

MALAYSIA

COUNTRY EST REPORT



STRATEGY

SOME (DESIGN-PILOTING)

LARGELY IN PLACE

AVOID

- Land-use and transport planning
- Mixed-use development
- Enabling ICT

SHIFT

- Non-Motorized Transport
- Improve public transport services
- Transportation Demand Management
- Inter-city passenger and goods transport

IMPROVE

- Diversify towards more sustainable transport fuels and technologies
- Standards for fuel quality/ efficiency, and emissions
- Intelligent Transportation Systems (ITS)
- Establish effective vehicle testing and appropriate periodic vehicle inspection and maintenance
- Improved freight transport efficiency

CROSS-CUTTING

- Air quality and noise standards
- Monitoring health impacts (emissions/ noise)
- Sustainable low-carbon transport initiatives
- Zero-fatality policy
- Social equity
- Financing for sustainable transport
- Information and awareness

AVOID STRATEGY

GOALS	INITIATIVES	CHALLENGES	ACTIONS (2015 – 2020)
1 INTEGRATED LAND-USE AND TRANSPORT PLANNING	<ul style="list-style-type: none"> Final Transit Oriented Development (TOD) Policy Guidelines 	(no crucial challenges)	<ul style="list-style-type: none"> Future Cities Initiative: focus on encouraging people to use public transport for commuting
2 MIXED-USE DEVELOPMENT	<ul style="list-style-type: none"> Development of KL Central & Tasek Selatan Integrated Transportation Centre High-density mixed development trend Park N Ride Pedestrian Linkages (Skywalk) 	<ul style="list-style-type: none"> Zoning issue for Park & Ride Facilities from public transportation zone to commercial land. Objection by nearby residents. 	<ul style="list-style-type: none"> Implementation of Compact City Guideline and Initiative
3 ENABLING ICT	<ul style="list-style-type: none"> Centralised Taxi Service System Journey Planner Integrated ticketing system between different rail operators Intelligent Transport System – GPS, VMS, Automatic Number Plate Recognition Online ticketing and application 	<ul style="list-style-type: none"> Centralised Taxi Service System <ul style="list-style-type: none"> - objection by the taxi drivers - insufficient training Journey Planner <ul style="list-style-type: none"> -to obtain real time 	<ul style="list-style-type: none"> Online ticketing Performance Monitoring Hub Journey Planner Centralised Taxi Service System (CTSS)

SHIFT STRATEGY

GOALS	INITIATIVES	CHALLENGES	ACTIONS (2015-2020)
4 NON-MOTORIZED TRANSPORT	<ul style="list-style-type: none"> Putrajaya Structure Plan : Sustainable Putrajaya 2025 Putrajaya Green City 2025 	<ul style="list-style-type: none"> Cost of investment is high Requires change of lifestyle 	<ul style="list-style-type: none"> Improvement of existing cycling path in Putrajaya involving 22.8km
5 IMPROVE PUBLIC TRANSPORT SERVICE	<ul style="list-style-type: none"> National Key Result Area Bus Rapid Transit Urban Rail Development Plan Bus Stop Programme Integrated Ticketing & Automated Fare Collection 	<ul style="list-style-type: none"> Affordability of having car 	<ul style="list-style-type: none"> Implementation of BRT Kuala Lumpur – Klang corridor Bus Expressway Transit
6 TRANSPORTATION DEMAND MANAGEMENT	<ul style="list-style-type: none"> Greater KL/Klang Valley Land Public Transport Masterplan 	<ul style="list-style-type: none"> Changing current travel pattern and preferences 	
7 INTER-CITY PASSENGERS AND GOODS TRANSPORT	<ul style="list-style-type: none"> ETS – Gemas to Padang Besar MRT Sungai Buloh – Kajang Line 	<ul style="list-style-type: none"> Integrating current facilities to improve efficiency in movement and to reduce or maintain cost 	<ul style="list-style-type: none"> High Speed Rail – KL - Singapore Double Track ETS – 2 new projects

