

MALAYSIA COUNTRY REPORT

42nd APEC Expert Group on Energy Efficiency Conservation (EGEE&C)

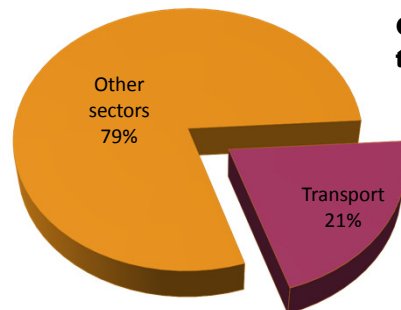
MINISTRY OF TRANSPORT MALAYSIA
11 November 2013

MALAYSIA: KEY INDICATORS

| Economic Indicators (2012) | |
|-----------------------------------|-------------------|
| Population | 28.6 million |
| Area | 329,847 sq km |
| GDP | USD269.34 billion |
| GDP Growth | 5.6% |
| Per capita income | USD9,991 |
| Energy Resources (2011) | |
| Oil | 5.52 bbl |
| Gas | 87.98 Tscf |
| Coal | 1.94 bil ton |
| Hydro Potential | 20 GW |

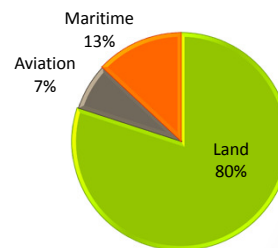
Source : 1. National Energy Balance 2010
2. Department of Statistics Malaysia

OVERVIEW



CO₂ emission in the transport sector

⇒ 45.83 Mt CO₂ eq.
(2007)



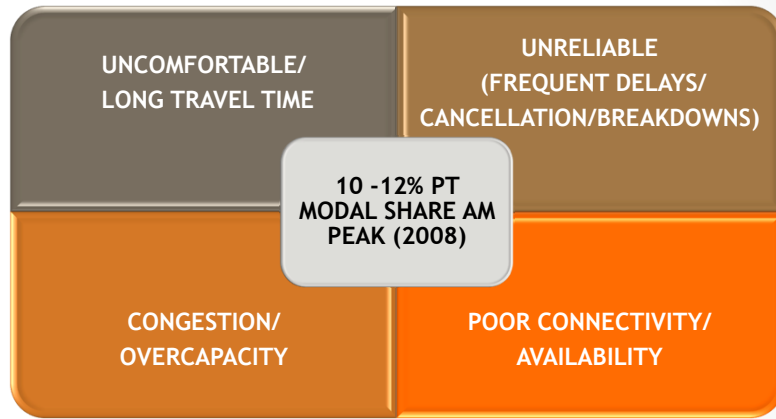
National Green
Technology and Climate
Change Council –
Transport
Working
Committee



KEY ISSUES

- Low share of public transport
- Increasing demand for personalised vehicles
- Heavy dependence on petroleum products

State of Public Transportation System



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REPORT ON THE ENVIRONMENT IMPROVEMENT MEASURES

Modal shift – Urban Public Transport

- Rail capacity expansion
 - Procurement of new train sets
 - LRT KJ Line (35 sets 4 car train)
 - KTM Komuter (38 sets 6 car train)
 - Monorail (12 sets 2 car train)
 - Rail expansion
 - Electrified double track (Ipoh-Padang Besar & Seremban-Gemas)
 - MRT Sungai Buloh – Kajang (51km (9.5km u/ground) & 31 stations)
 - LRT KJ Line (Putra Height) (37.4km & 22 stations)



750,000 PT riders/ 25% modal share (daily am peak 7am–9am) of public transport in Klang Valley by end 2015

- Improvement in Bus Services
 - 9 Bus Expressway Transits (BETs)
 - Addition of 470 RapidKL buses: increase of 4.04 million passengers in 2011
 - Refurbishment of 468 bus stops
 - Transformation of Pudu Sentral Terminal
- Integrated Transport Terminal
 - Pudu Sentral & Terminal Bandar Tasik Selatan (TBS)
- Park and Ride facilities
 - 8,000 additional parking bays by 2015 across 14 rail stations

Energy efficient transport

- Incentives for hybrid vehicle: free import and excise duty and discount on road tax
- Fleet test for electric vehicle
- Introduction of Bio-diesel with 5% mixture of palm oil and 95% diesel in Klang Valley



Other initiatives

- Green Airport
- Green Port (Westport and Northport)
- Green neighborhood
- Low Carbon Cities Framework



WAY FORWARD

- Land Public Transport Master Plan
- Greater Kuala Lumpur / Klang Valley Master Plan
- A Roadmap on Carbon Intensity Reduction in Malaysia
- Energy Balance Model: The Study to formulate an Energy Policy For Malaysia (2013-2050)



THANK YOU



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www.mot.gov.my