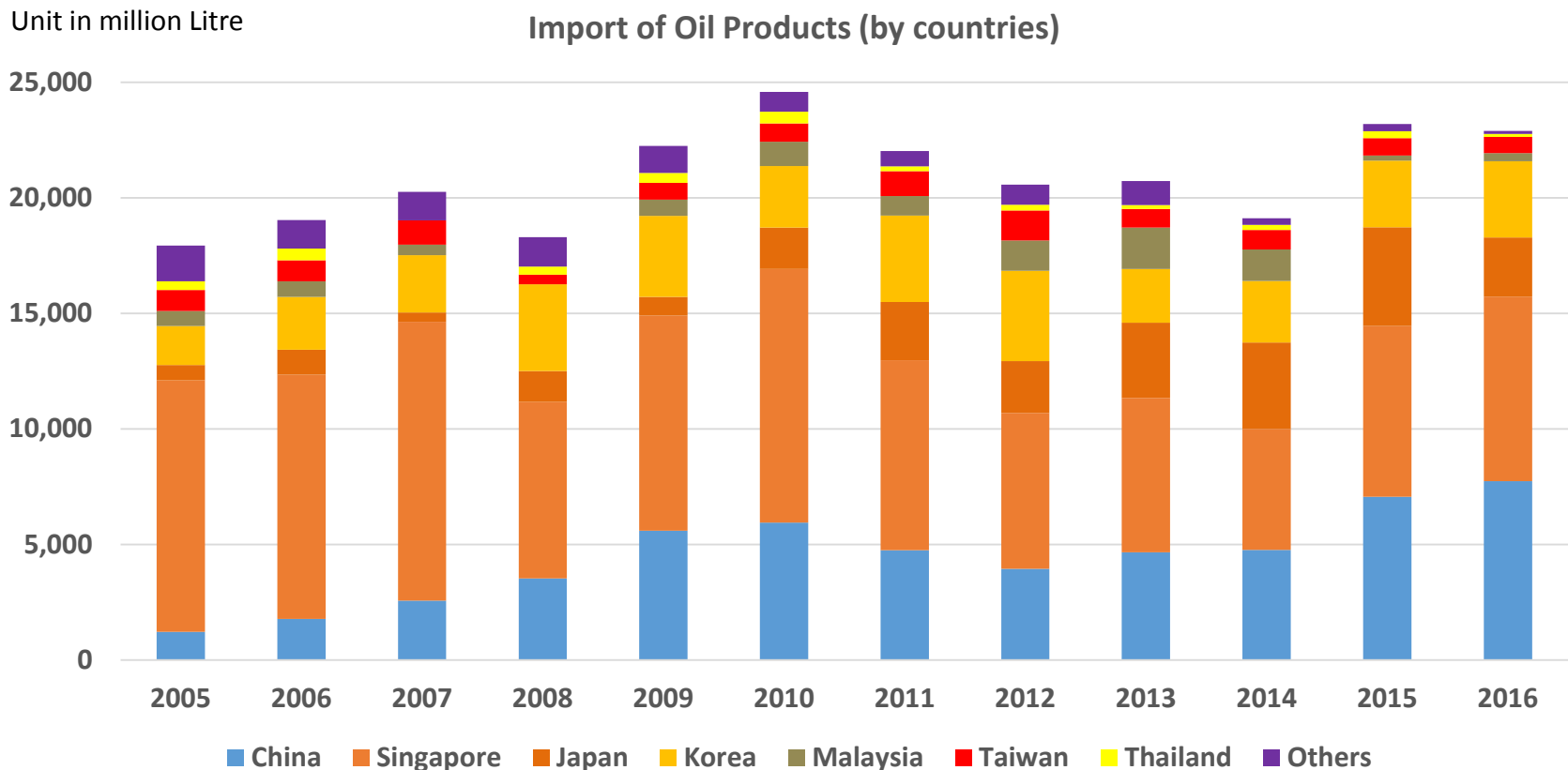


# **Notable Development on Oil and Gas in (*Hong Kong*)**

**CHEUNG Chin King, Thomas**  
**Senior Engineer**  
**Electrical & Mechanical Services Department, Hong Kong**