IMPROVE STRATEGY

GOAL	INITIATIVES	CHALLENGES	ACTIONS (2015-2020)
8 SUSTAINABLE TRANSPORT FUELS AND TECHNOLOGIES	<ul style="list-style-type: none"> • Electric Vehicle Infrastructure Roadmap. • Allow electric vehicle registration and licensing. • Implementation of B5, B7 and B10 palm-based biodiesel. 	<ul style="list-style-type: none"> • High price of crude palm oil. • Continuous subsidy needed (5-7 cent per litre). • Construction of blending facilities. 	<ul style="list-style-type: none"> • Deployment of 2,000 electric busses by 2020. • Establishment of Biodiesel Malaysia Sdn Bhd (BMSB) RON95 by 2018. • Tailpipe emission- Euro4 emission standard by 2018 • EURO5 by 2020 for diesel, and by 2025 for petrol.
10 EFFECTIVE VEHICLE INSPECTION AND MAINTENANCE	<ul style="list-style-type: none"> • Establish Key Performance Indicators for Malaysian Periodic Technical Inspection Service Provider, PUSPAKOM. • Mandatory inspection for commercial vehicle and used car. 	<ul style="list-style-type: none"> • Commercial vehicle doesn't comply the standards. • Lack of awareness from those profit-oriented operators. 	<ul style="list-style-type: none"> • Establish monitoring system for PUSPAKOM's technical and service performance. • Upgrade Vehicle Registration System through Revamp Project. • On-going public and operators engagement.
12 IMPROVED FREIGHT TRANSPORT EFFICIENCY	<ul style="list-style-type: none"> • Electrified Double Tracking Project • Seminars on Eco Logistic to the freight operators. 	<ul style="list-style-type: none"> • Procurement of new locomotives 	<ul style="list-style-type: none"> • Set up of Malaysia Logistics and Supply Chain Council

CROSS-CUTTING STRATEGY

GOALS	INITIATIVES	CHALLENGES	ACTIONS (2015-2020)
11 ZERO FATAL POLICY	<ul style="list-style-type: none"> Road Safety Plan of Malaysia Establishment of Road Safety Department Automatic Enforcement System 	<ul style="list-style-type: none"> Post crash management Low usage of public transport 	<ul style="list-style-type: none"> The mandatory regulations of seat belt wearing. Child car seat regulations by 2017.
15 AIR QUALITY AND NOISE STANDARDS	<ul style="list-style-type: none"> Ambient air monitoring (52 station) Ambient noise monitoring (industrial and traffic). Regulations for Vehicle Type Approval. 	<ul style="list-style-type: none"> Data collection Increase of motor vehicle volume (6% per year) Compliance to international standards 	<ul style="list-style-type: none"> Extension of ambient noise monitoring programme to larger areas.
17 SOCIAL EQUITY	<ul style="list-style-type: none"> Universal Access Buses New terminal, busses and rail equipped with Universal Access features: PWD, Elderly, Pregnant Ladies, Woman Coaches Audit Access session 	<ul style="list-style-type: none"> Cost to build the facilities Lack of standard design Focus only in urban area 	<ul style="list-style-type: none"> Awareness Program to the Local Council/Authority and Transport Operators in the major cities.

CROSS-CUTTING STRATEGY

GOAL	INITIATIVES	CHALLENGES	ACTIONS (2015-2020)
18 INNOVATIVE FINANCING	<ul style="list-style-type: none"> Green Technology Financing Scheme Establishment of Sustainable Mobility Fund for Public Transport infrastructure development 	<ul style="list-style-type: none"> Not many bank/financing institute willing to give loan for green technology project. 	<ul style="list-style-type: none"> Increment of GTFS fund by 2bil Conducting studies
19 INFORMATION AND AWARENESS	<ul style="list-style-type: none"> Electric Vehicle Roundtable 	<ul style="list-style-type: none"> Introduction of green lifestyle. 	<ul style="list-style-type: none"> Establishment of Promotion and Public Awareness Working Committee