

Malaysia

Transport Climate Profile

Population (2024)
34.7 million

Urban population
79%

Below 18 y.o.
28%

Population density
104 persons per sqkm

Rural population
21%

Above 60 y.o.
12%

(1) Subregion
South East Asia

(1) Gross domestic product
(GDP PPP, 2022)
1.14 trillion USD

(1) Domestic consumption per capita, tonnes (2024)
21.3 tonnes

(1,2) *Domestic consumption is the total amount of materials directly used in the economy (used domestic extraction plus imports), minus the materials that are exported.*

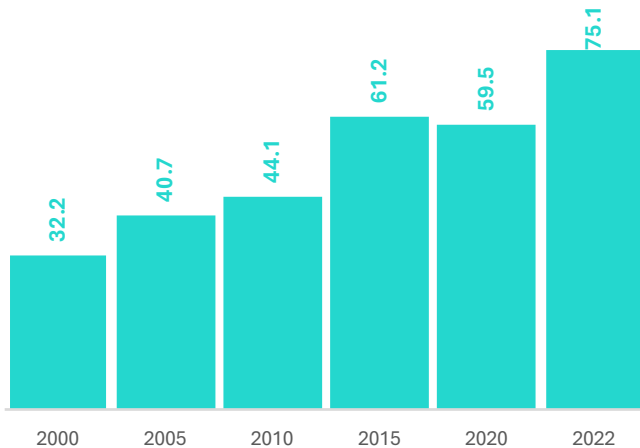
Income class
Upper middle income

GDP per capita (PPP, 2022)
33,525 USD (1,2)
(2)

(3)

Transport and Climate Change

Transport fossil CO2 emissions, million tonnes



(4)

In 2010, transport contributed 20.9% of total fossil CO2 emissions. By 2022, transport contributed 27.1%.

Share of transport CO2 emissions by mode (2022)

| Road **99.1%** (4)
| Rail **0.0%**

| Navigation **0.0%** (4)
| Aviation **0.9%**

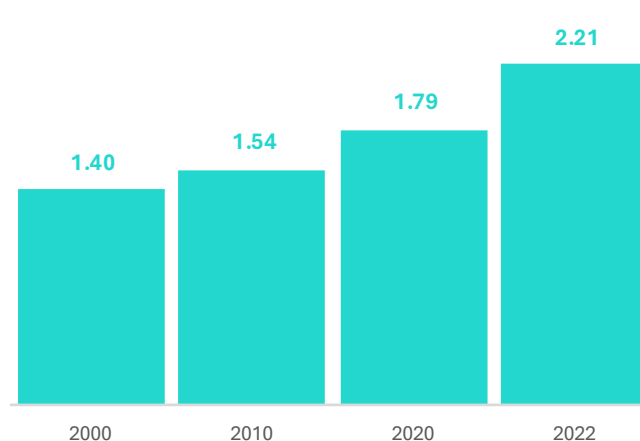
Navigation and aviation only includes domestic transportation

Between 2000-2015, road transport contributed 96.9% in transport fossil CO2 emissions. Between 2016-2022, road transport contributed 97.9%.

Transport CO2 emissions intensity with GDP, 2022
66 gCO2 per USD

Asia-Pacific average is 33.2 gCO2 per USD

Transport fossil CO2 emissions per capita, tonnes

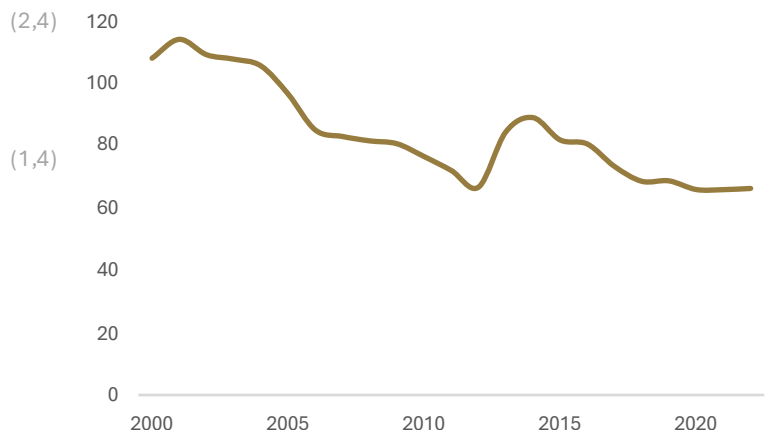


(2,4)

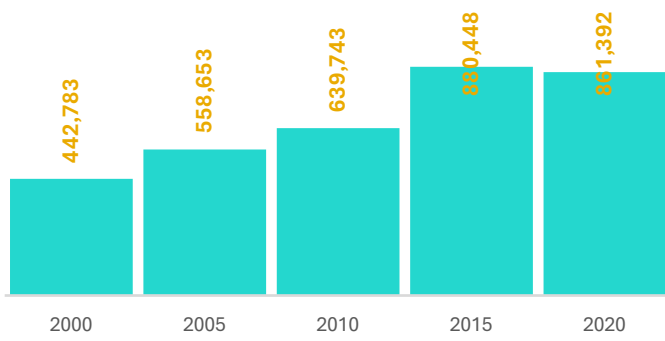
(1,4)

Transport CO2 emissions intensity with GDP trend, gCO2 per USD

(2,4)



