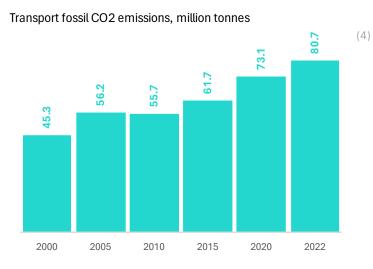
Transport Climate Profile

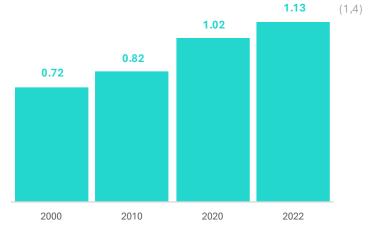
Population (2024) 71.9 million		(1)	Subregion South East Asia	Income class Upper middle income	
Urban population 54%	Rural population 46%	(1)	Gross domestic product (GDP PPP, 2022) 1.48 trillion USD	GDP per capita (PPP, 2022) 20,679 USD	(1,2) (2)
Below 18 y.o. 19%	Above 60 y.o. 24%	(1)	Domestic consumption per 11.4 tonnes	capita, tonnes (2024)	(3)
Population density 141 persons per sqkm		(1,2)	1	total amount of materials directly omestic extraction plus imports), xported.	

Transport and Climate Change



Transport CO2 emissions intensity with GDP, 2022 54.5 gCO2 per USD

Asia-Pacific average is 33.2 gCO2 per USD



Transport fossil CO2 emissions per capita, tonnes





(2,4)

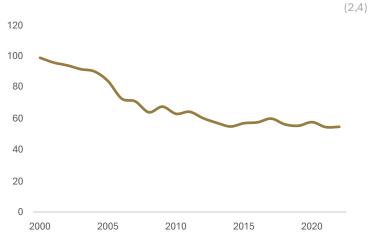
In 2010, transport contributed 22.7% of total fossil CO2 emissions. By 2022, transport contributed 28.6%.

Share of transport CO2	2 emissions by mode (2022)	
Road	Rail	
95.8%	0.3%	(4)
Navigation	Aviation	
0.7%	3.1%	(4)

Navigation and aviation only includes domestic transportation

Between 2000-2015, road transport contributed 96.4% in transport fossil CO2 emissions. Between 2016-2022, road transport contributed 95.5%.

Transport CO2 emissions intensity with GDP trend, gCO2 per USD

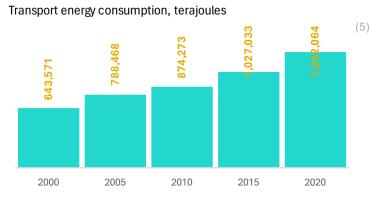


Developed with the support of:



Transport Climate Profile

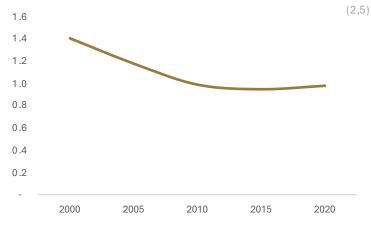
(8)



Transport energy intensity with GDP, 2020 1 MJ per USD

Asia-Pacific average is 0.5 MJ per USD

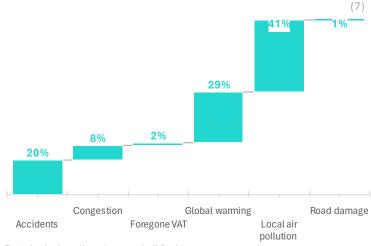
Transport energy intensity with GDP trend, MJ per USD



Transport fossil fuel subsidies, cumulative from 2010 to 2022 155 million USD

0.0% of Asia-Pacific total

Implicit fossil fuel subsidies due to externalities



Data includes all sectors and all fuel types



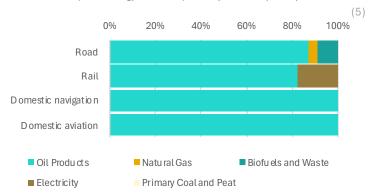


Share of transport energy consumption by mode (2020)

Road	Rail	
97.3%	0.4%	(5)
Navigation	Aviation	
0.7%	1.6 %	(5)

Navigation and aviation only includes domestic transportation

Share of transport energy consumption by source (2020)

