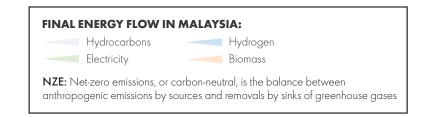
the tree, the sky, the sun

A Pathway Towards Malaysia's Carbon-Neutral Future



Total final consumption: 3.57 EJ/Year Solar provides 50% Residential 2030 of Malaysia's total Most homes are primary energy CO₂ emissions powered by Solid progress towards NZE through solar-battery systems successful national coordination, Total final Youth & young adults 50% of total primary energy monitoring & enforcement consumption: favour carbon-neutral comes from renewable 2.84 EJ/Year Freight agenda, shaping national sources, 27% from natural gas Biofuels from sustainable **Transport** sources displace oil in Residential Freight transport vehicles are liquid fuel mix Kick-start public & hybrids or use hydrogen fuel industry engagements Freight Thriving EV market further **Transport** Road transport is catalyses electrification Highly efficient public transport system almost 50% electrified Initiate low carbon significantly reduces personal vehicle use Passenger mobility actions Transport Deregulate fuel market Passenger Transport Malaysia achieves 43% electrification rate, with more Services Make mandatory public Refresh focus on energy consultation for deforestation Thriving forests spur efficiency, renewables, and than 50% from solar energy eco-tourism, creating electrification programmes wealth and employment Catalyse solar & renewables as Services key long-term energy solutions Introduce national digital Industrial Widespread green dashboard to track progress & Enhance energy buildings & use of solar PV monitor carbon fund distributions efficiency & green as building materials Industrial building programmes Digitalisation continues to enhance smart grid & Introduce carbon pricing electrification 2065 Non-Energy Malaysia moves beyond CO₂ emissions 55% forest cover Implement national Use with Reforestation Non-Energy eforestation programme Use 2020 2025 2030 2035 2040 2045 2050 2055 2060 2065 2070