

MANAGEMENT OF THE GREEN ECONOMY

- A WIN-WIN APPROACH TO SUSTAINABLE DEVELOPMENT

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Greta Thunberg - School Strike for Climate





MEA 12MP Kick-Off Conference



I want to hear about how we are going to stop the increase in emissions by 2020, and dramatically reduce emissions to reach net-zero emissions by mid-century

UN Secretary-General António Guterres

UN Secretary-General António Guterres is calling on all leaders to come to New York 21-23
September 2019 with concrete, realistic plans to enhance their nationally determined contributions by 2020, in line with reducing greenhouse gas emissions by 45% over the next decade, and to net zero emissions by 2050

Green Economy

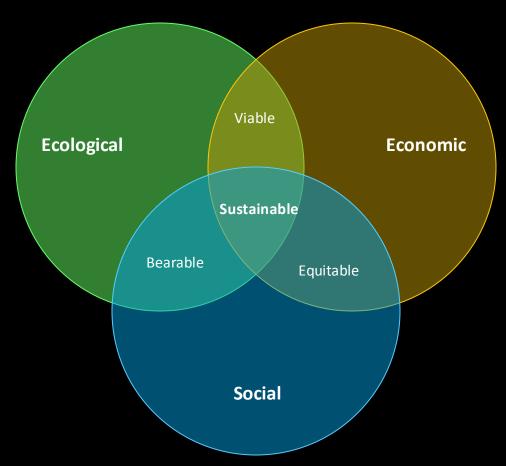
one that results
in improved human well-being
and social equity,
while significantly reducing
environmental risks and
ecological scarcities