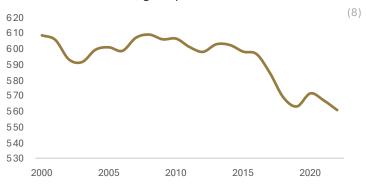


Grid emission factor (2022) 560.7 gCO2 per kWh

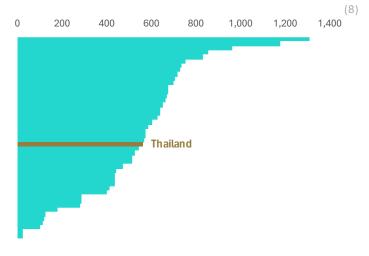
(2,5)

(6)

Grid emission factor trend, gCO2 per kWh



Grid emission factors in Asia-Pacific, gCO2 per kWh



Developed with the support of:

Vehicle Fleet

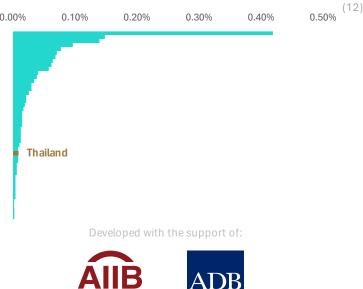
96 vehicles per thousand	022) population		(1,9)	2.08 bill		share in to	Hybrid-ele 1.34 billio otal road vehic	on USD	(value trend
ad vehicles include 2- and 3-whe blic transport, trucks, and other			formal					·	(
2000, Thailand had 328 vehicle his has increased to 596 compa in	-		-						
are of vehicles by type			(9)						
■ 2-wheeler ■ 3-wheeler	LDV Bus	Truck Others		0.75%	6 1.67 %	, 2.649	% 2.79 %	4.72%	7.21%
0% 20% 40%	60%	80%	100%	2017	2018	2019	2020	2021	2022
is vehicle production, units		0075		1.49 bill					(
4,5	90		(10)	Bus impoi	rt value trer	ıd, assum	ing 2015=100		(
				250 — 200 —					
- 487		-		150 — 100 — 50 —					
2000 2010 20	15 2020	2022		- 2003	3 2006	2009	2012 2015	2018	2021
Adaptation									
erage annual losses to transpo zards (2023)	t infrastructure	due to		-			oort infrastruc Asia-Pacific (2		0
25.78 million USD			(12)	0.00%	0.10%	0.20%	0.30%	0.40%	0.50%
are of average annual losses d	ue to hazards, k Rail	y mode (2022	2)		-				
	21%		(13)						
	Airports								
·6 ·	%								

Share of population in low elevated coastal zones (2018) **10%**

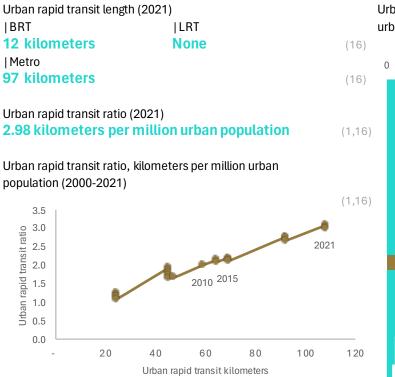


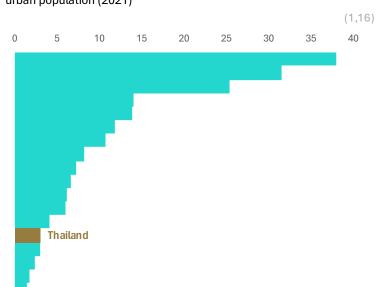


(15)



Urban Transport





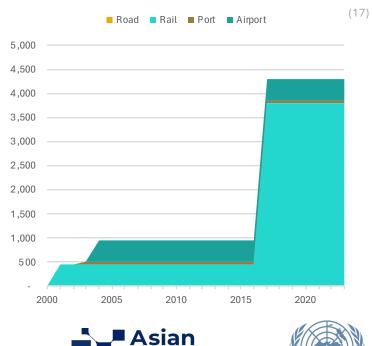
Urban rapid transit ratio in Asia- Pacific, kilometers per million urban population (2021)

Based on 2015 estimates, only 45% of the population could reach the nearest city in 30 minutes, another 19% could reach in 1 hour, and another 34% could reach only after 3 hours.