# Highlights of Recent Changes in Demand on Oil and Gas in Hong Kong

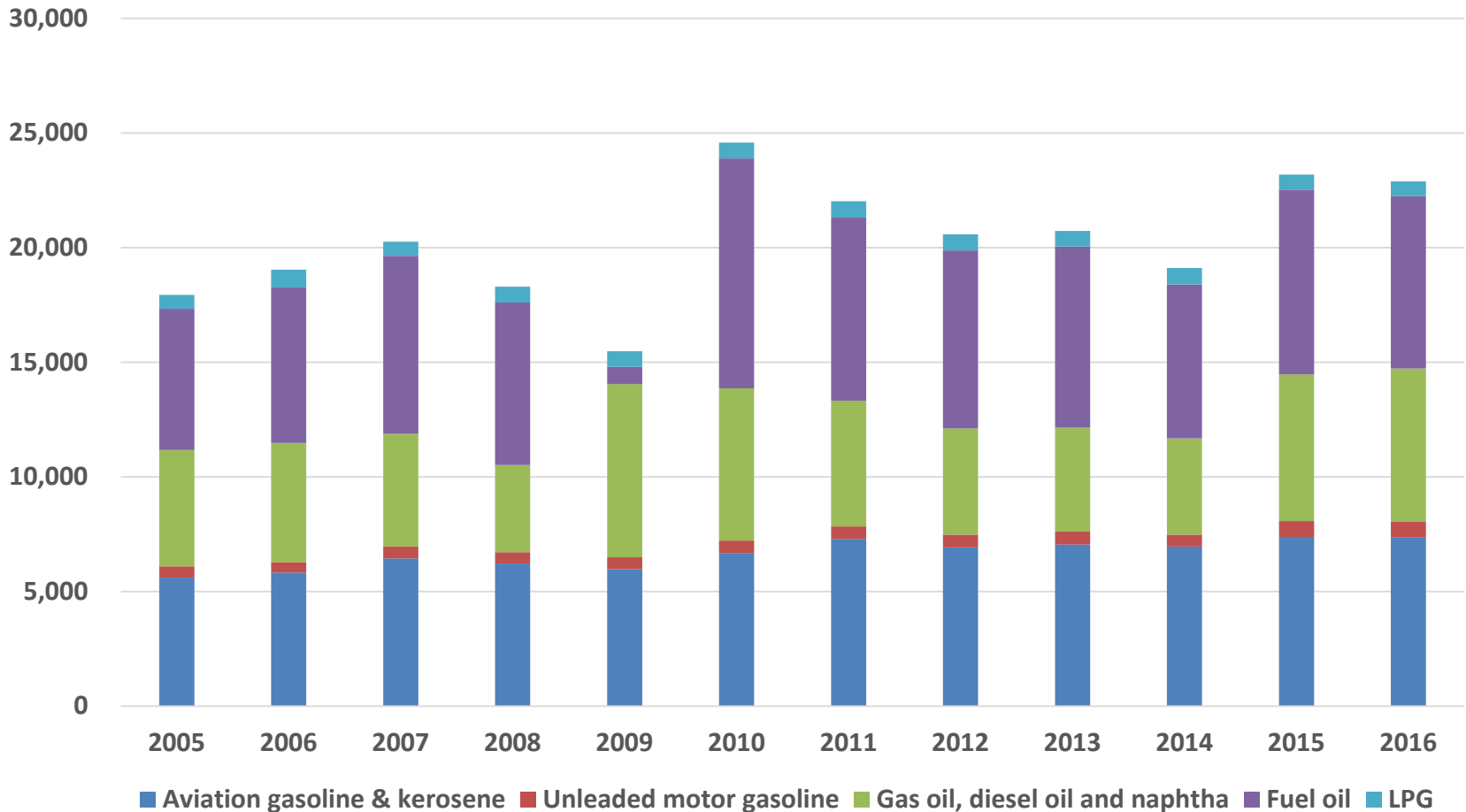
- Oil products are mostly imported from APEC countries
- China, Singapore, Japan and Korea are major suppliers



