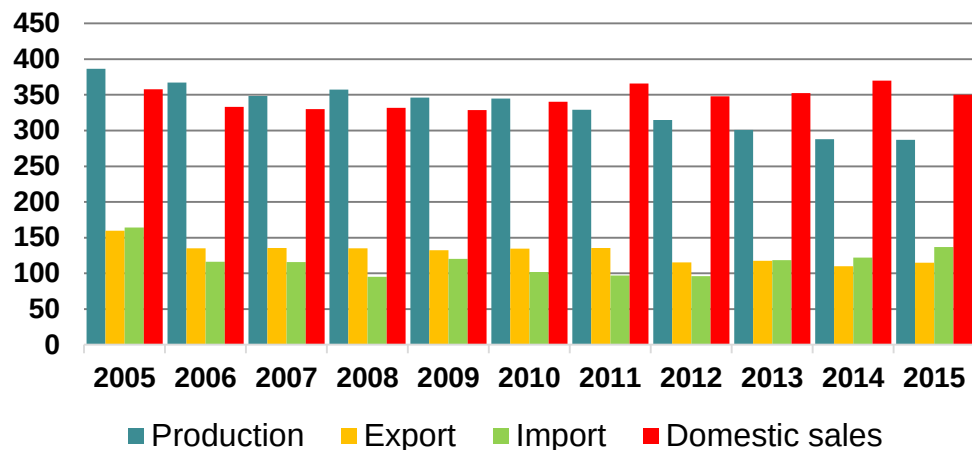
- Biofuel 5,75%

- Nuclear, Hydro, Solar, Wind, and Other NRE 10,25%

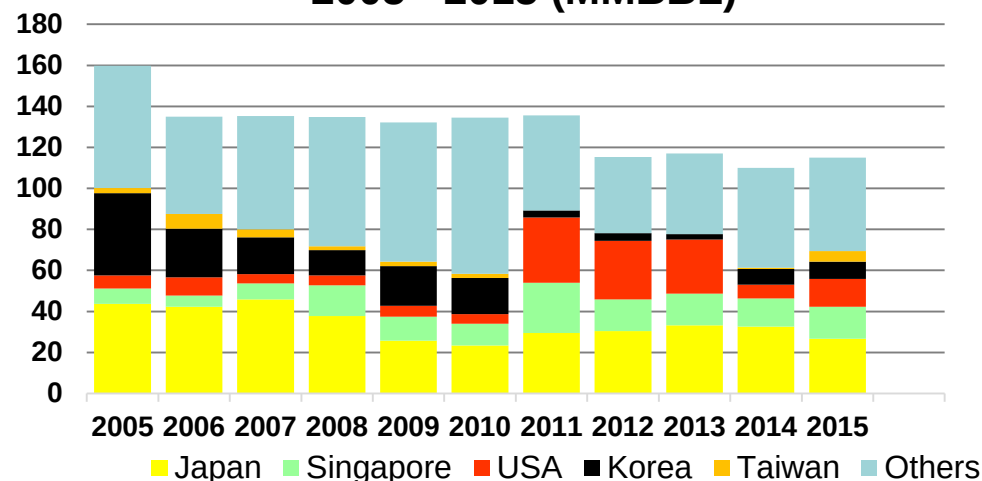
- Liquefied Coal 2%



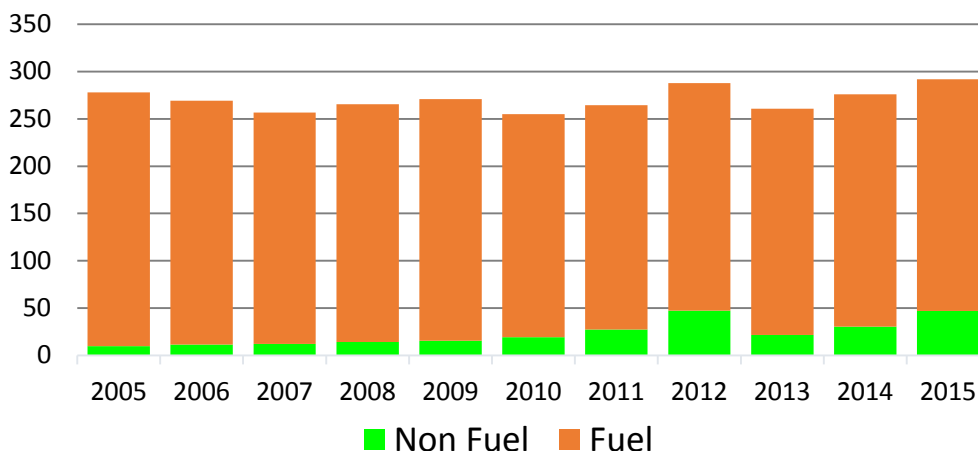
CRUDE OIL SUPPLY AND DEMAND 2005-2015 (MMBBL)