R D

Transport Investment

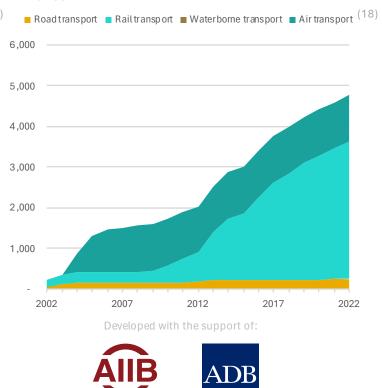
Public-private partnership investments in the transport sector, million USD



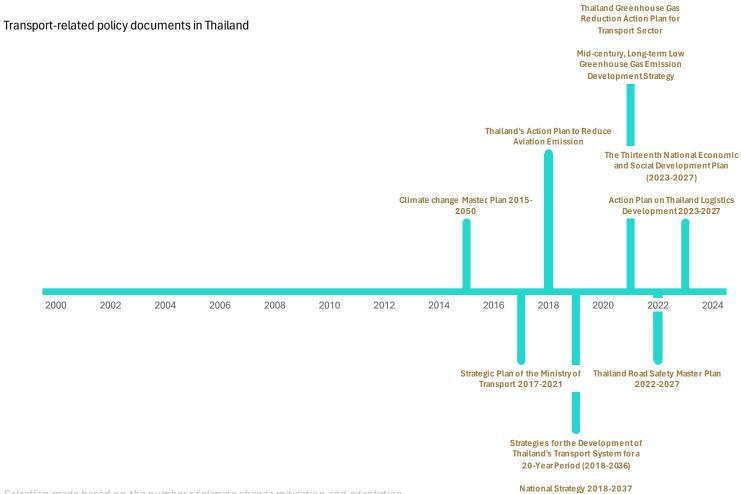
nsport

utlook

Official development assistance in the transport sector, million USD



Transport Climate Policy Documents



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

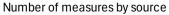
Nationally Determined Contributions

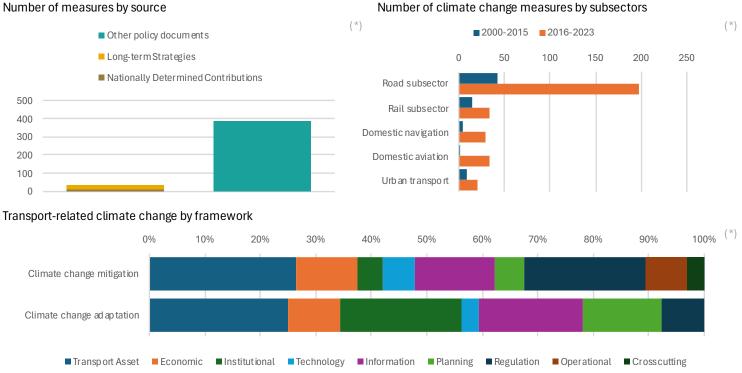
		Road transport	Rail transport	Domestic navigation	Domestic aviation	Urban transport
Updated Nationally Determined Contribution - THA (adopted in 2020)	Mitigation measures Mitigation targets	Yes	Yes			
	Adaptation measures Adaptation targets					

Long-term Strategies

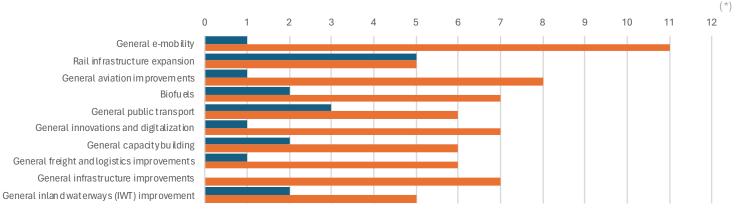
Mid-century, Long-term Low Greenhouse Gas Emission Development Strategy (adopted in 2021)	Mitigation measures Mitigation targets Adaptation measures Adaptation targets	Road transport Yes Yes Yes	Rail transport	Domestic navigation	Domestic aviation	Urban transport
Asian Transport Outlook	UNCRD		Developed with	the support of:		

Transport Climate Policy Overview



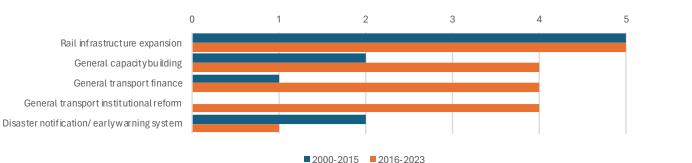


Climate change mitigation top 10 typology, number of measures



2000-2015 2016-2023

Climate change adaptation top 5 typology, number of measures







Developed with the support of:



(*)

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Climate Change Mitigation Policy Measures - Road Transport

Policy document	Year	Measures
Land Transport Act	1979	Accreditation of vehicle inspection centers
Climate change Master Plan 2015-2050	2015	Active transport infrastructure expansion, Fiscal incentives for EVs and components, General freight and logistics improvements, Intelligent transport systems (ITS), Vehicle labelling, Express lanes/ public transport priority, Public transit integration, General public transport, Alternative trip schedules, Parking pricing, Road charging and tolls, Vehicle taxes, Ecodriving
Strategies for the Development of Thailand's Transport System for a 20-Year Period (2018- 2036)	2019	Active transport infrastructure expansion, General active mobility, General e-mobility, Vehicle inspection and maintenance, Intelligent transport systems (ITS), Public transit integration, General public transport, Traffic management, General transport institutional reform, General education and behavior change
Thailand Greenhouse Gas Reduction Action Plan for Transport Sector	2021	Active transport infrastructure expansion, General data repositories and data collection, EV charging infrastructure, General e-mobility, General freight and logistics improvements, General infrastructure improvements, Vehicle scrappage scheme, Intelligent transport systems (ITS), General innovations and digitalization, Express lanes/ public transport priority, Public transit integration, General public transport, Fuel tax, Parking pricing, Road charging and tolls, Vehicle taxes, Ecodriving, General vehicle improvements
59 UN Transport Agreements/ and Conventions Serviced by ECE	2021	Convention on Road Traffic 1949, Convention on Road Traffic 1968
Thailand Road Safety Master Plan 2022-2027	2022	Budget/ identification of active mobility projects, General active mobility, Data modelling improvements, General data repositories and data collection, General infrastructure improvements, Vehicle inspection and maintenance, Automated enforcement of speed limits, Technical standards for road infrastructure, General public transport, Parking pricing, Technology and knowledge transfer, Training of enforcement authorities, General capacity building, Implementation of horizontal deflections on roads, Involvement of subnational government for transport activities, Reporting, transparency, feedback mechanism, Stakeholder Involvement, National speed law, General education and behavior change, Development of automotive plan/ policy, General vehicle improvements
Mid-century, Long-term Low Greenhouse Gas Emission Development Strategy	2021	Ban of ICE sales, EV charging infrastructure, General e-mobility, Biofuels, Surface treatment resurfacing, Fossil fuel subsidy elimination, General vehicle improvements
Oil Plan 2015-2036	2015	Vehicle labelling, Biofuels, LPG/ CNG/ LNG, Traffic management, Ecodriving, Vehicle efficiency standards
Voluntary National Review 2021	2021	General innovations and digitalization, Convention on Road Traffic 1968, Road infrastructure expansion
Global Status Report on Road Safety 2018	2018	Design standards for sidewalks and bicycle paths, National speed law, Speed limits on urban roads <= 30 kph, Speed limit on rural roads <= 70 kph, Speed limit on motorways <= 90 kph
The Thirteenth National Economic and Social Development Plan (2023-2027)	2023	Development of e-mobility transport plan/policy, EV charging infrastructure, EV manufacturing, Fiscal incentives for EVs and components, Renewable energy, Smart charging, General e-mobility, General freight and logistics improvements, Intermodality measures, General infrastructure improvements, Vehicle scrappage scheme, General innovations and digitalization, General public transport, Employment in transport, communication, and storage, Technology and knowledge transfer, General capacity building, Vehicle manufacturing
Thailand Energy Efficiency Development Plan 2015-2036	2015	General e-mobility, Vehicle labelling, Vehicle taxes, Ecodriving
Strategic Plan of the Ministry of Transport 2017-2021	2017	EV charging infrastructure, General public transport, General transport asset management, Road infrastructure expansion
Thailand Industrial Development 4.0 Strategy for 20 years (2017-2036)	2016	EV manufacturing, Vehicle manufacturing
Thailand's Electric Vehicle policies	2022	Fiscal incentives for EVs and components, Vehicle inspection and maintenance