# Highlights of Recent Changes in Demand on Oil and Gas in Hong Kong

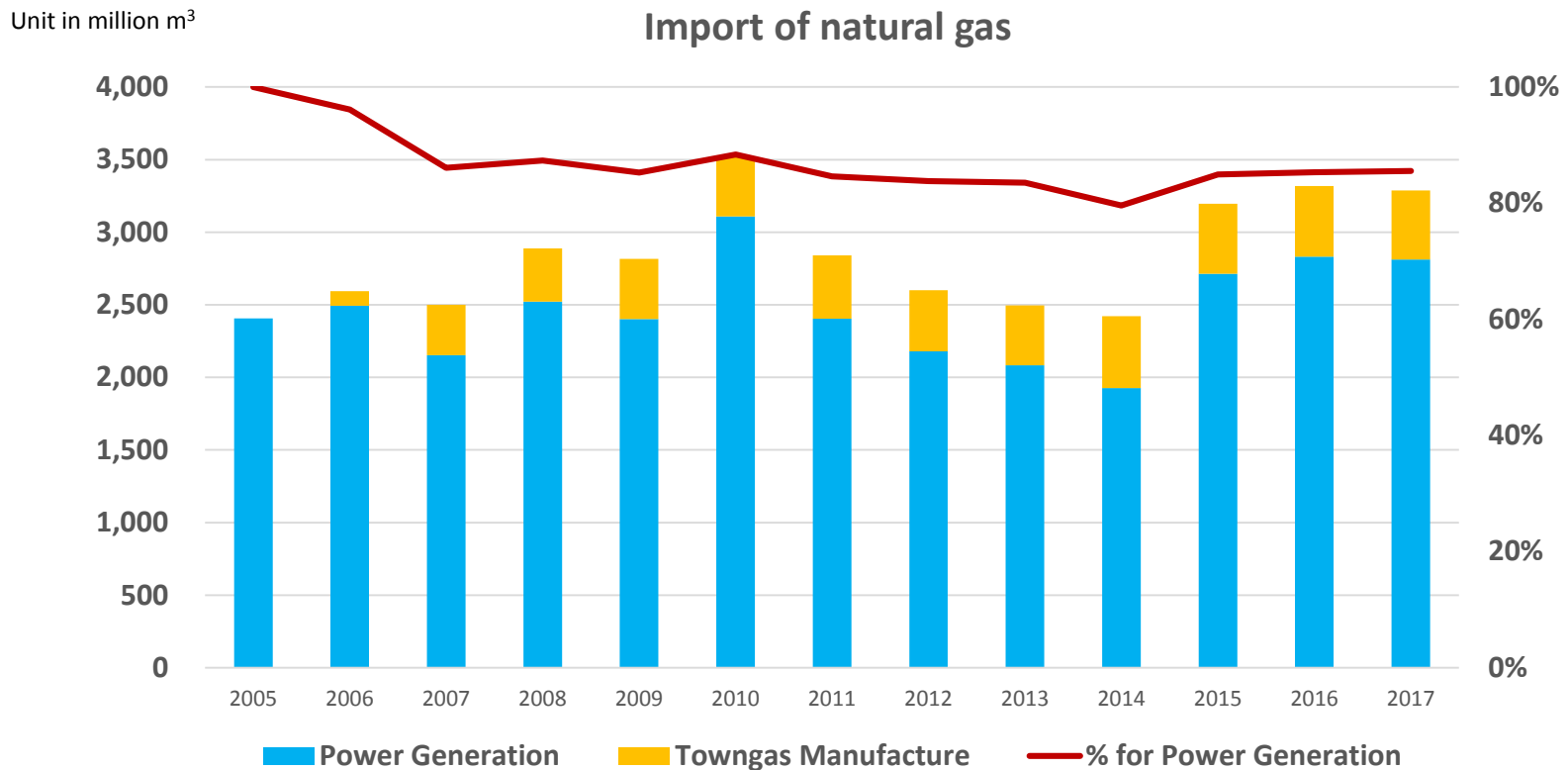
Unit in million Litre

Breakdown on the import of oil products



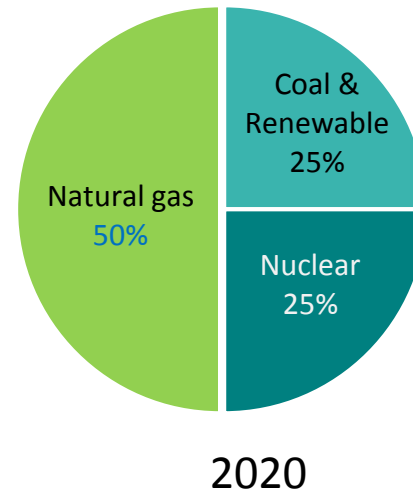
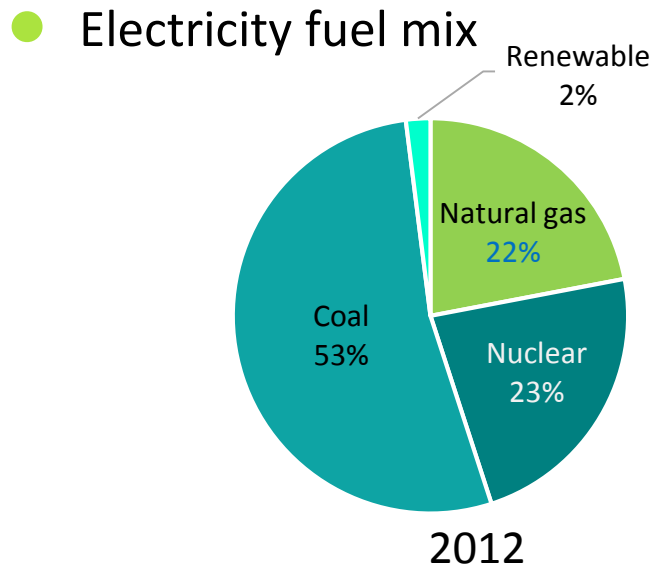
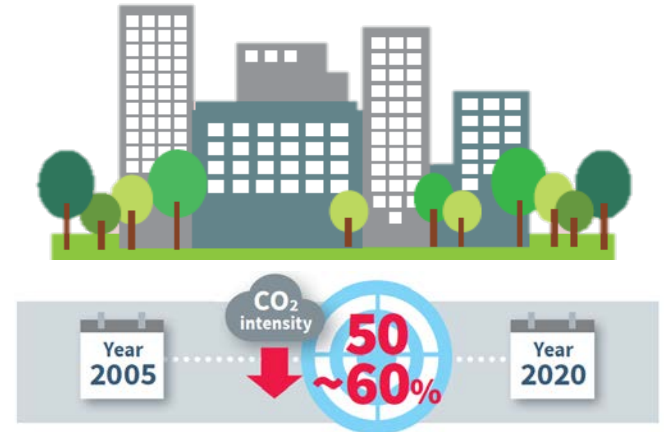
# Highlights of Recent Changes in Demand on Oil and Gas in Hong Kong

- Natural Gas is imported from China via submarine pipeline
- Use for power generation and town gas manufacture