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

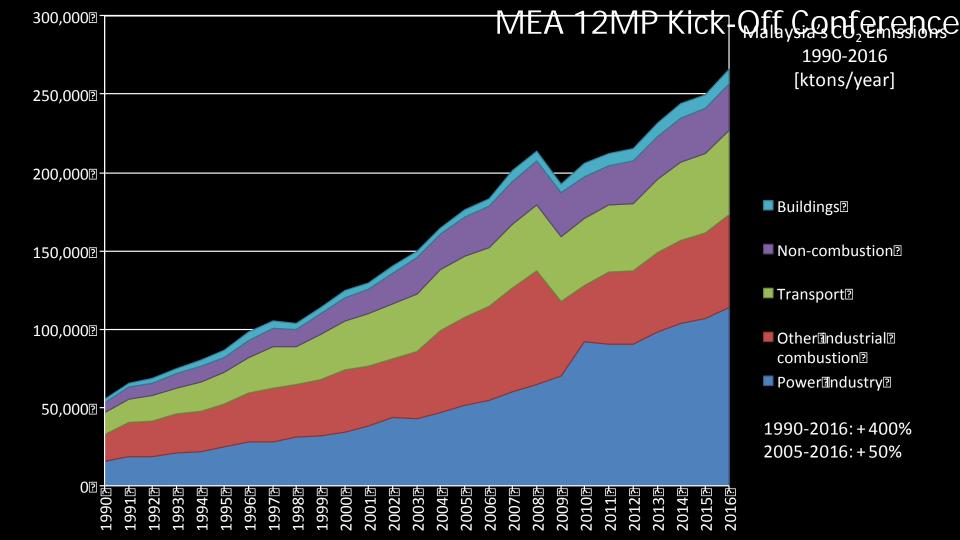
UNEP Green Economy Definition

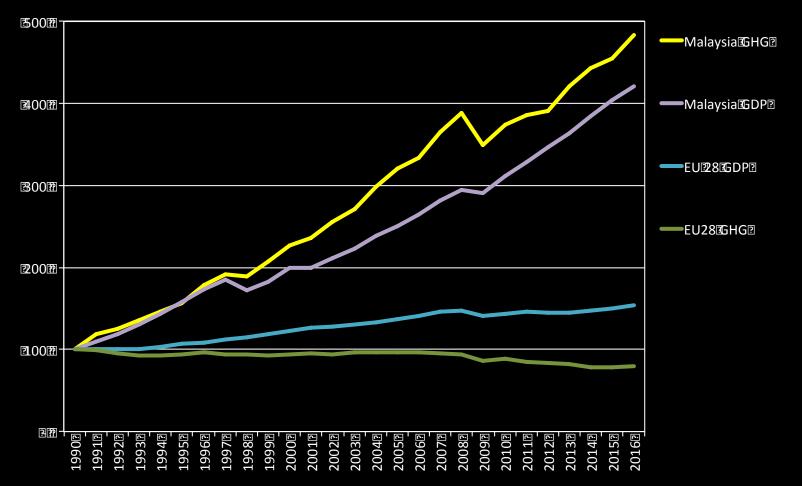


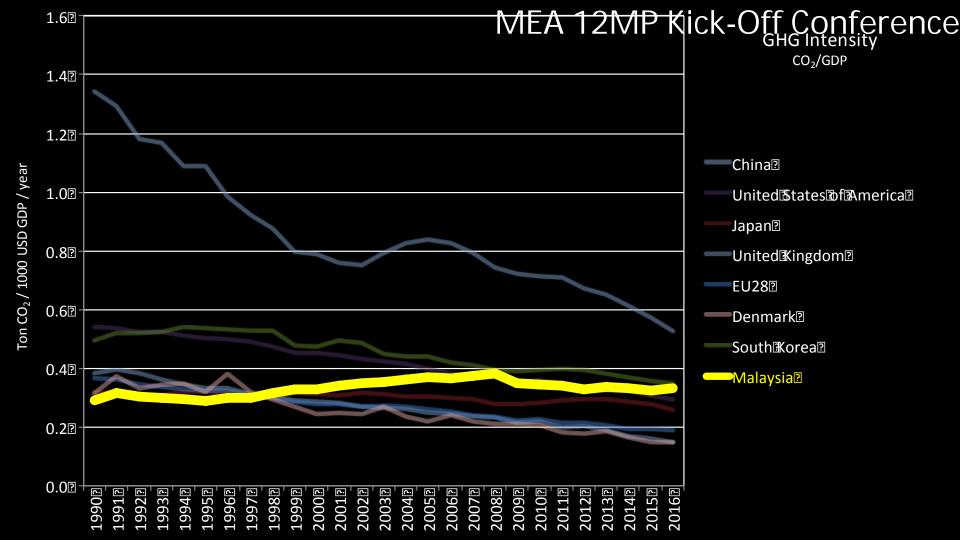
Policy Measures & Opportunities MEA 12MP Kick-Off Conference

- Encourage green technology investments and innovation
- Eliminate fossil fuel subsidies
- Get market prices right
- Regulation
- Corrective taxation
- Education and training
- High quality jobs