Climate Change Mitigation Policy Measures - Road Transport

Policy document	Year	Measures
Intended Nationally Determined Contribution (INDC)	2015	Freight transport shifting to rail or inland waterways (IWT), General public transport, Vehicle taxes
Updated Nationally Determined Contribution - THA	2020	Freight transport shifting to rail or inland waterways (IWT), Vehicle taxes
National Strategy 2018-2037	2019	General e-mobility, General infrastructure improvements, Vehicle labelling, General capacity building
Action Plan on Thailand Logistics Development 2023-2027	2023	General e-mobility, Programs to reduce emissions in logistics, General freight and logistics improvements, Intermodality measures, General infrastructure improvements, General innovations and digitalization, Logistics hub, Road infrastructure expansion
Ride-Hailing Vehicles Via Electronic System B.E. 2564	2021	Market entry regulations for app-based mobility, Pricing control for app-based mobility, General regulations for app-based mobility
Road Traffic Act - THA	1979	Training of enforcement authorities, National speed law, Passenger and freight load limits, Road-side checks on overspeeding
Transport Infrastructure Development Strategy 2015-2022	2015	Road infrastructure expansion
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)
Vehicles Act, B.E. 2522	1979	Vehicle inspection and maintenance

Climate Change Mitigation Targets - Road Transport

Policy document	Target year	Targets
Mid-century, Long-term Low Greenhouse Gas Emission Development Strategy	2030	To achieve the targets under Thailand's LEDS, the share of liquid biofuel use will have to increase from 8% in 2030 to 34% of total final energy consumption in 2050.
The Thirteenth National Economic and Social Development Plan (2023-2027)	2027	The number of automotive workers upskilled to EVs and employed in the new industry increases by 5,000 by 2027.
		The number of public charging stations/fast chargers increases by 5,000 by 2027
The Thirteenth National Economic and Social Development Plan (2023-2027)	2027	Supporting the reinforcement of electrical grids to sufficiently meet the constant charging demand of increasing EV use, together with separating electricity bills for EV charging from other electricity usage.
		Thailand manufactures 380,250 ZEVs, accounting for 17 per cent of all vehicles, by 2027.
The Thirteenth National Economic and Social Development Plan (2023-2027)	2027	No fewer than 40,000 vehicles are converted into modified EVs by 2027.
		The export value of EVs or parts increases by 5 per cent per year, or Thailand's export value of EV parts increases by 5 per cent per year.
The Thirteenth National Economic and Social	0007	The value of investment in automotive-related science, technology, research and innovation increases by 20 per cent per year.
Development Plan (2023-2027)	2027	The number of workers undertaken EVs training development is not less than 30,000 by 2027.
Mid-century, Long-term Low Greenhouse Gas Emission Development Strategy	2030	increase the share of electric vehicles to be at least 30% by 2030
		There are 282,240 EVs (zero-emission vehicles (ZEVs) with new registrations, which include battery-powered electric vehicles [BEVs] and fuel-cell electric vehicles [FCEVs]), accounting for 26 per cent of all vehicles, in use in Thailand by 2027.
The Thirteenth National Economic and Social Development Plan (2023-2027)	2027	The combined value of investment promotion for the EV and parts industry is no less than 130 billion baht by 2027.
		The number of businesses in the EV supply chain increases by no less than 14, and there are investments in key EV technology in Thailand by 2027.
		The proportion of entrepreneurs who can transform their businesses increases by 10 per cent by 2027.
The Thirteenth National Economic and Social Development Plan (2023-2027)	2030	As a result, the Thai government has expedited the development of a comprehensive EV system and set a vision for Thailand to become one of the world's important production bases of EVs and their parts with an emphasis on the development of zero emission vehicles (ZEV), which include battery-powered electric vehicles (BEV) and fuel-cell electric vehicles (FCEV), setting targets by 2030 at 440,000 units in domestic use (50 per cent of
		all vehicles) and 725,000 units in production (30 per cent of all vehicles).
		Customs (LPI) = Rank 25th or a score of not less than 3.20
Action Plan on Thailand Logistics Development 2023-2027	2027	Logistics Quality and Competence = Rank 25th or a score of not less than 3.60
		E-commerce value of transport and logistics sectors = An average growth rate of 10 percent (2023-2027)

Climate Change Mitigation Targets - Road Transport

Policy document	Target year	Targets
The Thirteenth National Economic and Social	2027	The proportion of renewable energy in the final energy consumption increases by
Development Plan (2023-2027)	2027	no less than 24 per cent by 2027.

