

Joint APEC-IRENA Training Workshop on Renewable Energy Statistics "Biomass and Biogas Data Collection, Estimation and Validation for Malaysia"

14 - 17 December 2020





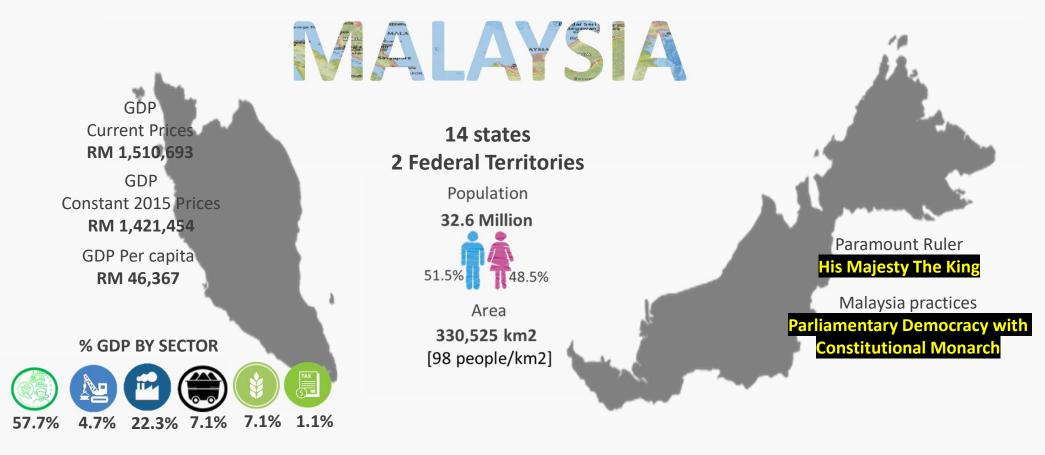
OUTLINE

- Country's Background
- Malaysia's Energy Statistics (2018)
- RE in Malaysia & Data Collection
- Estimation and Validation
- Challenges





Country's Background

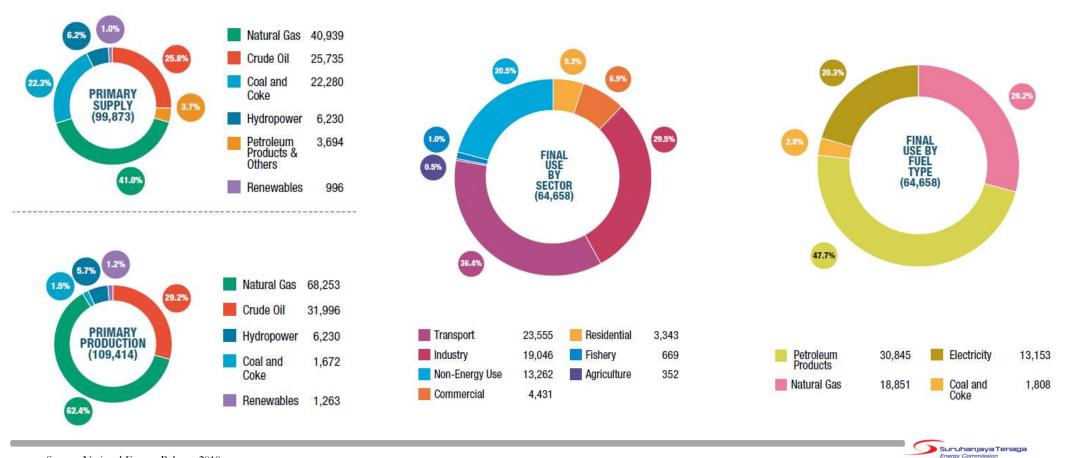


Source: Department of Statistics Malaysia

Suruhanjaya Tenaga Energy Commission

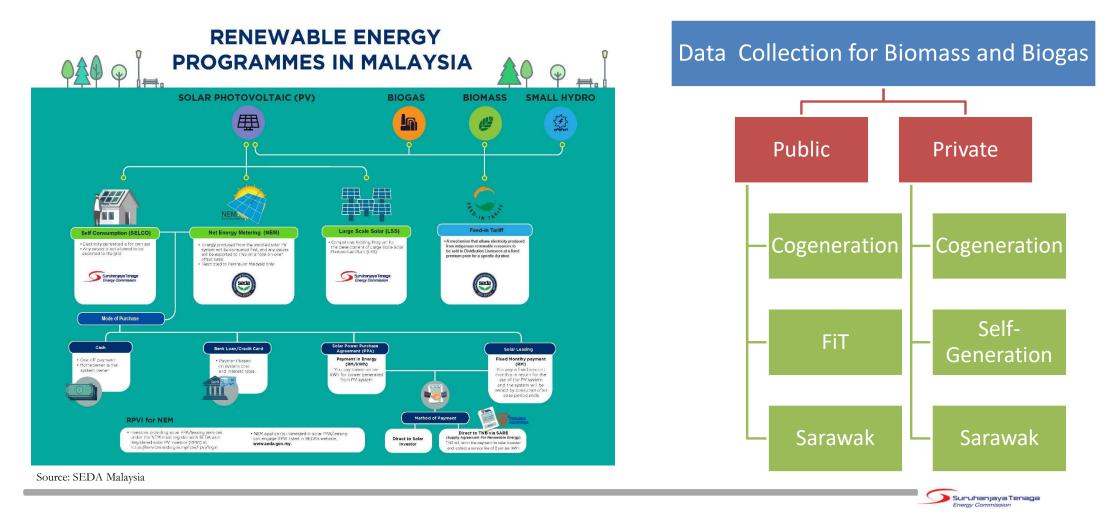


Malaysia's Energy Statistics (2018)



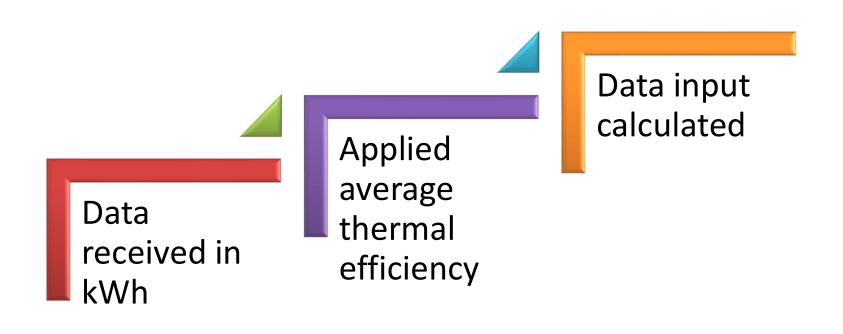
Source: National Energy Balance 2018







Estimation and Validation







biomass and

biogas

Challenges

Data Collection	Estimation	Validation
 Coverage for Peninsular & Sabah and not Sarawak Only for power sector Timeliness and completeness 	 Partially actual data for fuel input Around 30% efficiency based on average thermal 	 No automated validation data submission Time consuming Some confusing between







Energy Data & Research Unit

zaharin@st.gov.my fazrina@st.gov.my