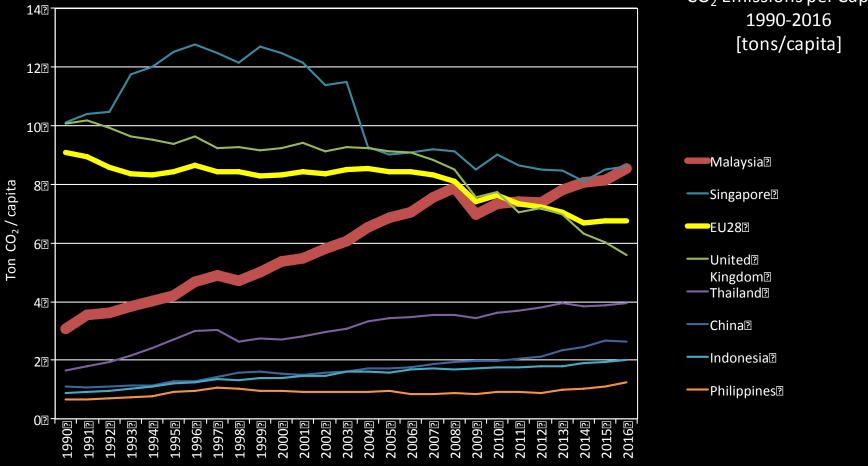






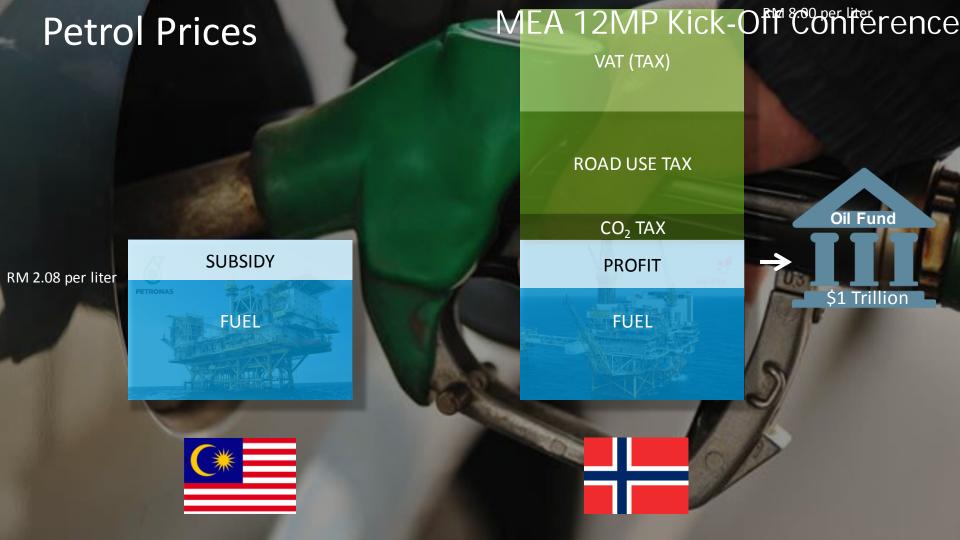


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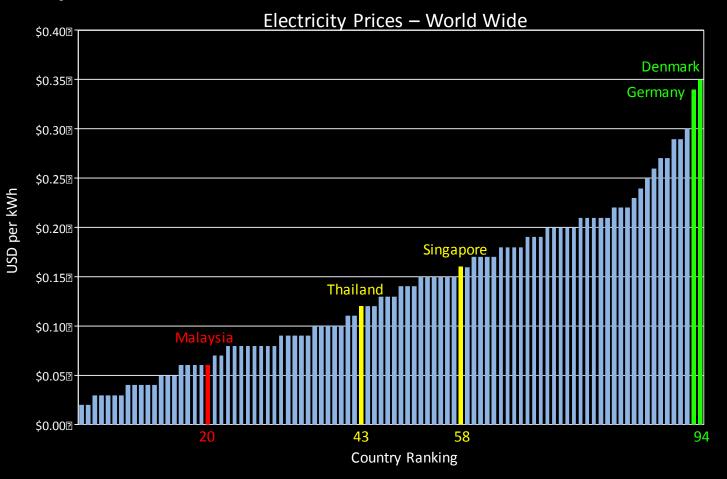


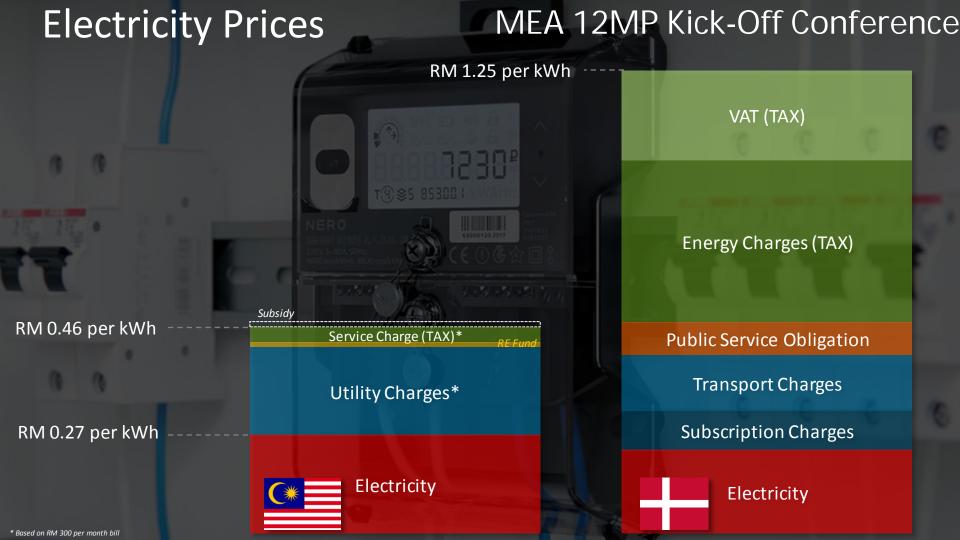
Petrol Prices



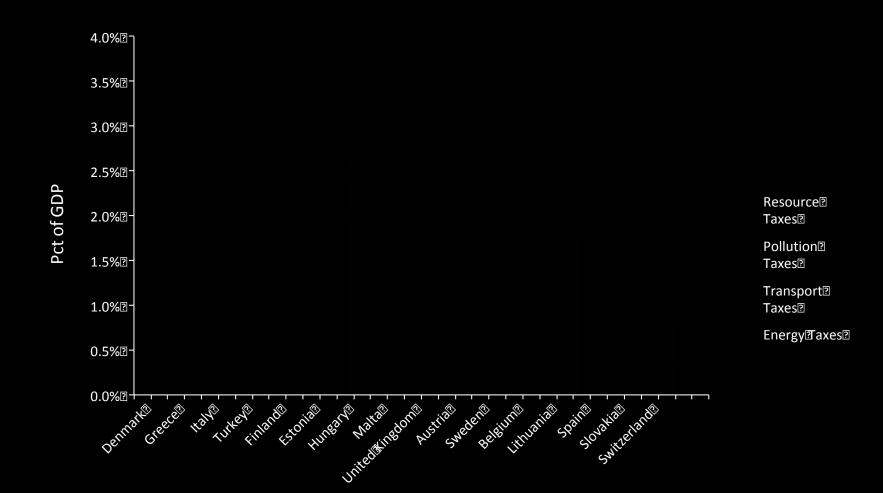


Electricity Prices





Environmental Taxes



Low Energy Prices Effect of En



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 Thailand and Singapore due to low tariff



