

# New Zealand

## APEC EGEEC 51<sup>st</sup> Meeting Economy Update

April 2018



# Government Policy

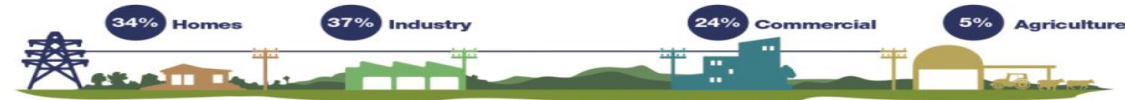


“Net Zero Carbon Economy by 2050”

# Energy use profile (TBC)

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## 26% Electricity



## 38% Transport Fuels



## 28% Process Heat

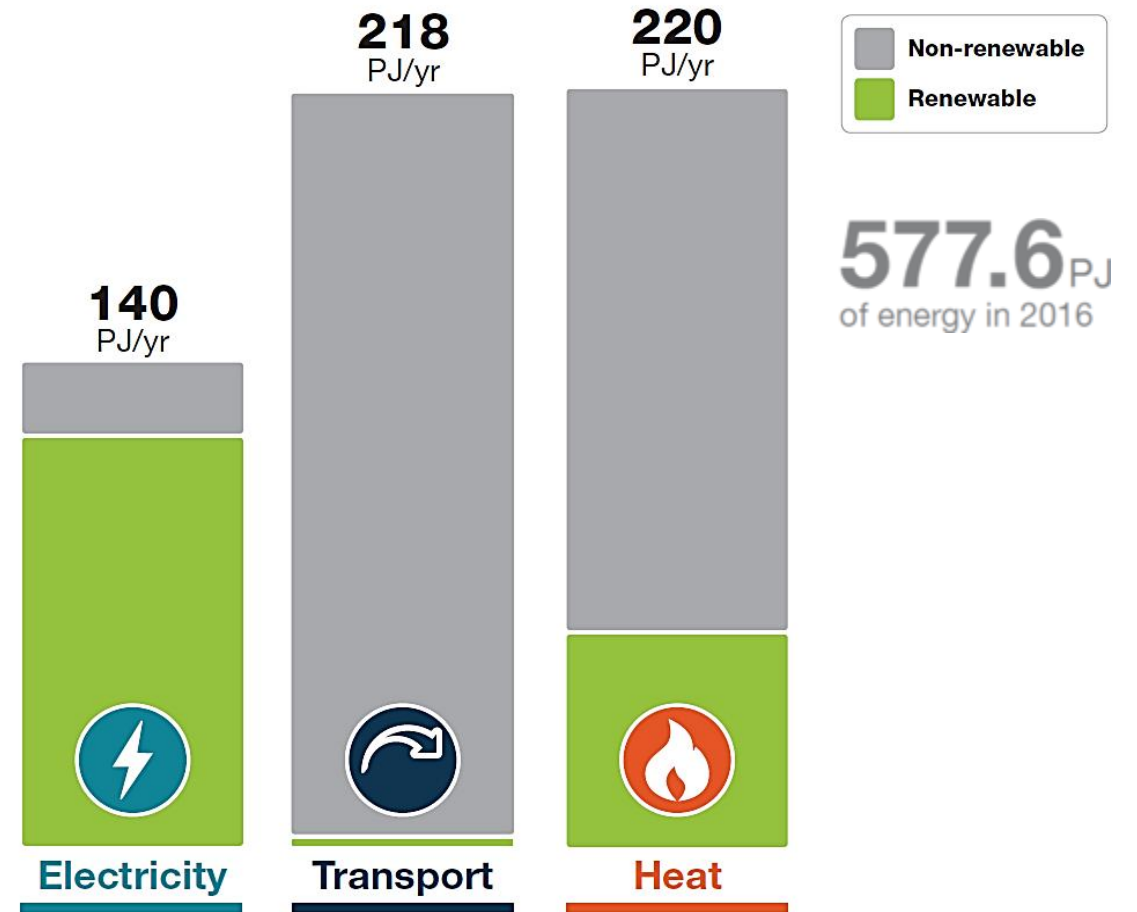
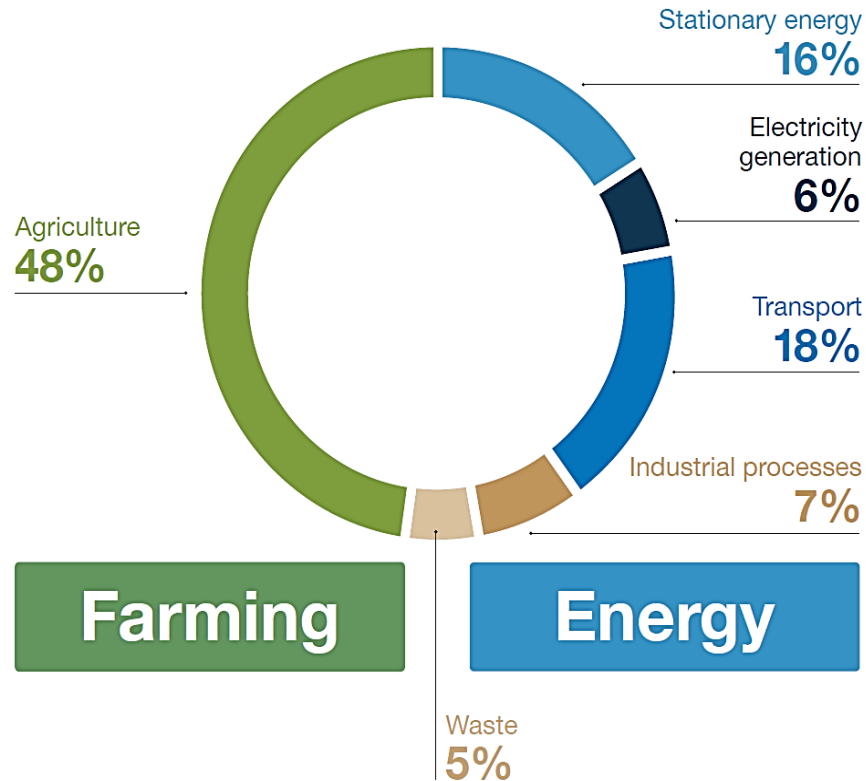


## 8% Other

Includes some business transport and non-electric residential.

# Climate change opportunities are in transport and process heat

## New Zealand's greenhouse gas emissions in 2015



Source: New Zealand's Greenhouse Gas Inventory 1990-2015, Ministry for the Environment (2017)

Source: Energy in New Zealand: 2016 calendar year edition, MBIE (2017)

# Overarching Strategy

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## NZ Energy Efficiency and Conservation Strategy (NZEECS)

**Goal: New Zealand has an energy productive and low emissions economy**



# Three priority areas

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**01**

Renewable and efficient use of **process heat**

Target: Decrease in industrial emissions intensity of at least one per cent per annum on average between 2017 and 2022.



**02**

Efficient and low emissions **transport**

Target: Electric vehicles make up two per cent of the vehicle fleet by the end of 2021.



**03**

Innovative and efficient use of **electricity**

Target: 90 per cent of electricity will be generated from renewable sources by 2025 (in an average hydrological year), providing security of supply is maintained.