



# **TREND AND CHALLENGES ON NUCLEAR ENERGY POLICY IN MALAYSIA**

**Presented by:**

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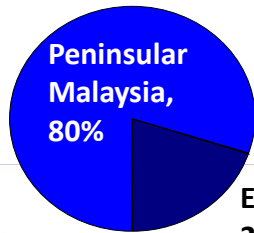
**Presented for:**

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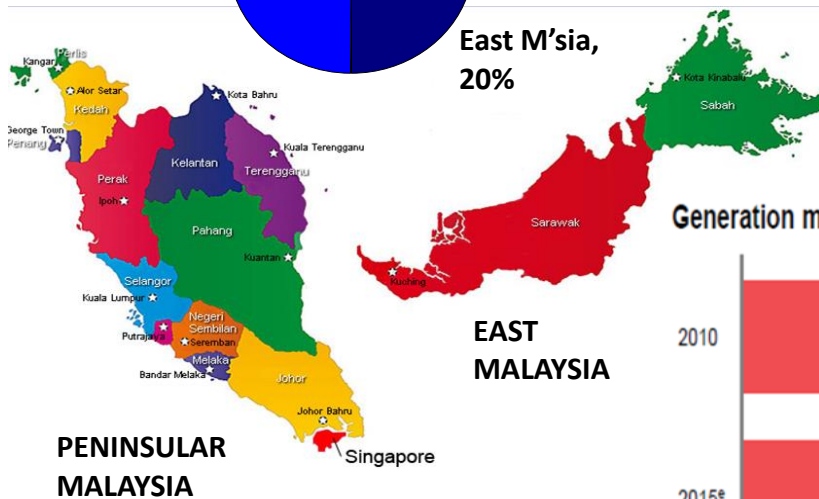
**Tokyo, Japan**

# OPTION FOR NUCLEAR ENERGY IN MALAYSIA

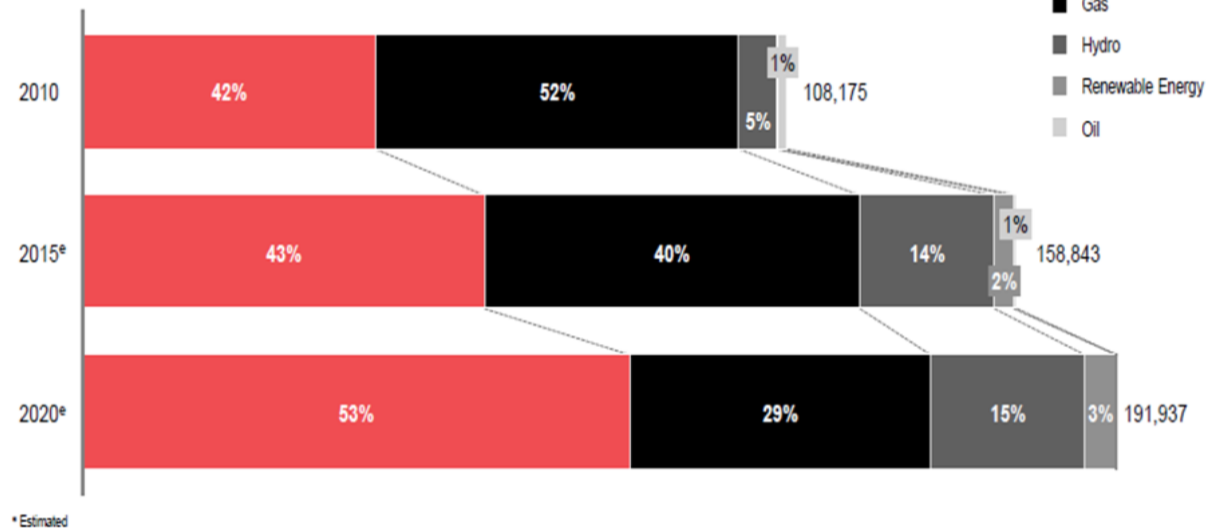


Population Distribution

East M'sia, 20%



Generation mix, % total GWh



- Total population: 31.1 million (2015)
- Total landmass: 329,847 km<sup>2</sup>
- Peak Demand for Electricity in Peninsular Malaysia (2014): 16,901 MW

# CHALLENGES FOR NUCLEAR ENERGY IN MALAYSIA



## Current Status

- Working towards enactment of the new comprehensive nuclear law for electricity generation
- Implementation of the communication plan on nuclear power
- Implementation of Nuclear Power Infrastructure Development Plan (NPIDP) & Nuclear Power Regulatory Infrastructure Development Plan (NPIRDP)

## Future Plan

- Continue working on four (4) critical path items of ETP
- Development of national policies on nuclear fuel cycle and radioactive waste & human capital development

# SUMMARY

- Malaysia is active without decision on exploring nuclear energy as an option for electricity generation
- There are four (4) critical paths that must be addressed with highest priority namely public acceptance, ratification to the relevant international treaties, ensuring correct regulatory framework in place and approval for plant site
- Effective implementation of these critical paths will further support the decision making process related to development of nuclear energy in Malaysia, including to put nuclear energy as part of the national energy mix

**THANK YOU FOR YOUR ATTENTION**

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