



ADVANCING GREEN GROWTH IN THE ENERGY SECTOR

*A 3-PRONGED DEVELOPMENT PATHWAY TO BOOST
ECONOMIC GROWTH, ENHANCE INCLUSIVITY
AND COMBAT CLIMATE CHANGE*

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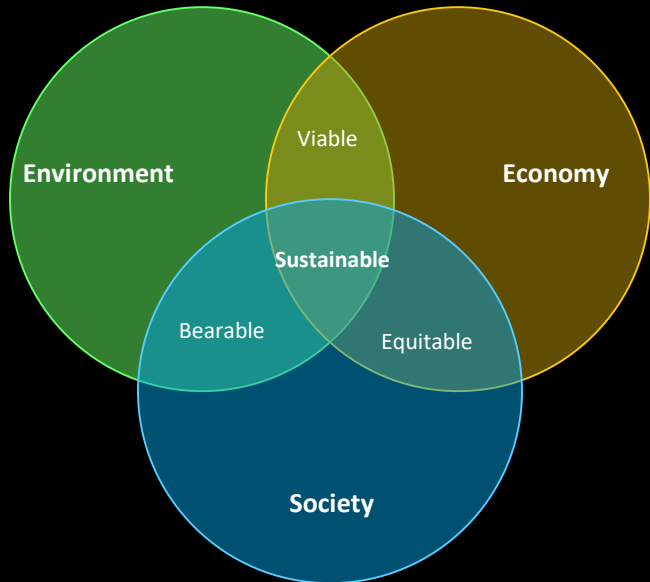
Green Technology Application for the Development of Low Carbon Cities



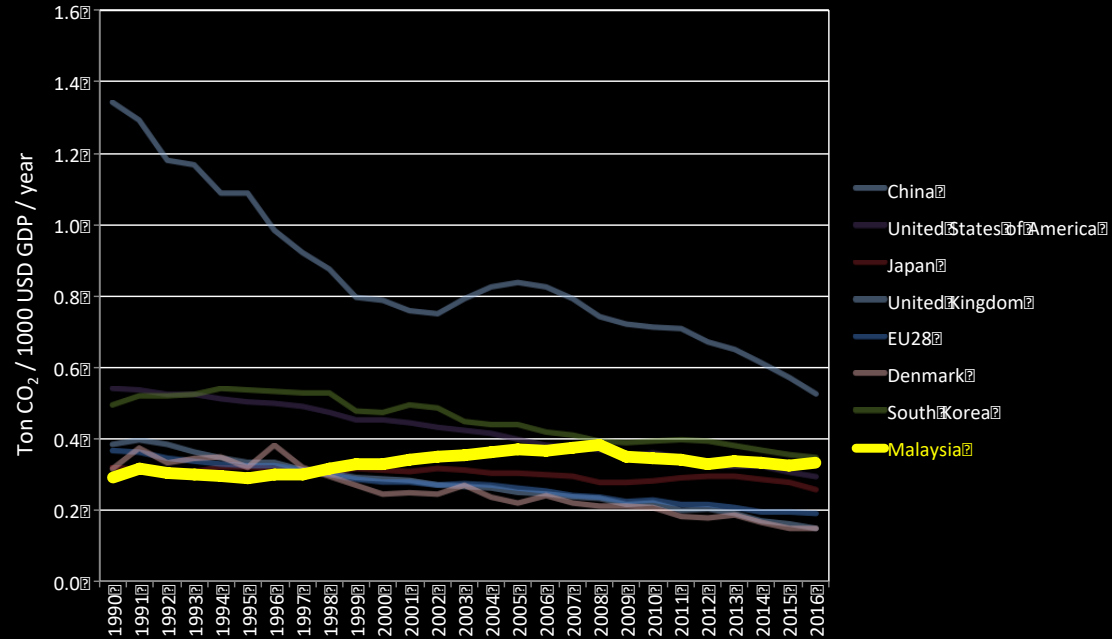
Green Growth

“fostering **economic growth** and development, while ensuring that **natural assets continue to provide the resources and environmental services** on which our **well-being** relies”