Transport energy consumption, terajoules

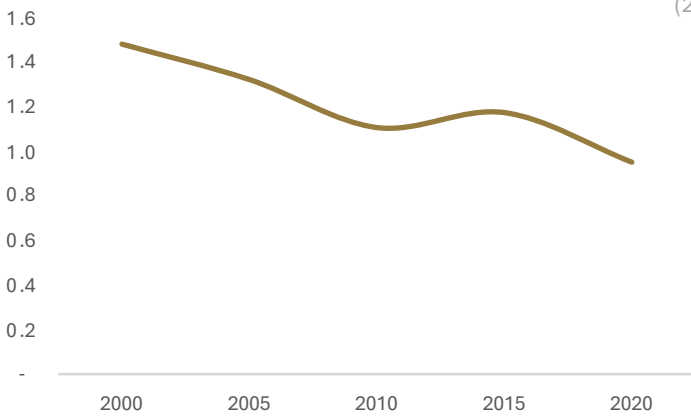


Transport energy intensity with GDP, 2020

1 MJ per USD

Asia-Pacific average is 0.5 MJ per USD

Transport energy intensity with GDP trend, MJ per USD

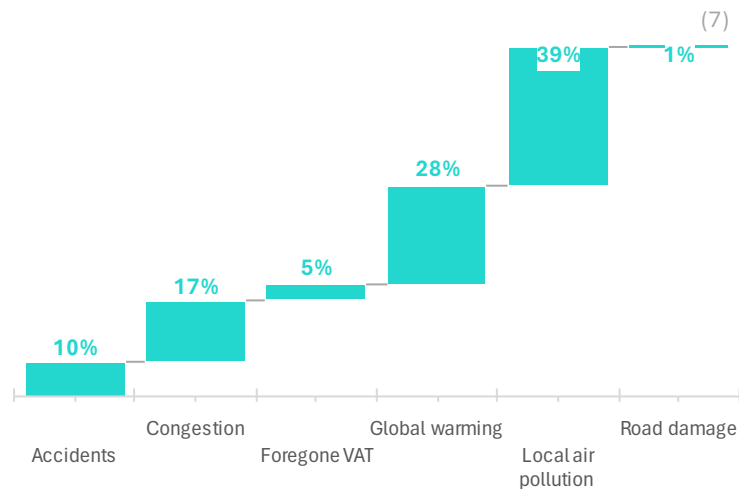


Transport fossil fuel subsidies, cumulative from 2010 to 2022

34.59 billion USD

5.6% of Asia-Pacific total

Implicit fossil fuel subsidies due to externalities

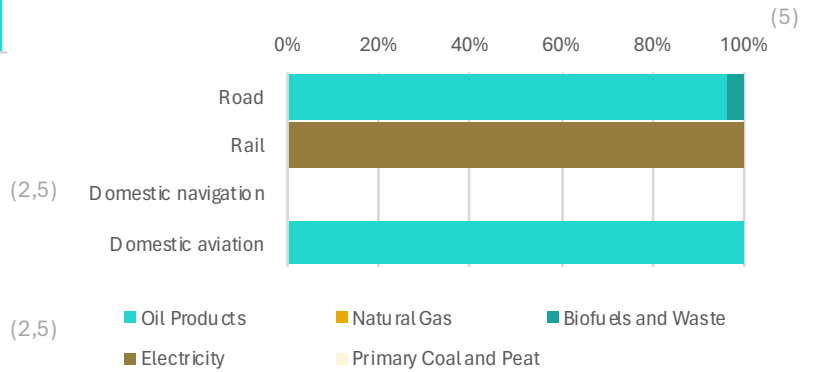


Share of transport energy consumption by mode (2020)



Navigation and aviation only includes domestic transportation

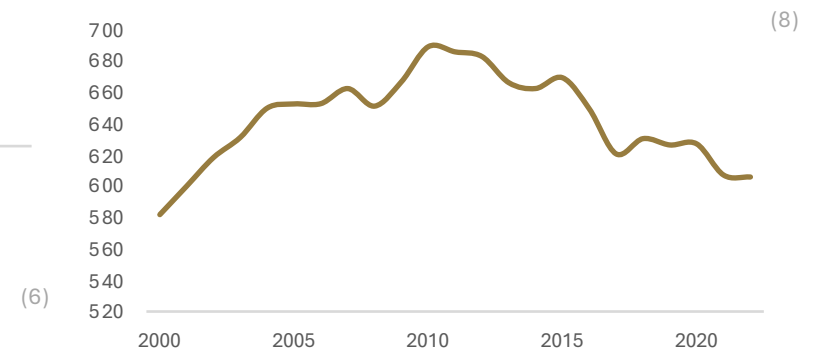
Share of transport energy consumption by source (2020)



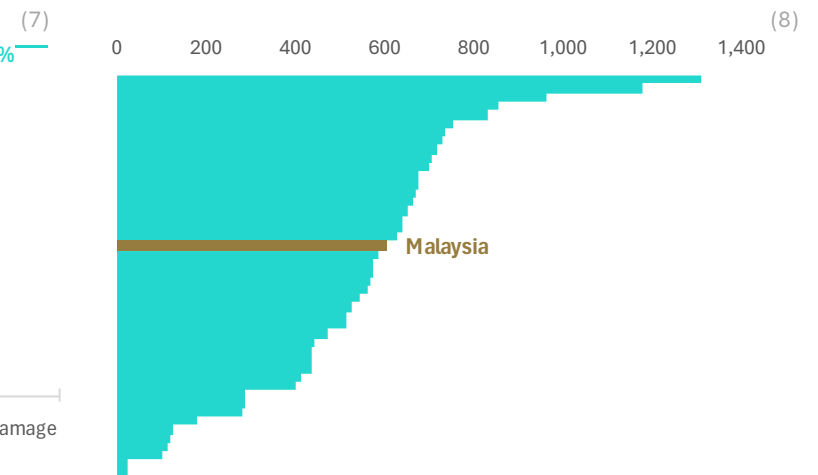
Grid emission factor (2022)

605.8 gCO₂ per kWh

Grid emission factor trend, gCO₂ per kWh



Grid emission factors in Asia-Pacific, gCO₂ per kWh



Vehicle Fleet

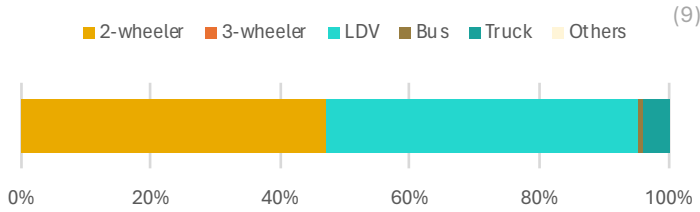
Road vehicles (2022)
34.65 million vehicles

Road vehicle motorization rate (2022)
1,021 vehicles per thousand population

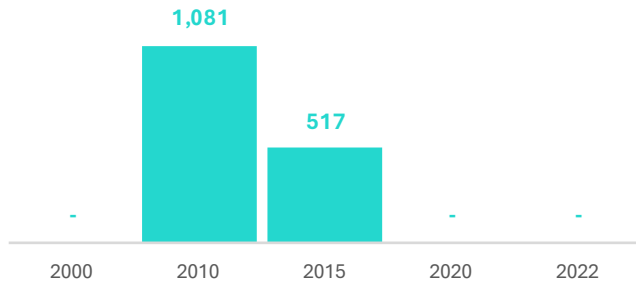
Road vehicles include 2- and 3-wheelers, LDVs, buses and other informal public transport, trucks, and other unclassified types

In 2000, Malaysia had 463 vehicles per thousand population. By 2022, this has increased to 1021 compared with Asia-Pacific average of 577 in 2022.

