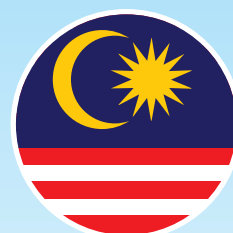


OVERVIEW

Malaysia



★ Kuala Lumpur

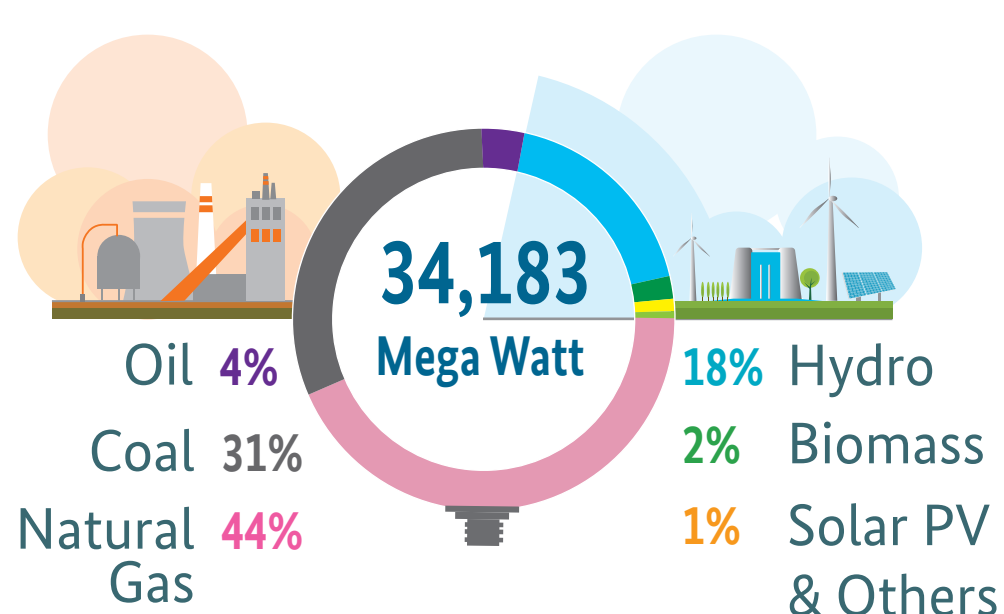
331,388 km²

32,385,000

*as of 2019

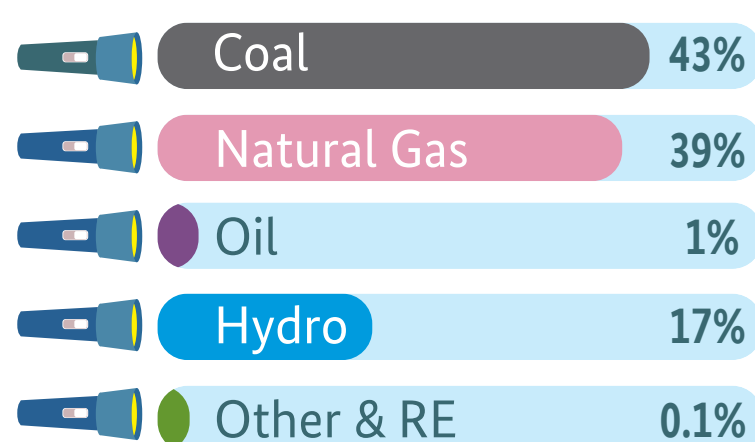
Electrification
⚡ 99 %

2017 Installed Capacity



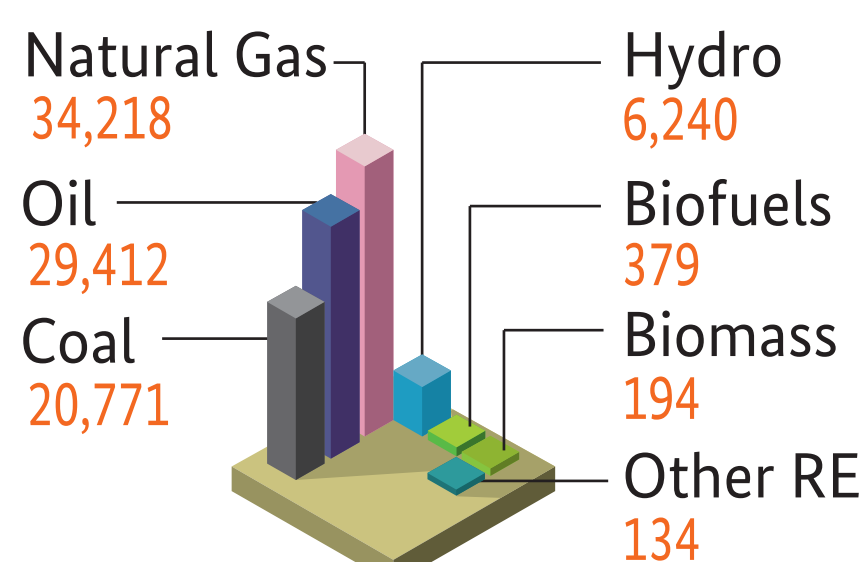
2017 Power Generation

160,643 Gwh

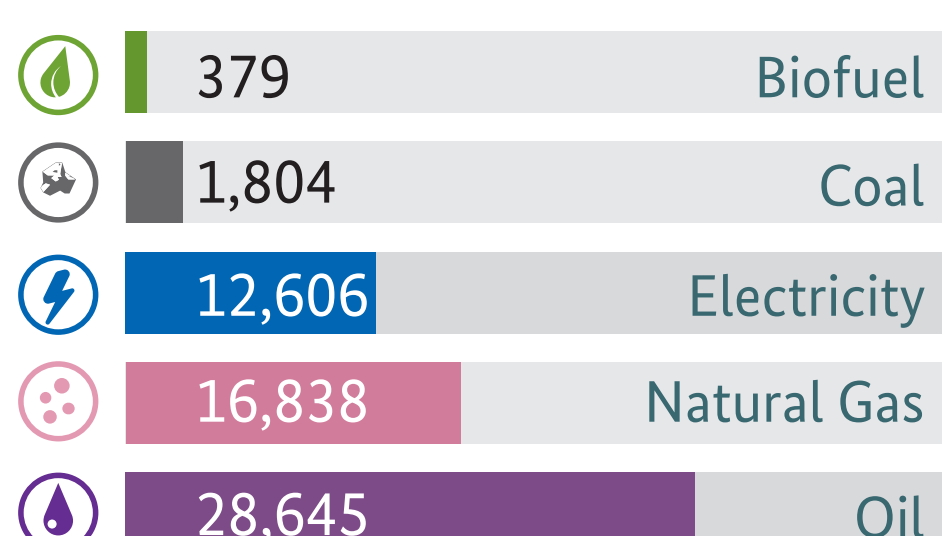


2017 Energy Supply

91,348 Ktoe



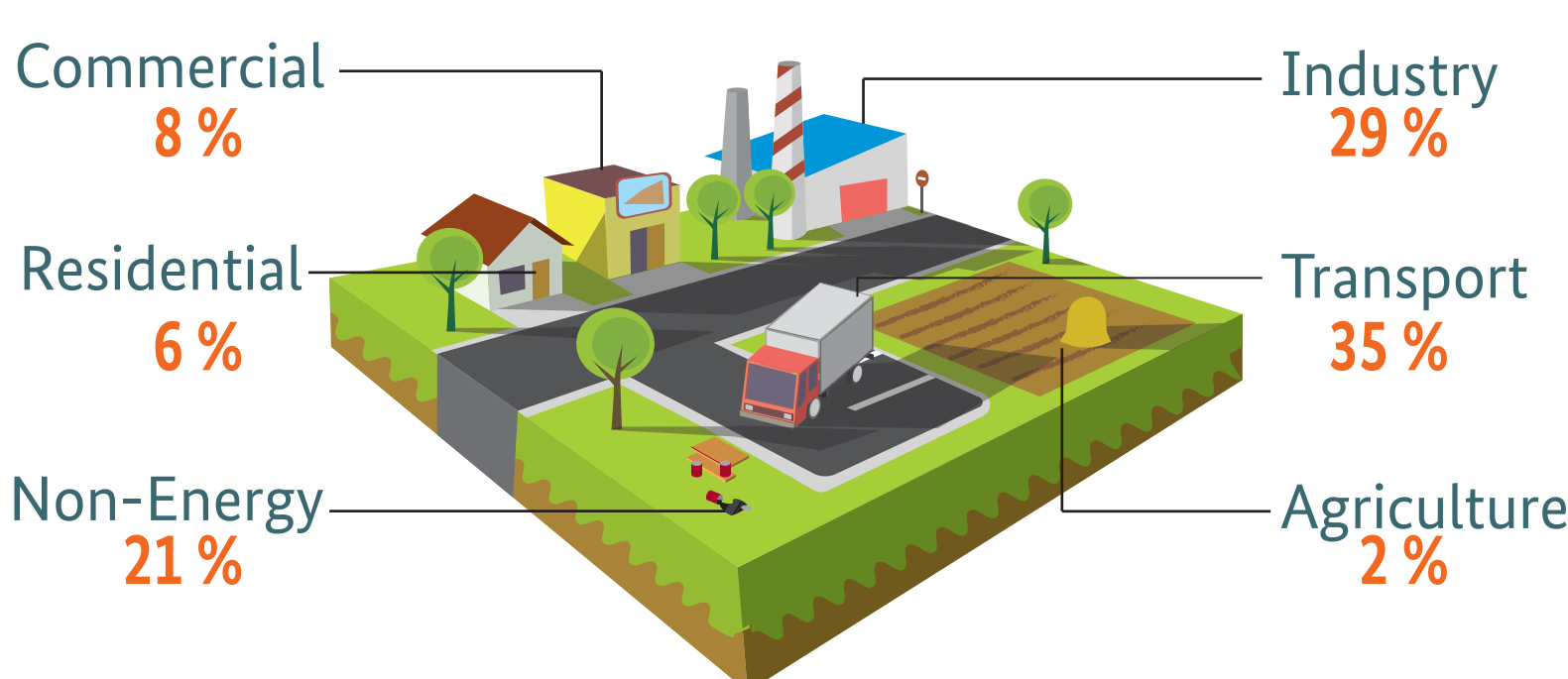