Climate Change Mitigation Policy Measures - Rail Transport

Policy document	Year	Measures
Action Plan on Thailand Logistics Development 2023-2027	2023	Freight transport shifting to rail or inland waterways (IWT), General freight and logistics improvements, General infrastructure improvements, General transport finance, Rail infrastructure expansion, Stakeholder Involvement
Climate change Master Plan 2015-2050	2015	Freight transport shifting to rail or inland waterways (IWT), General freight and logistics improvements, General rail improvement, Urban passenger rail infrastructure improvement, General public transport, Rail infrastructure expansion
Intended Nationally Determined Contribution (INDC)	2015	Freight transport shifting to rail or inland waterways (IWT), Urban passenger rail infrastructure improvement, Rail infrastructure expansion
Strategies for the Development of Thailand's Transport System for a 20-Year Period (2018- 2036)	2019	Freight transport shifting to rail or inland waterways (IWT), Intermodality measures, General rail improvement, Transit-oriented development (TOD), Non-urban passenger rail infrastructure improvement, General public transport, Target - Transport activity, Logistics hub, General transport institutional reform
Updated Nationally Determined Contribution - THA	2020	Freight transport shifting to rail or inland waterways (IWT)
The Thirteenth National Economic and Social Development Plan (2023-2027)	2023	General freight and logistics improvements, General rail improvement
National Strategy 2018-2037	2019	General infrastructure improvements, General rail improvement
Thailand Greenhouse Gas Reduction Action Plan for Transport Sector	2021	Railway electrification, Public transit integration, Urban passenger rail infrastructure improvement, High-speed rail (HSR), Rail infrastructure expansion
Transport Infrastructure Development Strategy 2015-2022	2015	High-speed rail (HSR), Rail infrastructure expansion
Strategic Plan of the Ministry of Transport 2017-2021	2017	Railway electrification, Urban passenger rail infrastructure improvement, Non-urban passenger rail infrastructure improvement, Rail infrastructure expansion
Oil Plan 2015-2036	2015	Railway electrification, Rail infrastructure expansion
Thailand Energy Efficiency Development Plan 2015-2036	2015	Rail infrastructure expansion
Voluntary National Review 2021	2021	Urban passenger rail infrastructure improvement, Rail infrastructure expansion

Climate Change Mitigation Targets - Rail Transport

Policy document	Target year	Targets
Action Plan on Thailand Logistics Development 2023-2027	2027	The proportion of freight moved by rail to total freight volumes = An average of 7 percent (2023-2027)
		Customs (LPI) = Rank 25th or a score of not less than 3.20
Action Plan on Thailand Logistics Development 2023-2027	2027	Logistics Quality and Competence = Rank 25th or a score of not less than 3.60
		E-commerce value of transport and logistics sectors = An average growth rate of 10 percent (2023-2027)
Strategies for the Development of Thailand's	2036	Proportion of the volume of freight by rail = Present (2015) 1.4% Target (2036) Percent 10%
Transport System for a 20-Year Period (2018-2036)		Proportion of volume of water transport = Present (2015) 11.44% Target (2036) 19 percent
Voluntary National Review 2021	2029	According to the Mass Rapid Transit Master Plan in the Bangkok Metropolitan Region (M-MAP), the Government aims to finish 103 metro stations by 2029.

Climate Change Mitigation Policy Measures - Domestic Navigation

Policy document	Year	Measures
Climate change Master Plan 2015-2050	2015	Freight transport shifting to rail or inland waterways (IWT), General freight and logistics improvements, General inland waterways (IWT) improvement
Strategies for the Development of Thailand's Transport System for a 20-Year Period (2018- 2036)	2019	Freight transport shifting to rail or inland waterways (IWT), Intermodality measures, General inland waterways (IWT) improvement, General public transport, Target - Transport activity, Logistics hub, General transport institutional reform
National Strategy 2018-2037	2019	General data repositories and data collection, General infrastructure improvements, General inland waterways (IWT) improvement
Action Plan on Thailand Logistics Development 2023-2027	2023	General freight and logistics improvements, General infrastructure improvements, General transport finance, Port infrastructure improvements, Stakeholder Involvement
The Thirteenth National Economic and Social Development Plan (2023-2027)	2023	General freight and logistics improvements, Intermodality measures, General infrastructure improvements, General inland waterways (IWT) improvement, Logistics hub, Port infrastructure improvements
Thailand Greenhouse Gas Reduction Action Plan for Transport Sector	2021	General infrastructure improvements, General inland waterways (IWT) improvement, General shipping improvement, Port infrastructure improvements
Strategic Plan of the Ministry of Transport 2017-2021	2017	General inland waterways (IWT) improvement, Port infrastructure improvements
Thailand Energy Efficiency Development Plan 2015-2036	2015	General inland waterways (IWT) improvement
Transport Infrastructure Development Strategy 2015-2022	2015	Port infrastructure improvements
Voluntary National Review 2021	2021	Port infrastructure improvements