Share of vehicles by type



Bus vehicle production, units

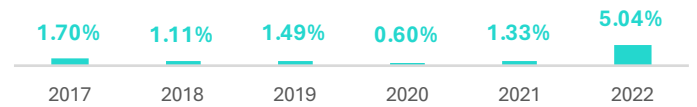


Electric road vehicle import value (2017-2022)

(9) | Total **742.2 million USD** | Hybrid-electric **481.9 million USD** (11)

(1,9) Electric road vehicle share in total road vehicle import value trend

(11)

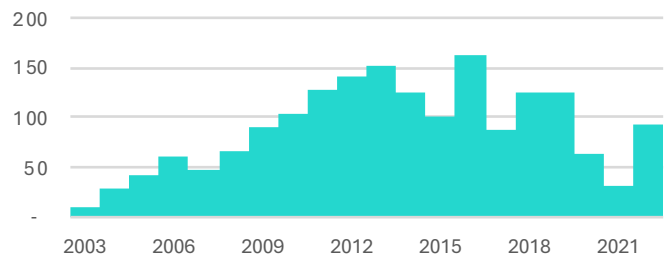


Bus import value (2017-2022)

477.5 million USD (11)

(10) Bus import value trend, assuming 2015=100

(11)



Adaptation

Average annual losses to transport infrastructure due to hazards (2023)

151.59 million USD

Share of average annual losses due to hazards, by mode (2022)

Road	Rail
58%	40%
Ports	Airports
1%	0%

National road vulnerability index ranking (2023)

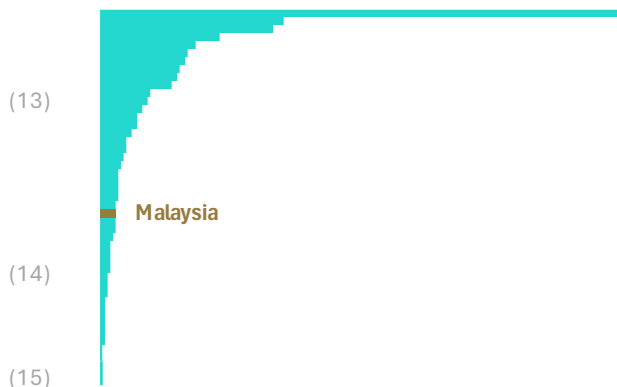
51st out of 208 countries

Share of population in low elevated coastal zones (2018)

5%

Average annual losses to transport infrastructure due to hazards, as a share of GDP, in Asia-Pacific (2023)

(12) 0.00% 0.10% 0.20% 0.30% 0.40% 0.50% (12)



Urban Transport

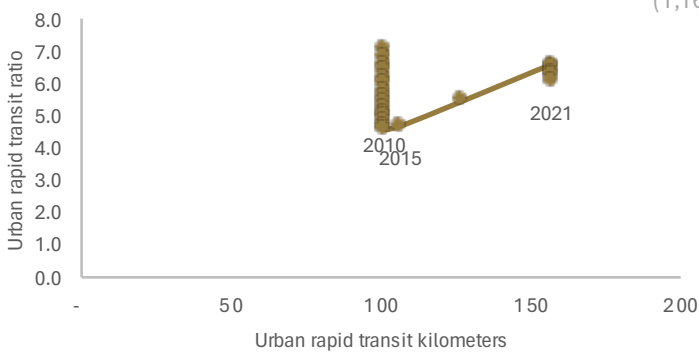
Urban rapid transit length (2021)

| BRT **5 kilometers** | LRT **None**
 | Metro **152 kilometers**

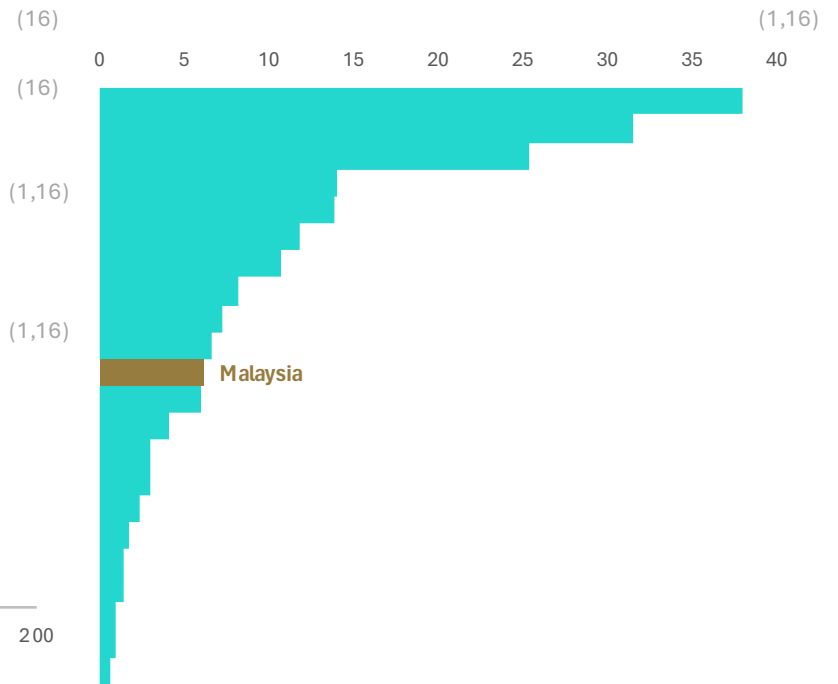
Urban rapid transit ratio (2021)

6.09 kilometers per million urban population

Urban rapid transit ratio, kilometers per million urban population (2000-2021)



Urban rapid transit ratio in Asia-Pacific, kilometers per million urban population (2021)

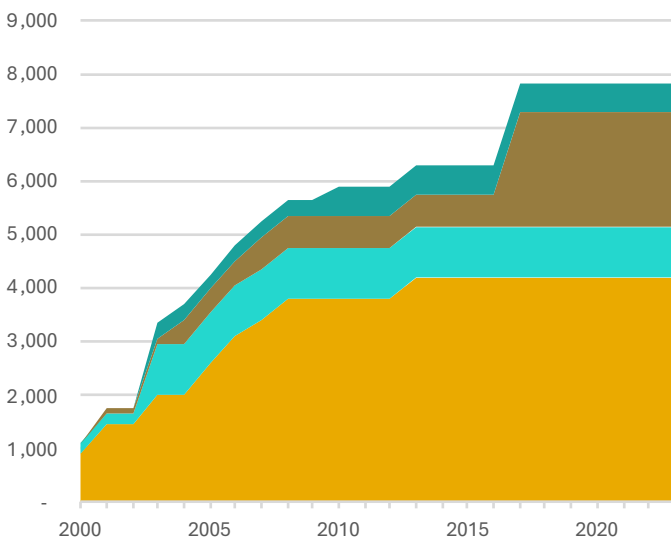


Based on 2015 estimates, only 71% of the population could reach the nearest city in 30 minutes, another 10% could reach in 1 hour, and another 12% could reach only after 3 hours.