OECD Green Growth Definition

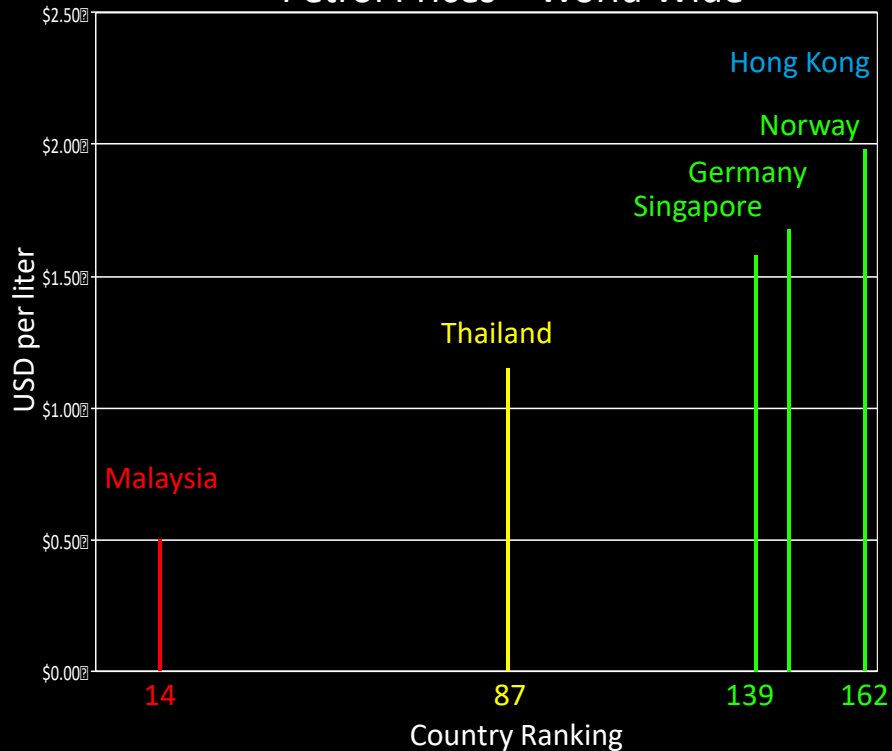


GHG Intensity
CO₂/GDP

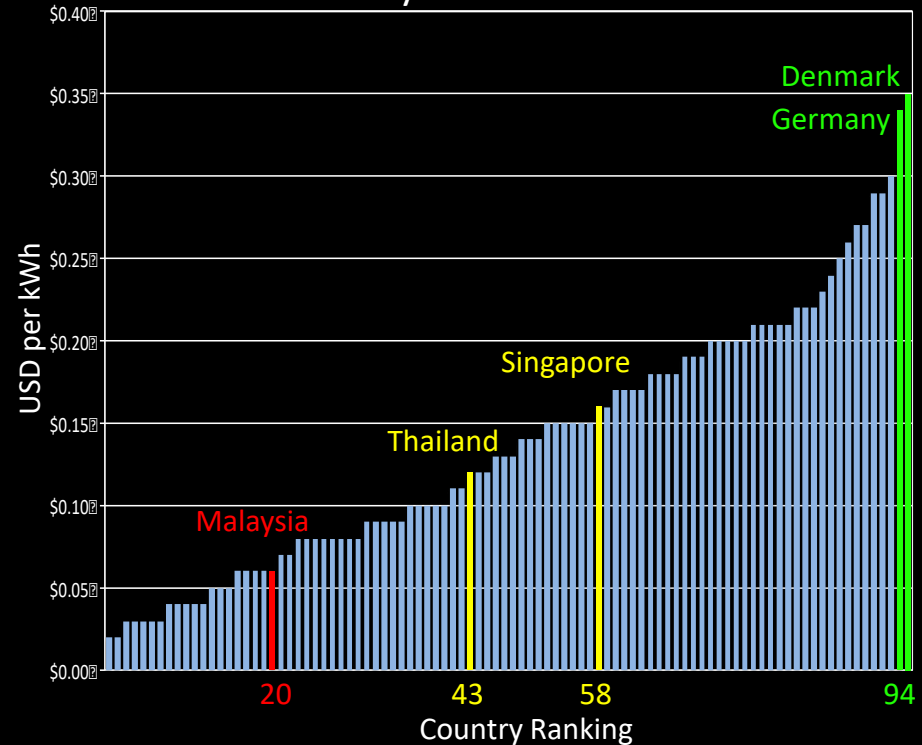


Low Energy Prices in Malaysia

Petrol Prices – World Wide



Electricity Prices – World Wide



Low Energy Prices Effect on the Green Transition



Renewable Energy

- ❖ Need higher subsidies to compete with conventional energy technologies
E.g. Payback time for individual roof top PV system
2-3 times longer than in e.g. Thailand and Singapore due to low tariffs



Energy Efficiency

- ❖ Higher consumption
- ❖ Longer payback time for EE technologies
- ❖ Less technologies available in the market
- ❖ Less optimisation of production in industries



Transport

- ❖ High vehicle ownership and usage
- ❖ Longer payback time for energy efficient vehicles
- ❖ Less incentive to use public transport

Environmental Tax on Energy

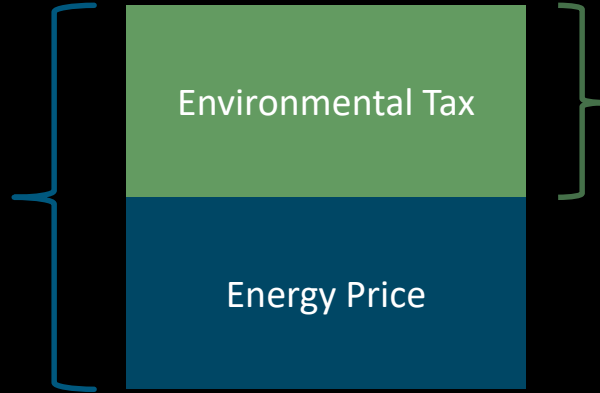
Reduce payback time
for green technologies