Climate Change Mitigation Targets - Domestic Navigation

Policy document	Target year	Targets
Action Plan on Thailand Logistics Development 2023-2027	2027	Customs (LPI) = Rank 25th or a score of not less than 3.20
		Logistics Quality and Competence = Rank 25th or a score of not less than 3.60
		E-commerce value of transport and logistics sectors = An average growth rate of 10 percent (2023-2027)
Strategies for the Development of Thailand's Transport System for a 20-Year Period (2018- 2036)	2036	Proportion of the volume of freight by rail = Present (2015) 1.4% Target (2036) Percent 10%
		Proportion of volume of water transport = Present (2015) 11.44% Target (2036) 19 percent

Climate Change Mitigation Policy Measures - Domestic Aviation

Policy document	Year	Measures
Strategies for the Development of Thailand's Transport System for a 20-Year Period (2018- 2036)	2019	Air traffic management, General transport institutional reform, General education and behavior change
Thailand's Action Plan to Reduce Aviation Emission	2018	Development of aviation plan/policy, Air traffic management, Aircraft fleet renovation, General aviation improvements, General data repositories and data collection, Biofuels, General alternative fuels, Target - Transport energy consumption, Target - Transport GHG emission, General capacity building, Coordinate planning across government agencies, General transport institutional reform, Stakeholder Involvement
Action Plan on Thailand Logistics Development 2023-2027	2023	General aviation improvements, General freight and logistics improvements, General infrastructure improvements
Climate change Master Plan 2015-2050	2015	General aviation improvements
National Strategy 2018-2037	2019	General aviation improvements, General infrastructure improvements, General capacity building
Strategic Plan of the Ministry of Transport 2017-2021	2017	General aviation improvements
Thailand Greenhouse Gas Reduction Action Plan for Transport Sector	2021	General aviation improvements, General infrastructure improvements
Thailand Industrial Development 4.0 Strategy for 20 years (2017-2036)	2016	General aviation improvements
Voluntary National Review 2021	2021	General aviation improvements
The Thirteenth National Economic and Social Development Plan (2023-2027)	2023	General freight and logistics improvements, Intermodality measures

Climate Change Mitigation Targets - Domestic Aviation

Policy document	Target year	Targets
		Customs (LPI) = Rank 25th or a score of not less than 3.20
Action Plan on Thailand Logistics Development 2023-2027	2027	Logistics Quality and Competence = Rank 25th or a score of not less than 3.60
		E-commerce value of transport and logistics sectors = An average growth rate of 10 percent (2023-2027)
Thailand's Action Plan to Reduce Aviation Emission	2030	Aviation Fuel saved = 1% Increased efficiency = 0.5% less (0.363 by 2010)
Thailand's Action Plan to Reduce Aviation Emission	2030	Aviation CO2 emission reduction = 0.2% Percentage of GHG reduction in the aviation sector = 1.5%

Climate Change Mitigation Policy Measures - Urban Transport

Policy document	Year	Measures
Thailand Greenhouse Gas Reduction Action Plan for Transport Sector	2021	Active transport infrastructure expansion, General e-mobility, Express lanes/ public transport priority, Urban passenger rail infrastructure improvement, General public transport, Parking pricing, Road charging and tolls
Voluntary National Review 2021	2021	General e-mobility, Urban passenger rail infrastructure improvement
Climate change Master Plan 2015-2050	2015	Mixed use, Transit-oriented development (TOD), General land use, Urban passenger rail infrastructure improvement, General public transport, Parking pricing, Road charging and tolls
National Strategy 2018-2037	2019	General rail improvement, General land use
Intended Nationally Determined Contribution (INDC)	2015	Urban passenger rail infrastructure improvement, General public transport
Strategies for the Development of Thailand's Transport System for a 20-Year Period (2018- 2036)	2019	Transit-oriented development (TOD), Non-urban passenger rail infrastructure improvement, Target - Modal shift, General transport institutional reform
Thailand Road Safety Master Plan 2022-2027	2022	Parking pricing
Global Status Report on Road Safety 2018	2018	Speed limits on urban roads <= 30 kph
The Thirteenth National Economic and Social Development Plan (2023-2027)	2023	Transit-oriented development (TOD)
Strategic Plan of the Ministry of Transport 2017-2021	2017	Urban passenger rail infrastructure improvement