Transport Investment

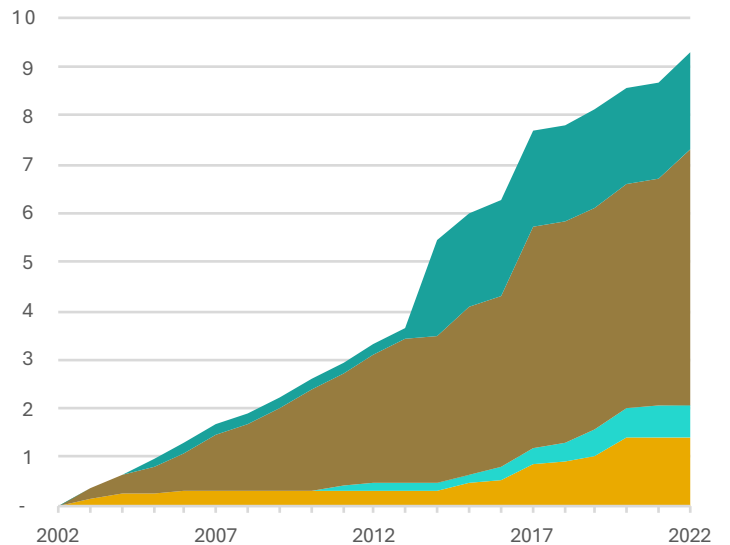
Public-private partnership investments in the transport sector, million USD

■ Road ■ Rail ■ Port ■ Airport



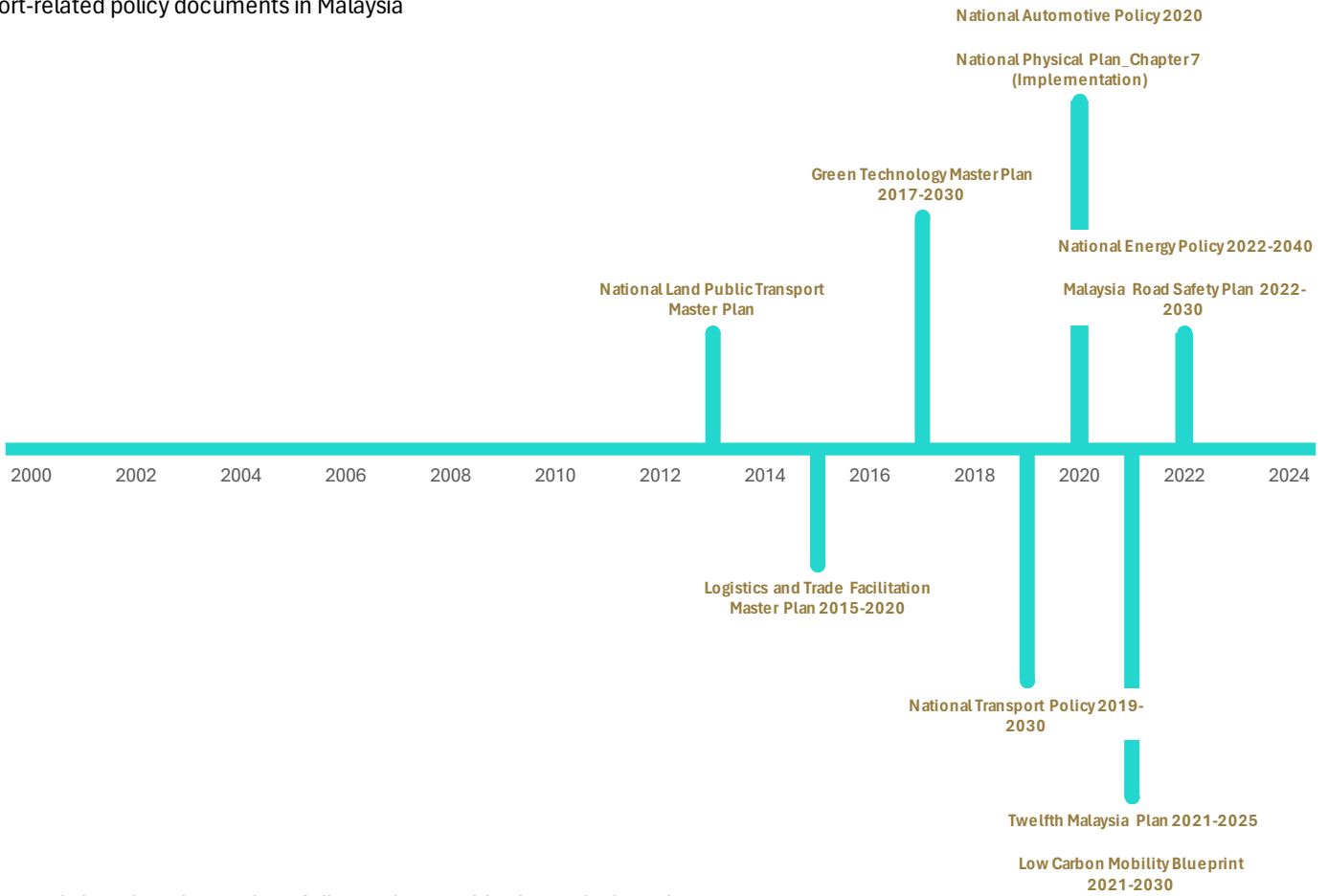
Official development assistance in the transport sector, million USD

(17) ■ Road transport ■ Rail transport ■ Waterborne transport ■ Air transport (18)



Transport Climate Policy Documents

Transport-related policy documents in Malaysia



Selection made based on the number of climate change mitigation and adaptation

Nationally Determined Contributions

	Road transport	Rail transport	Domestic navigation	Domestic aviation	Urban transport
Updated Nationally Determined Contribution - MYS (adopted in 2021)					
Mitigation measures					
Mitigation targets					
Adaptation measures					Yes
Adaptation targets					

Long-term Strategies

	Road transport	Rail transport	Domestic navigation	Domestic aviation	Urban transport
None					
Mitigation measures					
Mitigation targets					
Adaptation measures					
Adaptation targets					

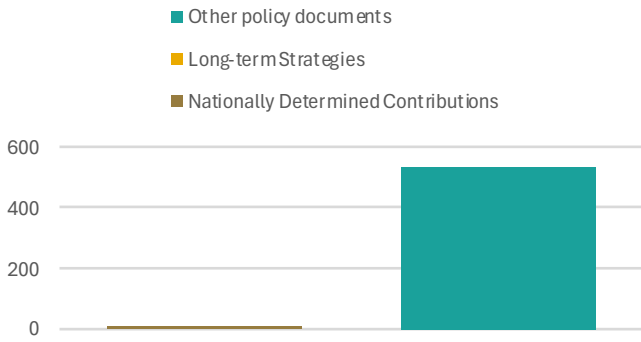


Developed with the support of:

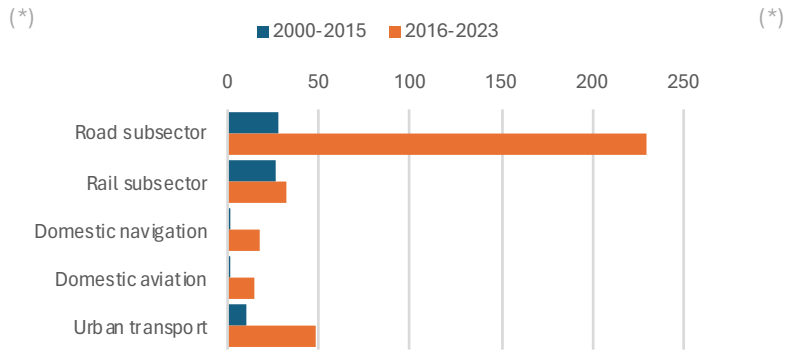


Transport Climate Policy Overview

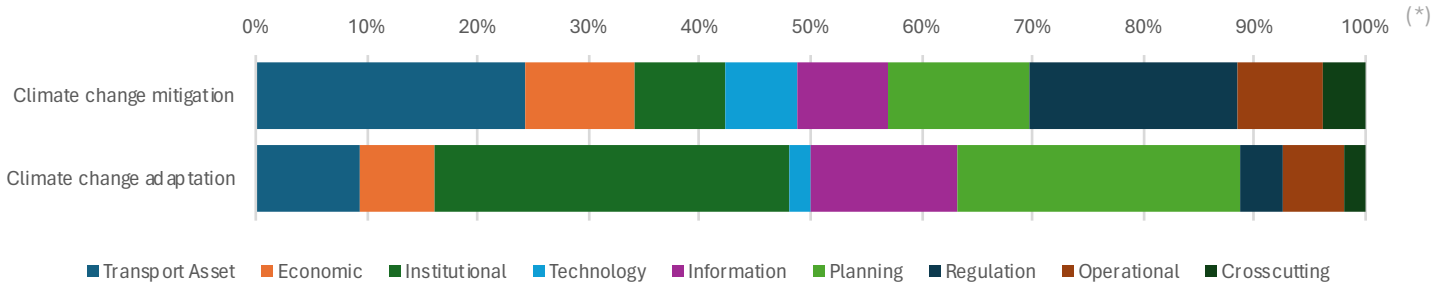
Number of measures by source



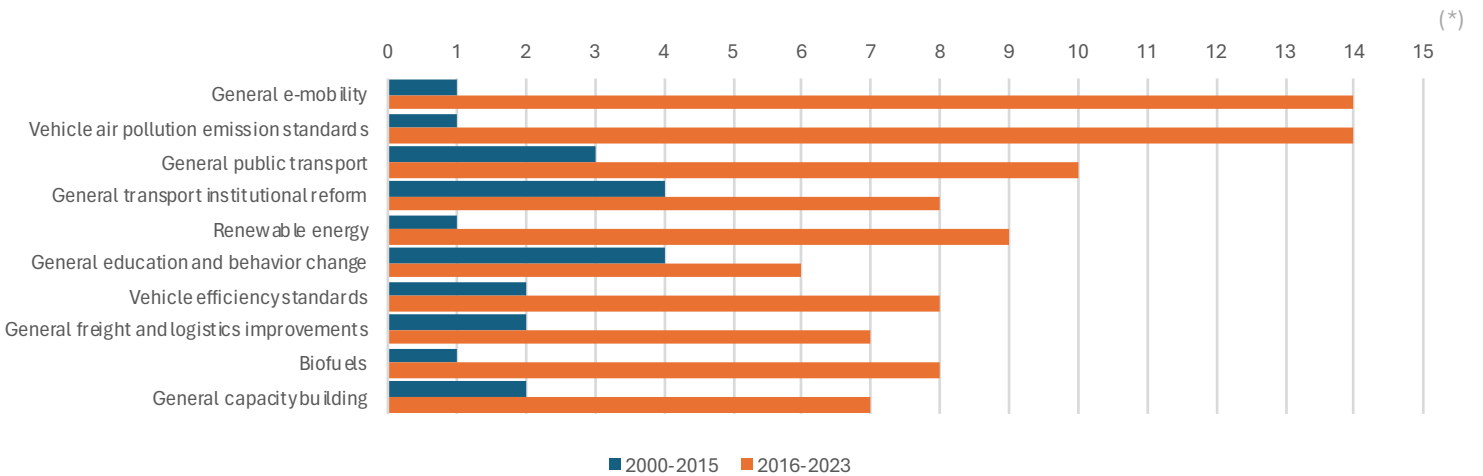
Number of climate change measures by subsectors



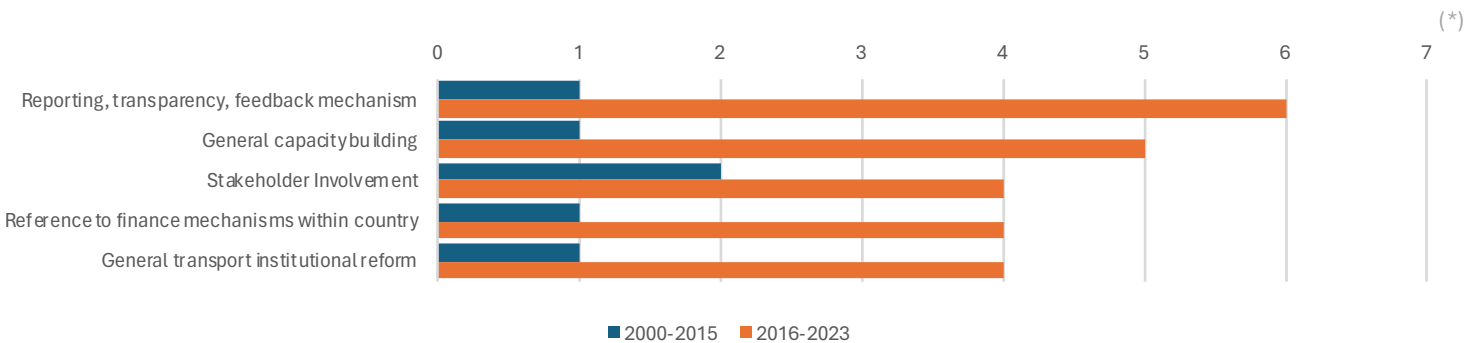
Transport-related climate change by framework