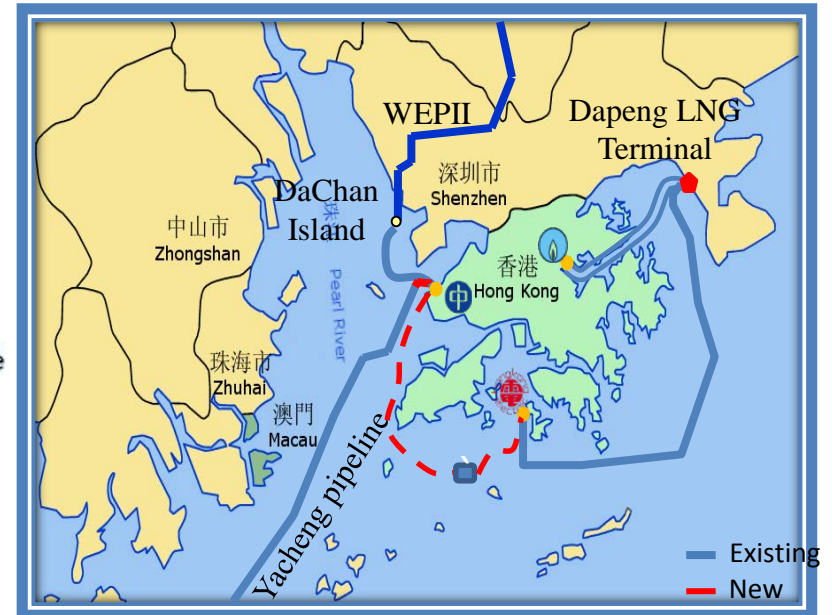
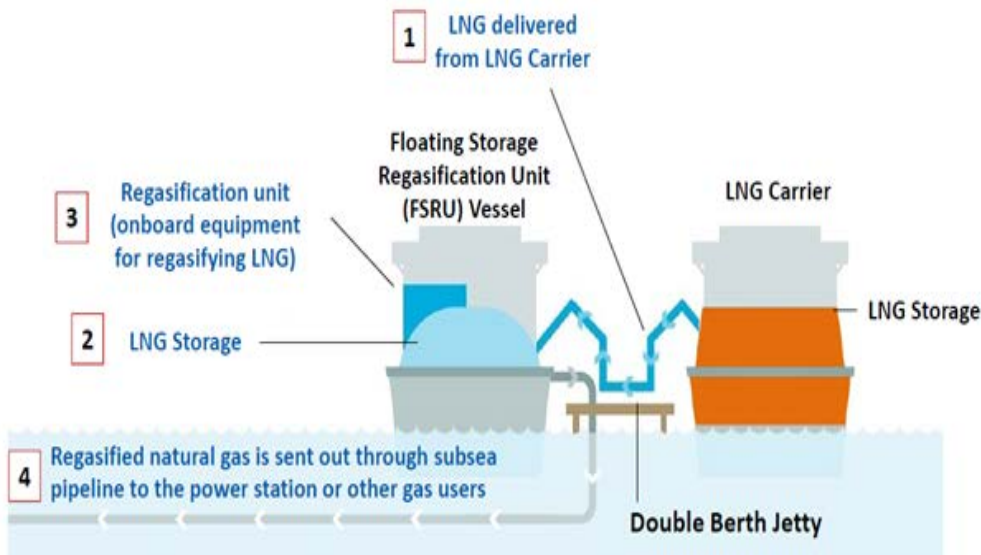
# Notable Development on Oil and Gas in Hong Kong

- Environmental targets for Hong Kong
  - Reduce carbon intensity by **50-60%** by 2020 (as compared to 2005)
  - Reduce the emissions of SO<sub>2</sub> by **35%-75%**, NO<sub>x</sub> by **20%-30%** and RSP by **15%- 40%** by 2020 (as compared to 2010)



# Notable Development on Oil and Gas in Hong Kong

- Existing natural gas supply from China by submarine pipelines
- Offshore Liquefied Natural Gas (LNG) import facility - Floating Storage and Regasification Unit (FSRU) to be commissioned by 2020
- FSRU benefits: Gas supply diversity and security, cost competitiveness and keep abreast of technological developments



# Notable Development on Oil and Gas in Hong Kong

- No natural reserve of natural gas
- Apart from importation, several landfill sites and biogas production plant in operation to supplement energy supply and reduce greenhouse gases.



Organic Resources Recovery Centre (ORRC)



Northeast New Territories Landfill (NENT)



West New Territories Landfill (WENT)



South East New Territories (SENT) Landfill

# APEC Cooperation

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- Explore cooperative measures between economies to safeguard oil and gas supply during emergency period.
- Organize more technical visits, seminars and working group meetings





# Thank you very much

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