Climate Change Mitigation Targets - Urban Transport

Policy document	Target year	Targets
Strategies for the Development of Thailand's Transport System for a 20-Year Period (2018- 2036)	2036	Proportion of public transport users traveling in Bangkok and its vicinity = Present (2015) 31.28% Target (2036) 50.38% Proportion of public transport users in intercity travel = Present (2015) 50.28% Target (2036) 61.12%
Voluntary National Review 2021	2029	According to the Mass Rapid Transit Master Plan in the Bangkok Metropolitan Region (M-MAP), the Government aims to finish 103 metro stations by 2029.

Climate Change Adaptation Policy Measures

Policy document	Year	Measures
Thailand's Action Plan to Reduce Aviation Emission	2018	General capacity building, Coordinate planning across government agencies, General transport institutional reform, Stakeholder Involvement (Sub-sectors: Domestic Aviation)
Thailand Road Safety Master Plan 2022-2027	2022	Development of automotive plan/ policy, General vehicle improvements (Sub-sectors: Road transport)
Climate change Master Plan 2015-2050	2015	Disaster notification/ early warning system, General capacity building, Rail infrastructure expansion, Development of climate change/ low carbon plan/ policy, Development of transport plan/ policy (Sub-sectors: Rail transport)
The Thirteenth National Economic and Social Development Plan (2023-2027)	2023	Development of e-mobility transport plan/policy, Disaster notification/ early warning system, General transport finance, Development of transport adaptation/ emergency/ disaster plan/ policy (Sub-sectors: Road transport)
Strategic Plan of the Ministry of Transport 2017-2021	2017	Development of public transport plan/ policy, General transport asset management, Rail infrastructure expansion (Sub-sectors: Road transport, Rail transport)
Intended Nationally Determined Contribution (INDC)	2015	Disaster notification/ early warning system, Rail infrastructure expansion (Sub-sectors: Rail transport)
Action Plan on Thailand Logistics Development 2023-2027	2023	General transport asset management, General transport finance, General capacity building, Rail infrastructure expansion, Stakeholder Involvement (Sub-sectors: Rail transport, Domestic Navigation)
National Strategy 2018-2037	2019	General data repositories and data collection, General capacity building (Sub-sectors: Road transport, Domestic Navigation, Domestic Aviation)
Thailand Automotive Industry Situation and Master Plan	2015	General capacity building (Sub-sectors: NA)
Thailand Greenhouse Gas Reduction Action Plan for Transport Sector	2021	General transport finance, Investment required for specific projects, General capacity building, Rail infrastructure expansion, General transport institutional reform, Stakeholder Involvement, General vehicle improvements (Sub-sectors: Road transport, Rail transport)
Oil Plan 2015-2036	2015	General transport finance, Rail infrastructure expansion (Sub-sectors: Rail transport)
Strategies for the Development of Thailand's Transport System for a 20-Year Period (2018- 2036)	2019	General transport finance, General transport institutional reform, Involvement of subnational government for transport activities (Sub-sectors: Road transport, Rail transport, Domestic Navigation, Domestic Aviation, Urban transport)
Thailand. Biennial update report (BUR). BUR 3.	2020	General transport institutional reform (Sub-sectors: NA)
Mid-century, Long-term Low Greenhouse Gas Emission Development Strategy	2021	Surface treatment resurfacing, General vehicle improvements (Sub-sectors: Road transport)
Thailand Energy Efficiency Development Plan 2015-2036	2015	Rail infrastructure expansion (Sub-sectors: Rail transport)
Transport Infrastructure Development Strategy 2015-2022	2015	Rail infrastructure expansion (Sub-sectors: Rail transport)
Voluntary National Review 2021	2021	Rail infrastructure expansion (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

References

(1) UN Population Database (2022), https://population.un.org/wpp/	(10) International Organization of Motor Vehicle Manufacturers (OICA, 2023),
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