Climate change mitigation top 10 typology, number of measures



Climate change adaptation top 5 typology, number of measures



Climate Change Mitigation Policy Measures - Road Transport

Policy document	Year	Measures
National Land Public Transport Master Plan	2013	General active mobility, Freight consolidation, Development of public transport plan/ policy, Express lanes/ public transport priority, Public transit integration, General IPT/ paratransit measures, Access restriction by corridor/ road, Development of other transport-related plan/ policy
National Low Carbon Cities Masterplan	2021	Development of active transport plan/ policy, Road space repurpose to allow access for other modes, General active mobility, General e-mobility, General IPT/ paratransit measures, Access restriction by corridor/ road
Road Transport Act 1987	2013	Road-side vehicle technical checks, Vehicle inspection and maintenance, Accreditation of vehicle inspection centers, National speed law, Road-side checks on overloading
Green Technology Master Plan 2017-2030	2017	Active transport infrastructure expansion, General active mobility, EV charging infrastructure, Fiscal incentives for EVs and components, General e-mobility, Vehicle scrappage scheme, Vehicle labelling, Biofuels, LPG/ CNG/ LNG, BRT, Market entry regulations for app-based mobility, Target - Modal shift, Vehicle taxes, General transport institutional reform, General education and behavior change, Vehicle air pollution emission standards, Vehicle efficiency standards, General vehicle improvements, Vehicle manufacturing
Low Carbon Mobility Blueprint 2021-2030	2021	Development of active transport plan/ policy, Active transport infrastructure expansion, Bike sharing, Development of e-mobility transport plan/policy, Electric vehicle readiness requirements for new or refurbished buildings, EV charging infrastructure, EV manufacturing, Fiscal incentives for EVs and components, Smart charging, General e-mobility, General freight and logistics improvements, Intermodality measures, Vehicle inspection and maintenance, Vehicle scrappage scheme, Vehicle labelling, Biofuels, LPG/ CNG/ LNG, BRT, Parking pricing, Road charging and tolls, General parking measures, General capacity building, Ecodriving, General education and behavior change, Vehicle air pollution emission standards, Vehicle efficiency standards, General vehicle improvements
National Transport Policy 2019-2030	2019	Active transport infrastructure expansion, General active mobility, Development of e-mobility transport plan/policy, EV charging infrastructure, EV manufacturing, Fiscal incentives for EVs and components, General e-mobility, Intermodality measures, Prevention of construction of roads, General infrastructure improvements, Fuel quality, Vehicle scrappage scheme, Public transit integration, Performance-based transport maintenance contracts, Routine transport asset maintenance, General transport asset management, Vehicle efficiency standards, General vehicle improvements
Twelfth Malaysia Plan 2021-2025	2021	Active transport infrastructure expansion, EV manufacturing, Fiscal incentives for EVs and components, General e-mobility, Intermodality measures, Vehicle scrappage scheme, Vehicle labelling, Budget/ identification of public transport projects, Public transit integration, General micromobility, General shared mobility, Reference to finance mechanisms within country, Road infrastructure expansion, Road-side checks on overloading, Ecodriving, Vehicle air pollution emission standards, Vehicle efficiency standards, Vehicle manufacturing
Malaysia Road Safety Plan 2022-2030	2022	Vehicle inspection and maintenance, Vehicle scrappage scheme, Automated enforcement of speed limits, Technical standards for road infrastructure, Market entry regulations for app-based mobility, General regulations for app-based mobility, General micromobility, Training of enforcement authorities, General vehicle improvements
National Biofuel Policy 2006	2006	Biofuels
National Energy Policy 2022-2040	2022	Electric vehicle readiness requirements for new or refurbished buildings, EV charging infrastructure, EV manufacturing, General e-mobility, Vehicle labelling, Biofuels, General shared mobility, Target - Modal shift, Vehicle efficiency standards
59 UN Transport Agreements/ and Conventions Serviced by ECE	2021	Customs Convention on the Temporary Importation of Private Road Vehicles 1954

Climate Change Mitigation Policy Measures - Road Transport

Policy document	Year	Measures
Global Status Report on Road Safety 2018	2018	Design standards for sidewalks and bicycle paths, National speed law, Local authorities have the power to modify national speed limits, Speed limits on urban roads <= 30 kph, Speed limit on rural roads <= 70 kph, Speed limit on motorways <= 90 kph
National Physical Plan_Chapter 7 (Implementation)	2020	General active mobility, General infrastructure improvements, Development of public transport plan/ policy, Low-emission vehicle zones, Employment in transport, communication, and storage
Clean air action plan	2010	General active mobility, Vehicle inspection and maintenance, Vehicle air pollution emission standards, Vehicle efficiency standards
National Policy on Climate Change	2009	General active mobility, General e-mobility, Vehicle efficiency standards
National Automotive Policy 2020	2020	Smart charging, General e-mobility, Vehicle inspection and maintenance, Vehicle air pollution emission standards, General vehicle improvements, Vehicle manufacturing
Logistics and Trade Facilitation Master Plan 2015-2020	2015	General transport asset management, Traffic management
Road Safety Opportunities and Challenges: Low- and Middle-Income Country Profiles	2020	Vehicle inspection and maintenance, Vehicle import inspections, Vehicle restrictions (import, age, access, sale, taxation)

Climate Change Mitigation Targets - Road Transport

Policy document	Target year	Targets
National Energy Policy 2022-2040	2040	Alternative fuel standard for heavy transport = B30 from B5 in 2018
Low Carbon Mobility Blueprint 2021-2030	2025	<p>a.Establish a national target of 9000 AC charging points and 1000 DC charging points by 2025.</p> <p>2,000 electric buses are set to be on the road by the year 2030, and this initiative aims to reduce the environmental impact further;</p> <p>Participation from private developers includes private-public engagement to provide targeted support, and facilitate industry growth and possibly demand for exports. Some local industry players have already initiated local GT development in the manufacturing of electric buses and monorail trains.</p> <p>EV introduction via Completely Built Unit (CBU) importation and various application programs shall be pursued to increase the visibility and acceptance of the technology.</p> <p>Concurrently, while the market is being primed, development of EV related technology can be embarked upon. To ride on this tide of EV development, it is crucial for Malaysia to embark on electric vehicle technology development.</p>
Green Technology Master Plan 2017-2030	2030	<p>% of total industry volume to be Energy Efficient Vehicles (EEV) (fuel efficient vehicles, hybrid and EV) = 100%</p>
Low Carbon Mobility Blueprint 2021-2030	2025	d.Establish 50% target of new government fleet to be BEV (2023 – 2025).
Low Carbon Mobility Blueprint 2021-2030	2025	b.Establish 20% target of new GLC fleet to be BEV (2023 – 2025).
Low Carbon Mobility Blueprint 2021-2030	2030	c.Establish 50% target of new GLC fleet to be locally manufactured BEV (2026 – 2030).
National Automotive Policy 2020	2025	NxGV standards for all vehicles will be developed by year 2021 to ensure NxGV market penetration by year 2025
National Energy Policy 2022-2040	2040	Percentage of electric vehicle (EV) share = 38% from <1% in 2018
		<p>Moving from gasoline and diesel vehicles to alternative fuel vehicles running on biodiesels and CNG can also be fast solutions in improving the energy efficiency of existing vehicles. Nevertheless, this requires significant effort in the development of relevant technology as well as the preparation of supporting infrastructures, particularly in terms of good coverage of refilling stations and service centres for biofuel and CNG vehicles.</p>
Green Technology Master Plan 2017-2030	2030	According to the NLPTMP, it is targeted that modal share for public transport in urban areas will reach 40% by 2030.
National Energy Policy 2022-2040	2040	Percentage of urban public transport modal share = 50% from 20% in 2018
Green Technology Master Plan 2017-2030	2025	EURO 5 RON 95 & 97
Low Carbon Mobility Blueprint 2021-2030	2026	Update regulations requiring new vehicles meet Euro 5 requirements for all petrol engine vehicles in 2026.
Low Carbon Mobility Blueprint 2021-2030	2026	Update regulations requiring new vehicles meet Euro 5 requirements for all diesel engine vehicles in 2026.
Low Carbon Mobility Blueprint 2021-2030	2026	Update Disel Hijau scheme to Euro 6 engine standard (2026).
Low Carbon Mobility Blueprint 2021-2030	2026	Update regulations requiring new vehicles meet Euro 5 requirements for all diesel engine HDVs in 2026.
Low Carbon Mobility Blueprint 2021-2030	2026	Update HDV Disel Hijau scheme to Euro 6 engine standard (2026).
Low Carbon Mobility Blueprint 2021-2030	2030	Update regulations requiring new vehicles meet Euro 6 requirements for all petrol engine vehicles in 2030.
Low Carbon Mobility Blueprint 2021-2030	2030	Update regulations requiring new vehicles meet Euro 6 requirements for all diesel engine vehicles in 2030.