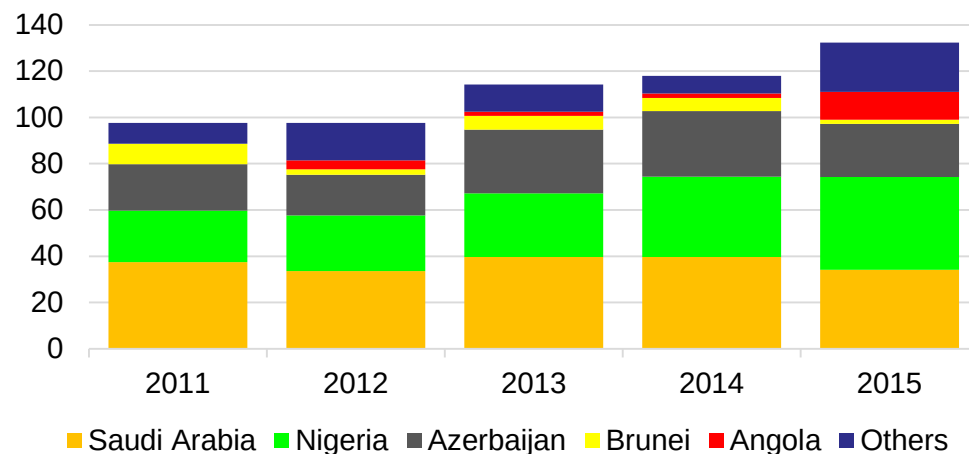
CRUDE OIL EXPORT BY DESTINATION 2005 - 2015 (MMBBL)



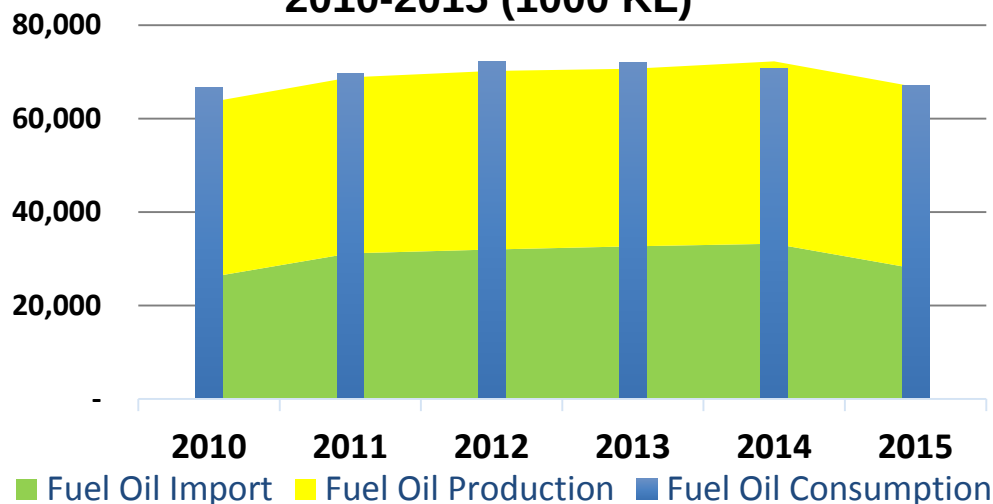
REFINERY PRODUCT 2005-2015 (MMBBL)