2017 Final Energy Consumption by Fuel (Ktoe)



Ktoe = Kilotonne of Oil Equivalent

2017 Fuel Consumption by Sector

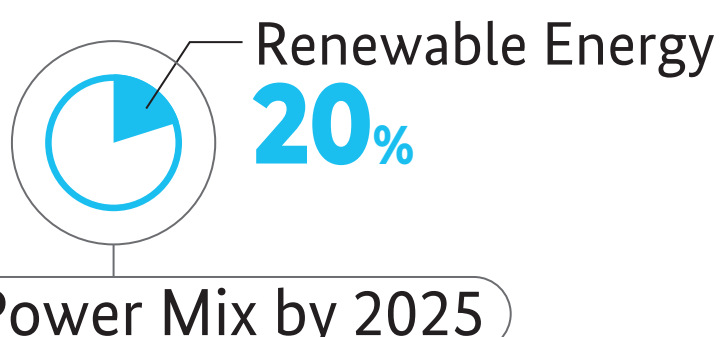
60,272 Ktoe



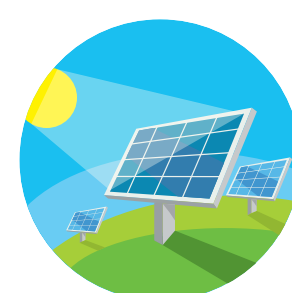
NATIONAL POLICY



Renewable Energy Transition Roadmap 2035



Guidelines for Large Scales Solar Power Plants Connection - Transmission - Distribution



Guideline for Developers to :

- Build, Own and Operate a solar power plant
- Eligibility connect to the distribution Network

Guidelines For Biogas Power Plant & Acceptance

- Biogas power plant assessment checklist
- Performance assessment for Feed-in-Tariff (FiT) project

Green Technology Masterplan 2017 - 2030

- Reduce CO₂ emissions by 20%
- Increase Renewable Energy to 25%
- Boost Energy Efficiency to 15%

Guidelines for Energy Service Company (ESCO) Registration

Residential-Commercial-Industrial

Electricity consumption target:

↓ 8%
2016 ~ 2025

2018

2016

National Energy Efficiency Action Plan

Requirement & Condition for ESCO Registration

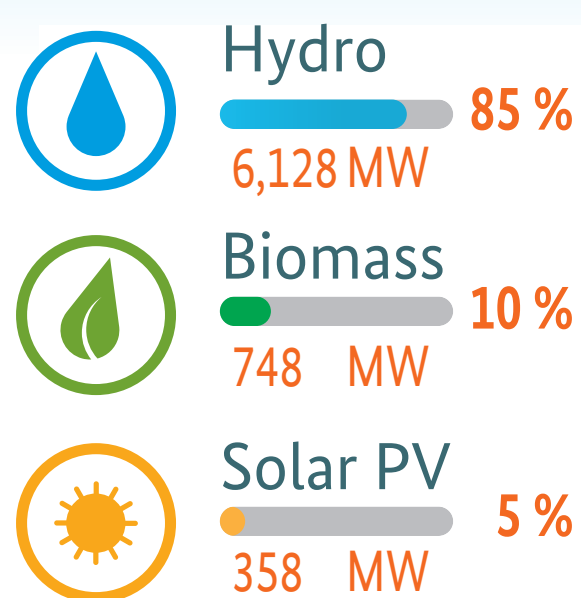
The 11th Malaysian Plan 2016 - 2020

- Reduce Greenhouse gases emission
- 20% Green procurement
- Renewable source in 2020 reach 7.8% (2,080 MW)

ACTIVITIES

RENEWABLE ENERGY

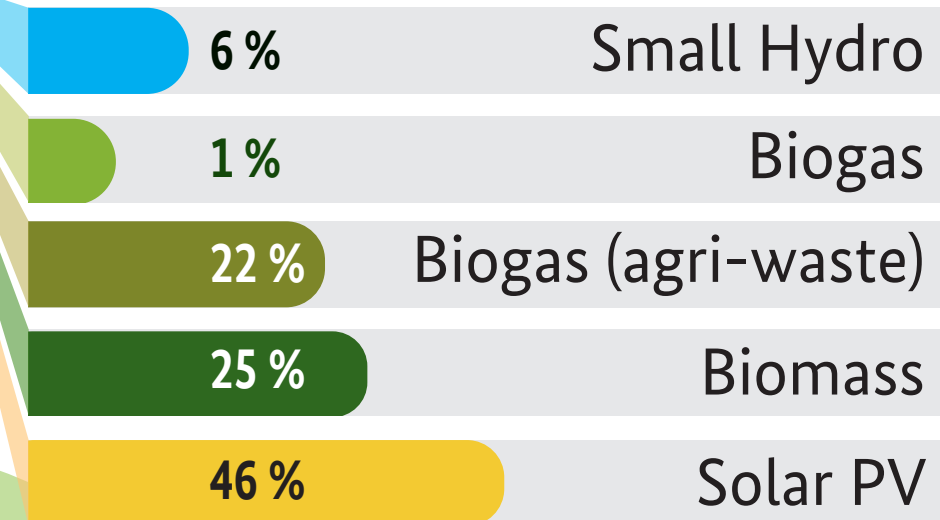
2017 RE Installed Capacity



7,224 MW

2018 RE Power Generation

791,911 GWh



Development Strategies



- Increase RE contribution
- Enhance awareness
- Facilitate the growth
- Conserve the environment
- Ensure generation cost

Human Capital Development

Design-Installation-Operation-Maintenance



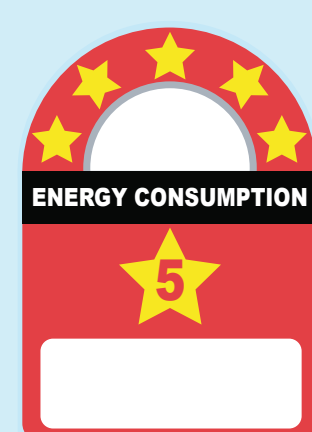
ENERGY EFFICIENCY

National Energy Efficiency Action Plan (NEEP)

- Promotion of 5-star rated appliances
- Minimum Energy Performance Standard
- Energy Audit & Management in Building & Industries
- Promotion of Cogeneration
- Energy Efficient Building Design



Building & Appliances Energy label



Electricity Consumption in 2019

↓ 1,517 GWh

1 of 8 % target