Climate Change Mitigation Targets - Road Transport

Policy document	Target year	Targets
Low Carbon Mobility Blueprint 2021-2030	2030	Update regulations requiring new vehicles meet Euro 6 requirements for all diesel engine HDVs in 2030.
Low Carbon Mobility Blueprint 2021-2030	2023	National target of 144 gCO ₂ /km (equivalent to 6.2 L/100km) for passenger vehicles.
Low Carbon Mobility Blueprint 2021-2030	2026	National target of 123 gCO ₂ /km (equivalent to 5.3 L/100km) for passenger vehicles.
Low Carbon Mobility Blueprint 2021-2030	2030	National target of 95 gCO ₂ /km (equivalent to 4.1 L/100km) for passenger vehicles.

Climate Change Mitigation Policy Measures - Rail Transport

Policy document	Year	Measures
Twelfth Malaysia Plan 2021-2025	2021	General e-mobility, Freight transport shifting to rail or inland waterways (IWT), Intermodality measures, General rail improvement, Budget/ identification of public transport projects, Public transit integration, Urban passenger rail infrastructure improvement, Non-urban passenger rail infrastructure improvement
Malaysia Rail Supporting Industry Roadmap 2030	2014	General rail improvement, Technical standards for rail infrastructure, Transit-oriented development (TOD), Urban passenger rail infrastructure improvement, Non-urban passenger rail infrastructure improvement, Reference to finance mechanisms within country, Request for financial support to develop transport, Technology and knowledge transfer, General capacity building, Coordinate planning across government agencies, General transport institutional reform, Stakeholder Involvement, General education and behavior change
National Land Public Transport Master Plan	2013	Intermodality measures, General rail improvement, Development of public transport plan/ policy, Public transit integration, Urban passenger rail infrastructure improvement, Non-urban passenger rail infrastructure improvement, Target - Modal shift
National Physical Plan_Chapter 7 (Implementation)	2020	Railway electrification, General infrastructure improvements, Development of public transport plan/ policy, High-speed rail (HSR), Employment in transport, communication, and storage
Logistics and Trade Facilitation Master Plan 2015-2020	2015	Reference to finance mechanisms within country, Freight rail infrastructure improvement
Low Carbon Mobility Blueprint 2021-2030	2021	Freight transport shifting to rail or inland waterways (IWT), Intermodality measures, Public transit integration
Green Technology Master Plan 2017-2030	2017	Public transit integration, Urban passenger rail infrastructure improvement, Non-urban passenger rail infrastructure improvement, High-speed rail (HSR), Target - Modal shift, General transport institutional reform, General education and behavior change
National Energy Policy 2022-2040	2022	General freight and logistics improvements, Target - Modal shift
National Transport Policy 2019-2030	2019	Intermodality measures, General infrastructure improvements, Public transit integration
Railways Act 1991	2012	Reference to finance mechanisms within country, General transport institutional reform

Climate Change Mitigation Targets - Rail Transport

Policy document	Target year	Targets
Twelfth Malaysia Plan 2021-2025	2025	Increase in Cargo Volume via Rail, in Northern, Central and Southern Regions = 10%
Green Technology Master Plan 2017-2030	2030	40% rail based public transport in all cities
Green Technology Master Plan 2017-2030	2030	According to the NLPTMP, it is targeted that modal share for public transport in urban areas will reach 40% by 2030.
National Energy Policy 2022-2040	2040	Percentage of urban public transport modal share = 50% from 20% in 2018
National Land Public Transport Master Plan	2030	increase of 40 percent modal share in urban areas of public transport

Climate Change Mitigation Policy Measures - Domestic Navigation

Policy document	Year	Measures
National Energy Policy 2022-2040	2022	General freight and logistics improvements, LPG/ CNG/ LNG, General shipping improvement, Bunkering infrastructure for alternative fuels
Low Carbon Mobility Blueprint 2021-2030	2021	Freight transport shifting to rail or inland waterways (IWT)
Twelfth Malaysia Plan 2021-2025	2021	Freight transport shifting to rail or inland waterways (IWT), Intermodality measures, General inland waterways (IWT) improvement, Public transit integration, General shipping improvement
National Physical Plan_Chapter 7 (Implementation)	2020	General infrastructure improvements, General inland waterways (IWT) improvement
National Transport Policy 2019-2030	2019	General inland waterways (IWT) improvement, Public transit integration, Port infrastructure improvements
Logistics and Trade Facilitation Master Plan 2015-2020	2015	General shipping improvement
National Policy on Climate Change	2009	General shipping improvement
Green Technology Master Plan 2017-2030	2017	General transport institutional reform

Climate Change Mitigation Targets - Domestic Navigation

Policy document	Target year	Targets
National Energy Policy 2022-2040	2040	Percentage of Liquefied Natural Gas (LNG) as alternative fuel for marine transport = 25% from 0% in 2018

Climate Change Mitigation Policy Measures - Domestic Aviation

Policy document	Year	Measures
National Transport Policy 2019-2030	2019	Development of aviation plan/policy, General aviation improvements, Public transit integration, Emissions trading and carbon pricing
Twelfth Malaysia Plan 2021-2025	2021	Development of aviation plan/policy, General aviation improvements, Public transit integration
National Physical Plan_Chapter 7 (Implementation)	2020	General aviation improvements, General infrastructure improvements
Green Technology Master Plan 2017-2030	2017	General transport institutional reform
Logistics and Trade Facilitation Master Plan 2015-2020	2015	Intermodality measures