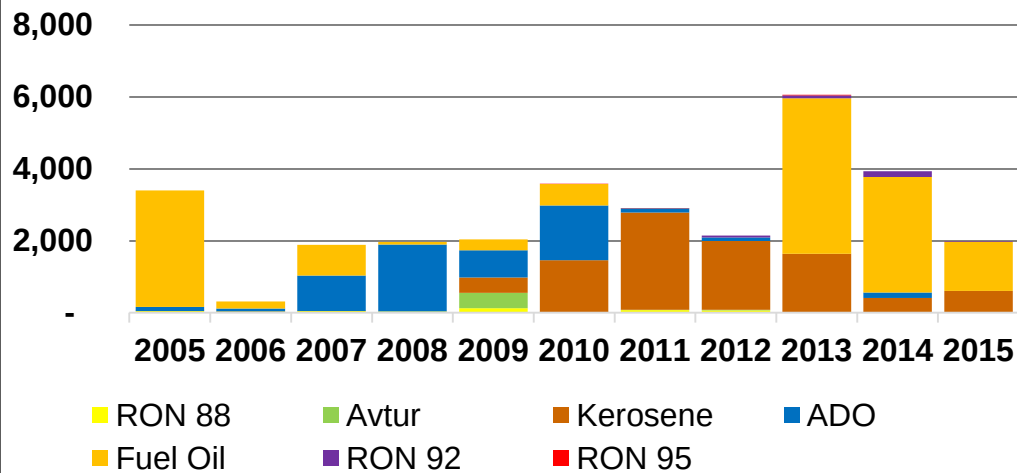
CRUDE OIL IMPORT BY ORIGIN COUNTRY 2011 - 2015 (MMBBL)



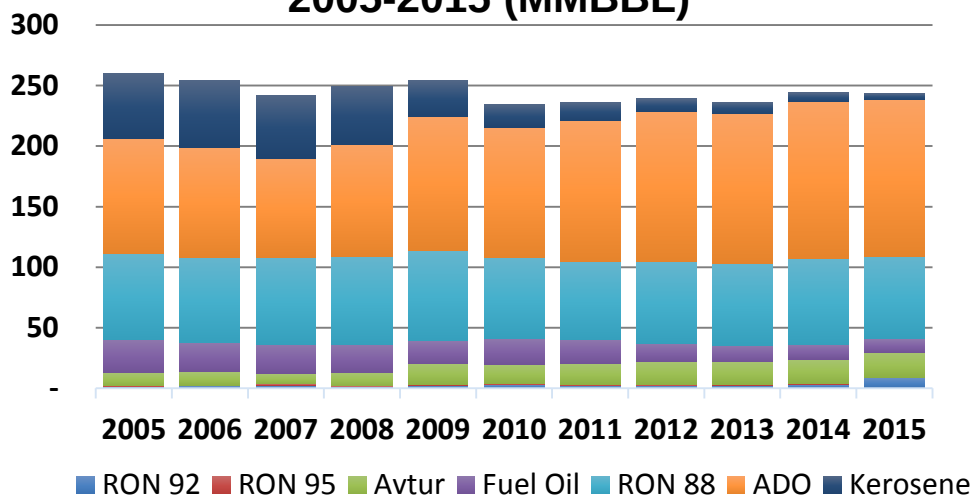
SUPPLY VS DEMAND OF FUEL OIL, 2010-2015 (1000 KL)



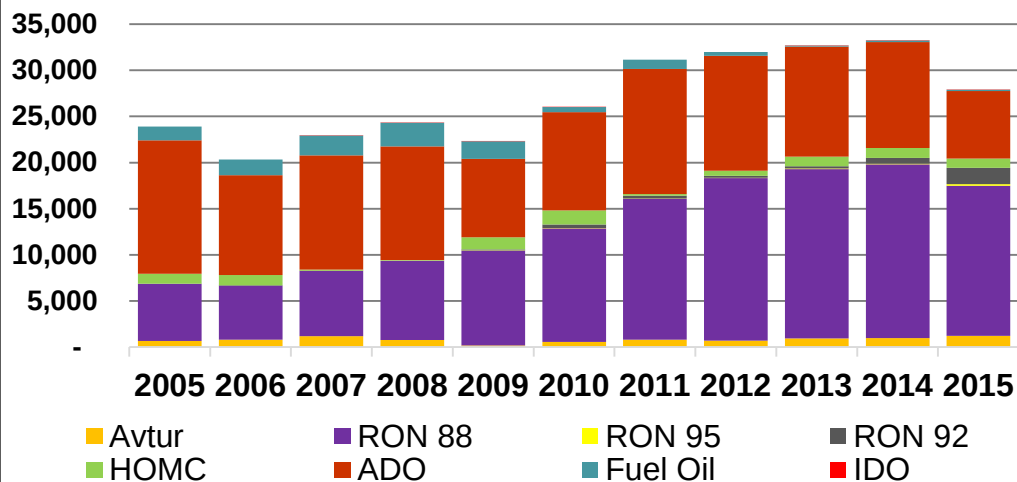
EXPORT OF REFINERY PRODUCT 2005-2015 (MBBL)