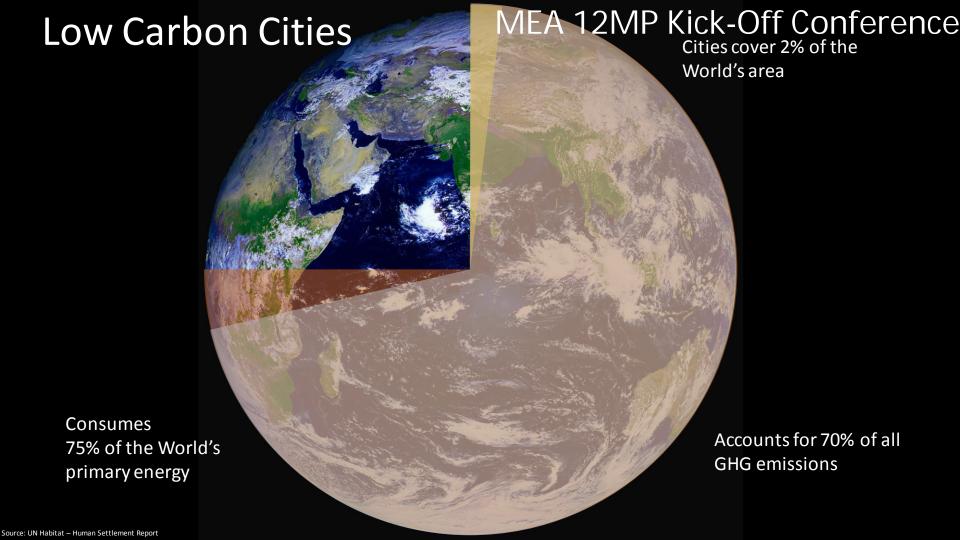
Energy Efficiency

- Higher consumption
- Longer payback time for EE technologies
- Less technologies available in the market



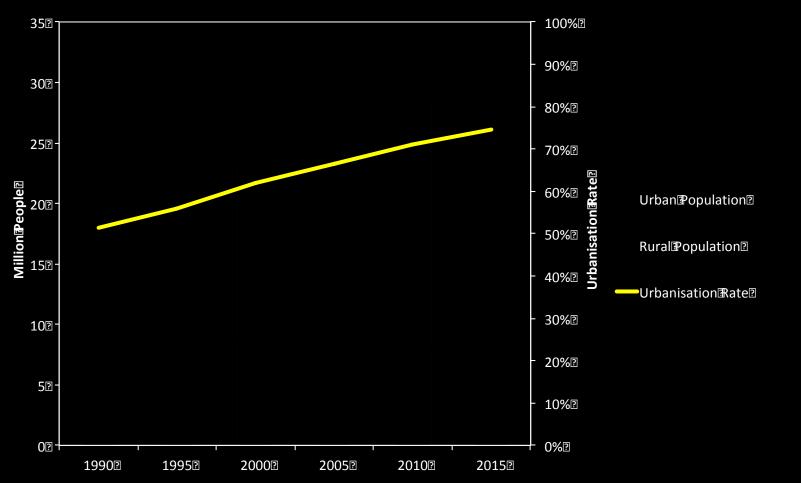
Transport

- Higher consumption
- Longer payback time for energy efficient vehicles (EEV)
- Difference between fuel and electricity price is small, making electric vehicles (EV) less attractive
- Less incentive to use public transport



Urbanisation in Malaysia

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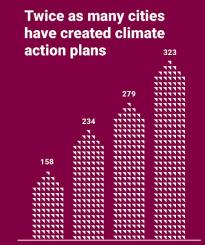


Source: Department of Statistics Malaysia

Since the signing of the Paris Agreement in 2015...

Twice as many cities report to CDP





90% more cities have set emissions reduction targets



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Copenhagen - Stockholm — Helsinki — Berlin Washington D.C. — San Francisco — Seattle - New York Sydney — Adelaide — Melbourne- San Francisco among others...

27 Cities with 100% GHG reduction targets





Energy Focus Areas Transport

Waste



Better buildings and housing Less pollution Less traffic congestion

Efficient public transport Clean waste management Etc.



- Attract residents
- Attract businesses
- Attract tourists
- Etc.

















Summary

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Global transition to Green Economy

- countries
- cities
- companies

Fossil Fuel Subsidies hampers the transition

- more subsidies needed for green technologies
- Less focus on efficiency and conservation

Cities can play an active role

- uptake of national initiative and measures
- localized solutions

Carbon neutrality by mid-century

- required to meet Paris goal of max. 1.5°C temperature rise
- GHG peak should be reached soon, so net emissions starts to reduce



THANK YOU

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