Climate Change Mitigation Targets - Domestic Aviation

Policy document	Target year	Targets
Twelfth Malaysia Plan 2021-2025	2025	Increase in Air Transport Passengers = 20% by 2025

Climate Change Mitigation Policy Measures - Urban Transport

Policy document	Year	Measures
National Land Public Transport Master Plan	2013	Freight consolidation, Development of public transport plan/ policy, Non-urban passenger rail infrastructure improvement, Target - Modal shift, Access restriction by corridor/ road
Low Carbon Mobility Blueprint 2021-2030	2021	Active transport infrastructure expansion, General data repositories and data collection, Intelligent transport systems (ITS), Development density or intensiveness, General land use, Biofuels, BRT, Public transit integration, General public transport, Parking pricing, Road charging and tolls, General parking measures, General capacity building
Twelfth Malaysia Plan 2021-2025	2021	Active transport infrastructure expansion, General data repositories and data collection, General inland waterways (IWT) improvement, Public transit integration, Urban passenger rail infrastructure improvement, Non-urban passenger rail infrastructure improvement, General public transport, General shared mobility, Development of climate change/ low carbon plan/ policy
Clean air action plan	2010	Development density or intensiveness
National Low Carbon Cities Masterplan	2021	General active mobility, Development density or intensiveness, General public transport, Reporting, transparency, feedback mechanism, Development of climate change/ low carbon plan/ policy
National Physical Plan_Chapter 7 (Implementation)	2020	Development density or intensiveness, Development of public transport plan/ policy, General public transport, Low-emission vehicle zones, Reference to finance mechanisms within country, Development of air pollution plan/ policy
National Transport Policy 2019-2030	2019	General freight and logistics improvements, Prevention of construction of roads, General infrastructure improvements, Transit-oriented development (TOD), Development of other transport-related plan/ policy
Logistics and Trade Facilitation Master Plan 2015-2020	2015	General freight and logistics improvements
Green Technology Master Plan 2017-2030	2017	Public transit integration, Urban passenger rail infrastructure improvement, General public transport, Target - Modal shift, Involvement of subnational government for transport activities
Malaysia Rail Supporting Industry Roadmap 2030	2014	Transit-oriented development (TOD), Urban passenger rail infrastructure improvement, Non-urban passenger rail infrastructure improvement
Global Status Report on Road Safety 2018	2018	Speed limits on urban roads ≤ 30 kph
National Energy Policy 2022-2040	2022	Target - Modal shift

Climate Change Mitigation Targets - Urban Transport

Policy document	Target year	Targets
Green Technology Master Plan 2017-2030	2030	40% rail based public transport in all cities
Green Technology Master Plan 2017-2030	2030	According to the NLPTMP, it is targeted that modal share for public transport in urban areas will reach 40% by 2030.
National Energy Policy 2022-2040	2040	Percentage of urban public transport modal share = 50% from 20% in 2018
National Land Public Transport Master Plan	2030	increase of 40 percent modal share in urban areas of public transport

Climate Change Adaptation Policy Measures

Policy document	Year	Measures
Twelfth Malaysia Plan 2021-2025	2021	Disaster notification/ early warning system, Reference to finance mechanisms within country, Adaptation-related education and training, General capacity building, Coordinate planning across government agencies, General transport institutional reform, Reporting, transparency, feedback mechanism, Stakeholder Involvement, Development of transport adaptation/ emergency/ disaster plan/ policy, Adaptation transport laws, regulations and programmes, Transport law, General adaptation measures, Development of automotive plan/ policy (Sub-sectors: NA)
National Land Public Transport Master Plan	2013	Data modelling improvements, Development of public transport plan/ policy, Coordinate planning across government agencies, Involvement of subnational government for transport activities, Development of national development plan/ policy (Sub-sectors: Road transport, Rail transport, Urban transport)
National Low Carbon Cities Masterplan	2021	Coordinate planning across government agencies, Reporting, transparency, feedback mechanism (Sub-sectors: Urban transport)
Green Technology Master Plan 2017-2030	2017	Reference to finance mechanisms within country, General capacity building, Involvement of subnational government for transport activities, Stakeholder Involvement, Development of transport plan/ policy, Development of automotive plan/ policy, General vehicle improvements (Sub-sectors: Road transport, Urban transport)
National Automotive Policy 2020	2020	Technology and knowledge transfer, Development of automotive plan/ policy (Sub-sectors: NA)
Low Carbon Mobility Blueprint 2021-2030	2021	Investment required for specific projects, General capacity building, General transport institutional reform, Involvement of subnational government for transport activities, Reporting, transparency, feedback mechanism, Development of other transport-related plan/ policy, General vehicle improvements (Sub-sectors: Road transport, Urban transport)
National Transport Policy 2019-2030	2019	General infrastructure improvements, General international conventions, Performance-based transport maintenance contracts, Routine transport asset maintenance, General transport asset management, Reference to finance mechanisms within country, General capacity building, Involvement of subnational government for transport activities, Reporting, transparency, feedback mechanism, Stakeholder Involvement, Development of other transport-related plan/ policy, General vehicle improvements (Sub-sectors: Road transport, Rail transport, Urban transport)
National Physical Plan_Chapter 7 (Implementation)	2020	Development of public transport plan/ policy, Reference to finance mechanisms within country (Sub-sectors: Road transport, Rail transport, Urban transport)
Malaysia. Biennial update report (BUR). BUR 2. National Communication (NC). NC 3.	2018	Development of transport adaptation/ emergency/ disaster plan/ policy, Disaster monitoring and risk assessment for transport infrastructure (Sub-sectors: Urban transport)
Updated Nationally Determined Contribution - MYS	2021	Disaster monitoring and risk assessment for transport infrastructure (Sub-sectors: Urban transport)
National Policy on Climate Change	2009	Technology and knowledge transfer, General adaptation measures (Sub-sectors: NA)
Malaysia Rail Supporting Industry Roadmap 2030	2014	General capacity building, Stakeholder Involvement (Sub-sectors: Rail transport)
Malaysia Road Safety Plan 2022-2030	2022	General international conventions, General transport institutional reform, Reporting, transparency, feedback mechanism, Stakeholder Involvement (Sub-sectors: NA)
Logistics and Trade Facilitation Master Plan 2015-2020	2015	General transport asset management, Reporting, transparency, feedback mechanism, Stakeholder Involvement (Sub-sectors: Road transport)

Climate Change Adaptation Policy Measures

Policy document	Year	Measures
Railways Act 1991	2012	Reference to finance mechanisms within country, General transport institutional reform (Sub-sectors: Rail transport)

Notes



(*) Policy measures and targets were extracted from policy documents as listed in the ATO National Transport Policies Database

<https://bit.ly/ATOpolicyrepository>

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