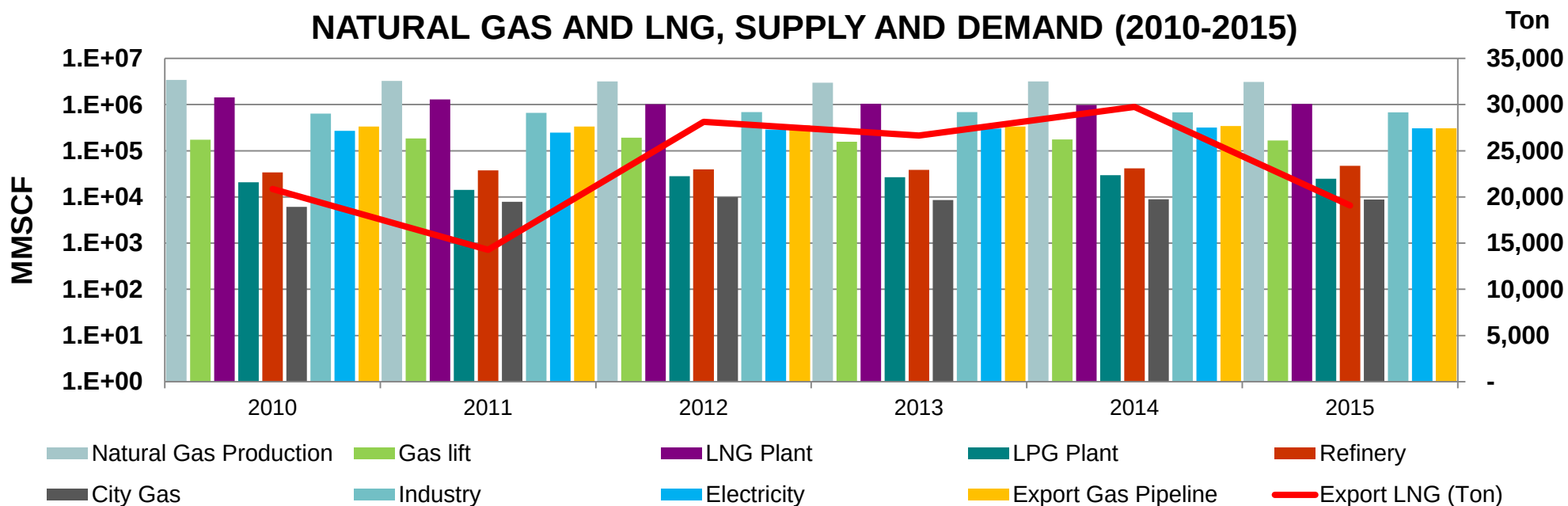
REFINERY PRODUCTION 2005-2015 (MMBBL)



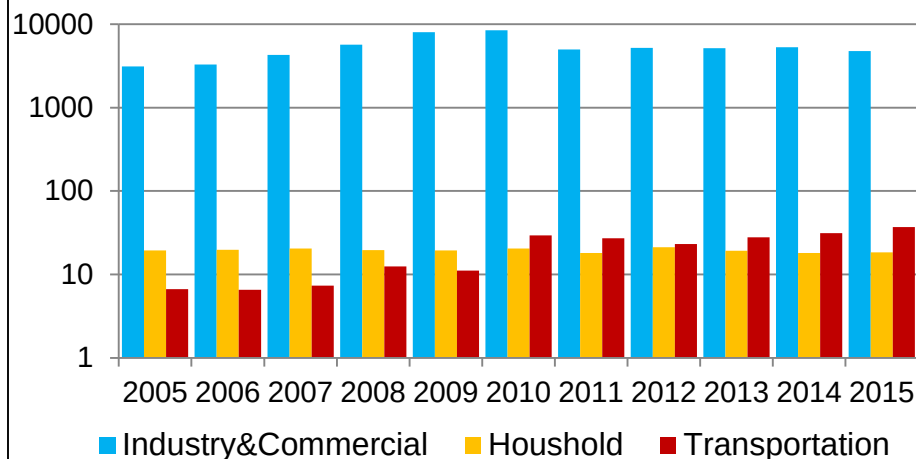
IMPORT OF REFINERY PRODUCT 2005-2015 (1000 KL)