Encourage savings and
optimisation



Attract investors and
Finance for green
projects



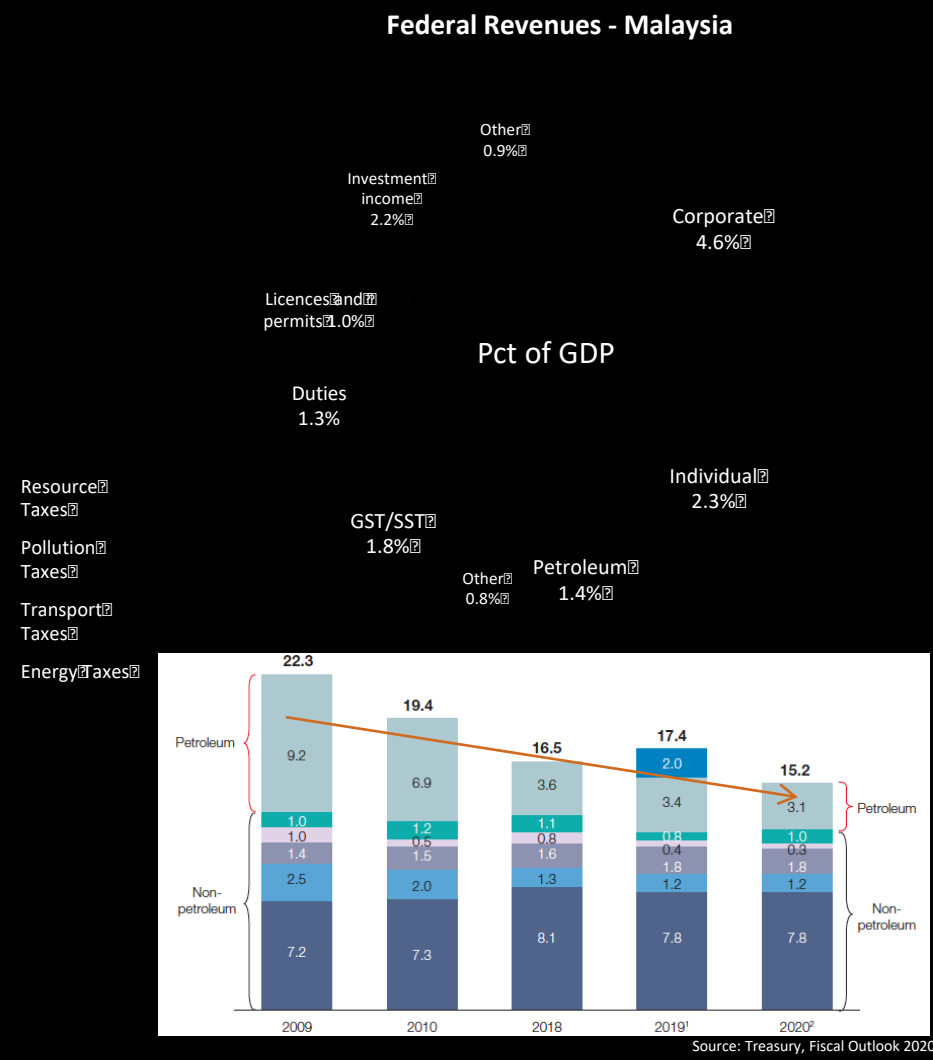
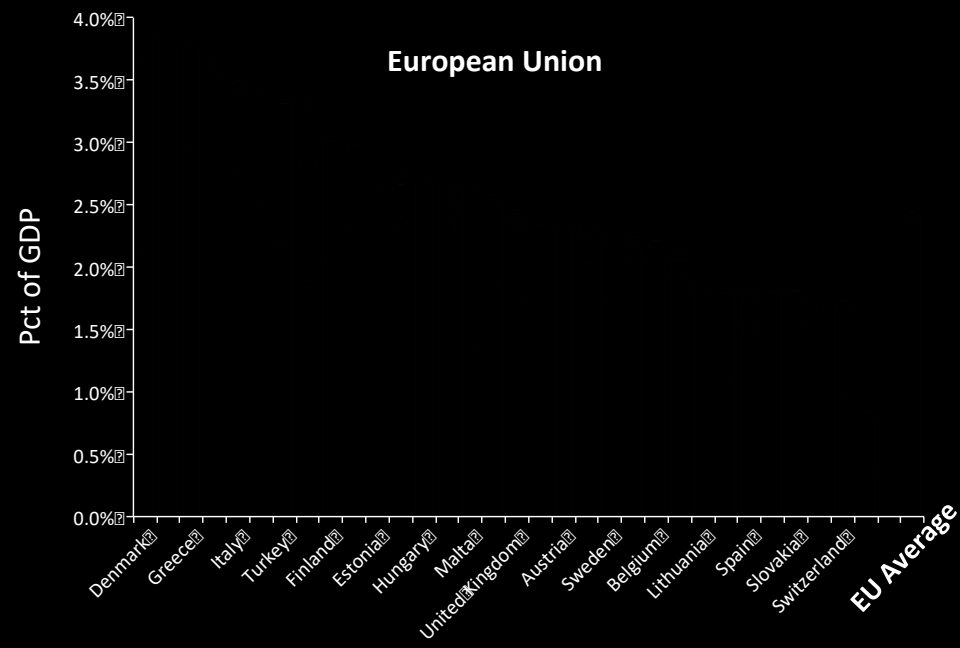
● Increase Gov't revenue base

● Provide funds for the green
transition and incentives

● Reduce the stress on
increasing taxes on individuals
and corporations

● Provide funds for supporting
most vulnerable groups in society

Environmental Taxes





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THANK YOU

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