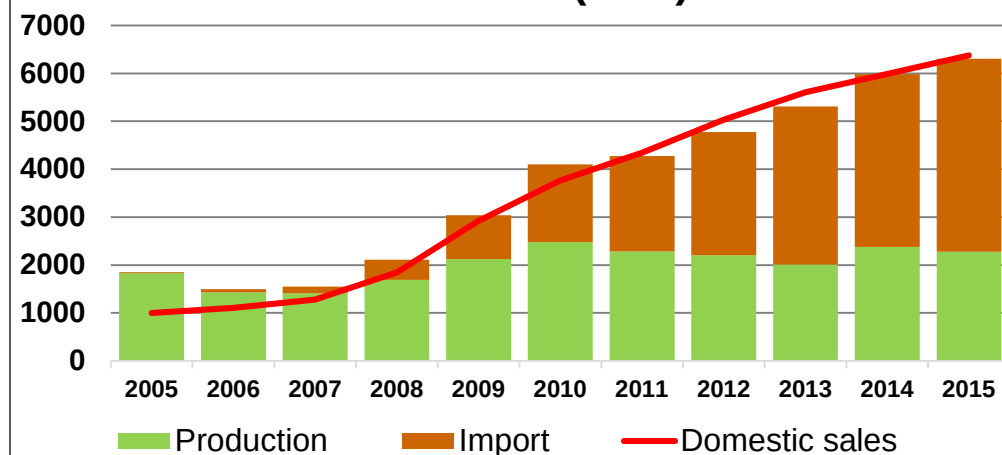
NATURAL GAS AND LNG, SUPPLY AND DEMAND (2010-2015)



CITY GAS UTILIZATION 2005-2015 (Milion Meter Cubic)



LPG SUPPLY AND DEMAND 2005-2015 (TON)



a. Oil Supply Security Policy

Presidential Regulation No.41/2016 on Procedures for Establishing and Countermeasures Energy Crisis

Indonesia has not yet determined the Energy Buffer Reserves (EBR) for crude oil and petroleum products, but Pertamina, a state-owned company, has Operational Petroleum Reserves (OPR) for 21-23 days of consumption

NEC is preparing draft of EBR regulation, to include coverage days, volume, type, location, finance, management, institution

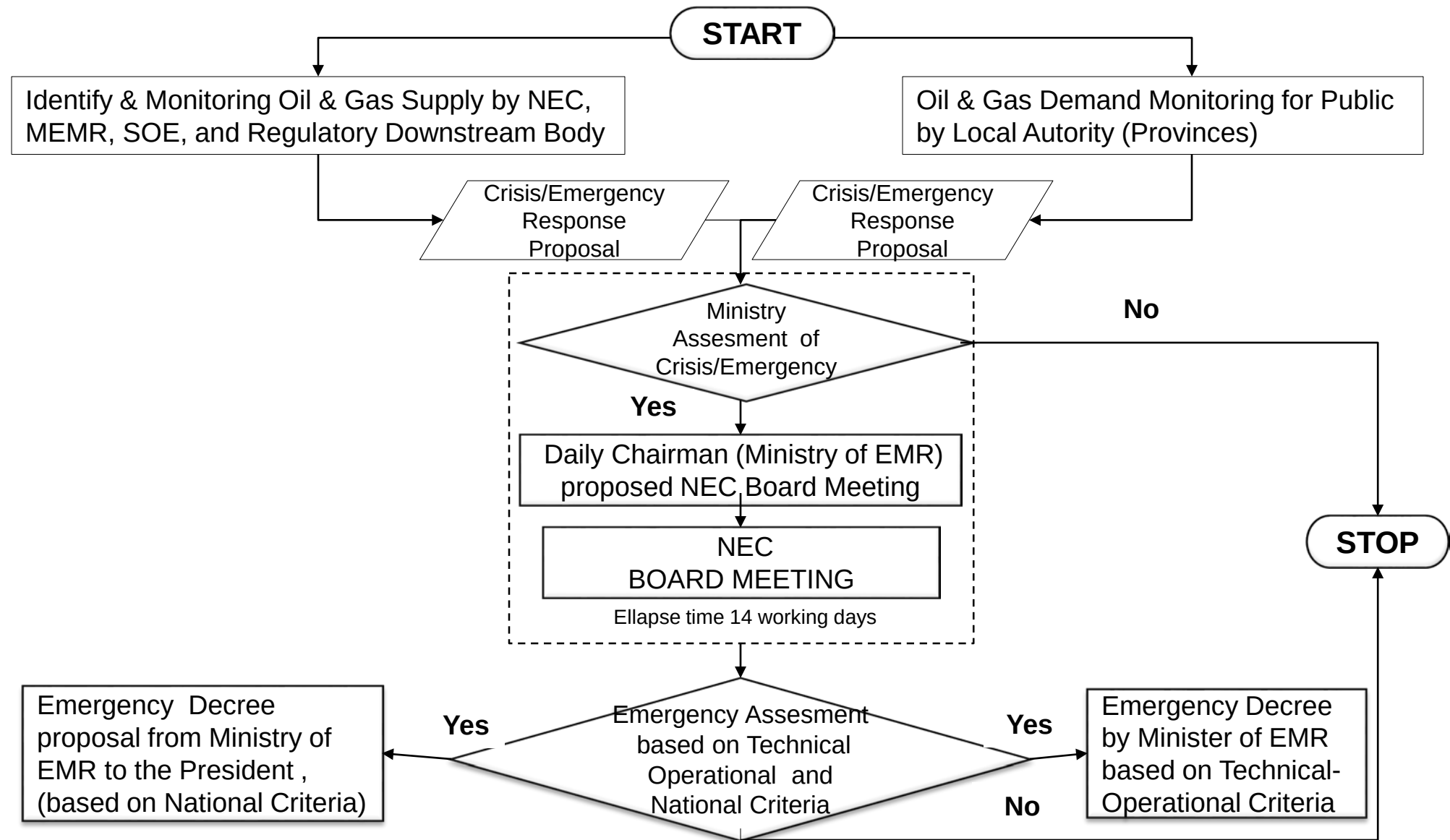
b. Gas Supply Security Policy

Minister of Energy and Mineral Resources Regulation No.6/2016 on Provision and Procedure for Determining Allocations, Utilization and Price of Natural Gas

Minimal stock obligation for Liquefied Petroleum Gas (LPG) supplier (7 days of consumption) is based on Minister of Energy and Mineral Resources Regulation No.26/2009 on Supply and Distribution of LPG

OIL AND GAS SECURITY FRAME WORK FOR EMERGENCY COUNTERMEASURE

INDONESIA



Domestic

- Regulation for mandatory Operational Buffer Reserves in the energy industry for 30 days of consumption (on progress).
- Regulation and schemes of Energy Buffer Reserves (EBR) (on progress).

Regional

Regional framework for oil and gas supply security to accelerate the implementation of ASEAN Petroleum Security Agreement (APSA) in order to strengthen the energy security in South East Asia region.

National Energy Reserves

Government Regulation 79/2014

National Energy Reserves is Energy Resource whose location, amount and quality have been known.

Strategic Reserves

- a. Energy Reserve for the future
- b. **Regulated** and allocated by the Government.
- c. To ensure long-term Energy Sustainability

Operational Reserves

Reserves provided by the Business Entity and Industry Provider of Energy to ensure the continuity of supply

Energy Buffer Reserves

- a. The availability of energy sources and energy stored nationally required to meet national energy needs at a certain time
- b. Reserves other than operational reserves provided by the Business Entity and Industry Provider of Energy
- c. Provided by the Government
- d. Used to overcome critical condition and Energy Emergency
- e. The National Energy Council regulates the types, amount, timing and location



Thank You

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