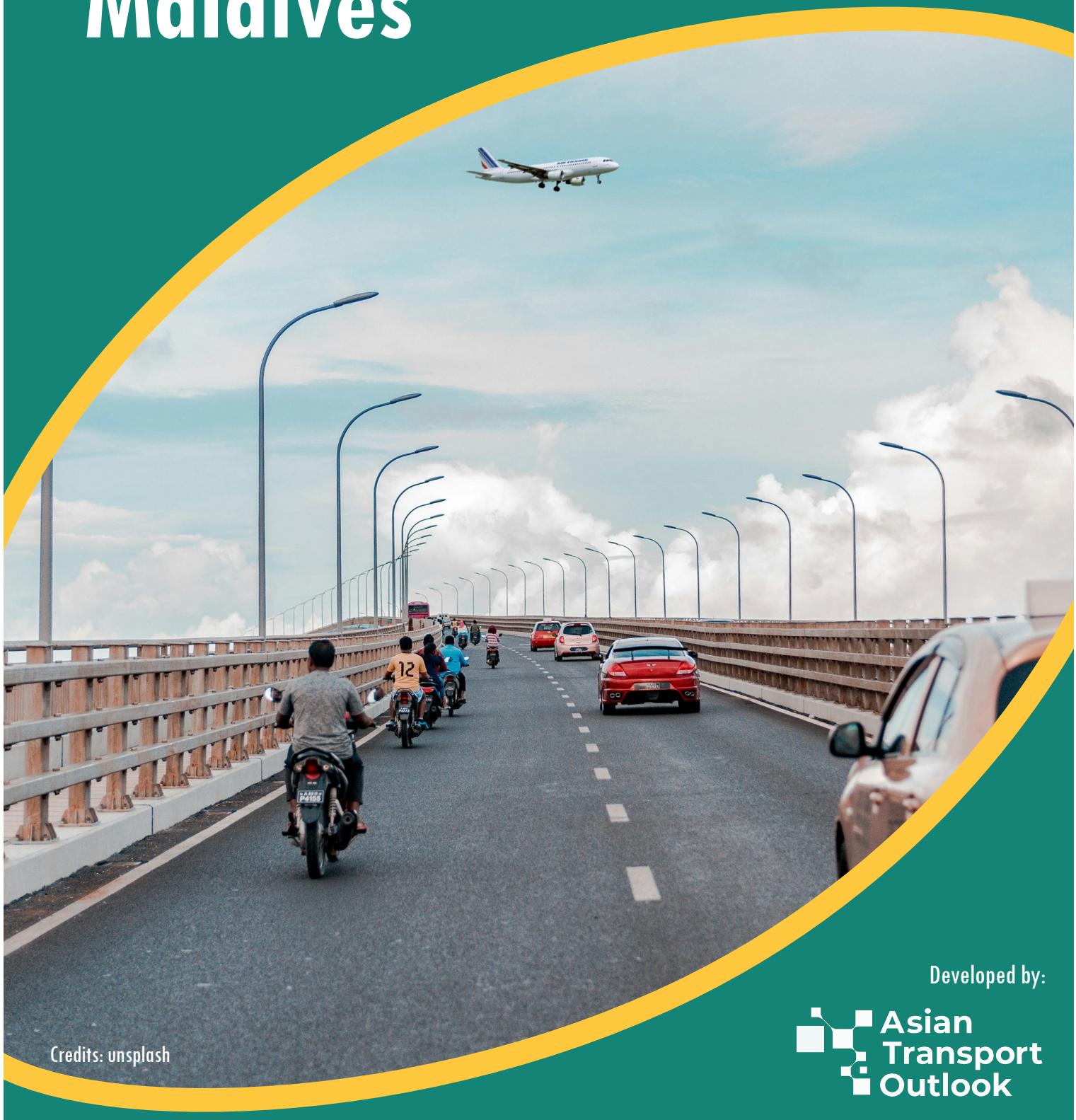


# Transport and Climate Profile

# Maldives



Credits: unsplash

Developed by:



Developed with the support of:



**Introduction to the profiles:** These “Transport and Climate Profiles” are part of the research work entitled “Transport NDC Gap Analysis for Low- and Middle-Income Countries (LMICs) in Asia and the Pacific” which is being implemented and builds on the work of the Asian Transport Outlook (ATO), a project initiated and supported by the Asian Development Bank (ADB). ATO is also being supported by the Asian Infrastructure Investment Bank (AIIB). The research is being co-funded by UKAID through the UK Foreign, Commonwealth and Development Office (FCDO) under the High-Volume Transport (HVT) Applied Research Program managed by DT Global International Development UK LTD (DT Global). The research is being implemented under HVT057 (Transport Decarbonisation Index - <https://transport-links.com/funded-projects/transport-decarbonisation-index-tdi>) whose lead research supplier is the Partnership on Sustainable, Low Carbon Transport. These profiles are designed to complement the main report of the research entitled *Bridging the Gap: A Deep Dive into NDCs and Transport Policy Landscapes in Low- and Middle-Income Asian Economies*. While intended as supplementary materials, they also function as standalone knowledge products. All the related knowledge products will be made available through <https://asiantransportoutlook.com/analytical-outputs/ndc-analysis> and <https://asiantransportoutlook.com/analytical-outputs/transportclimateprofiles/>

The Asian Transport Outlook (ATO) is an initiative that aims at strengthening the knowledge base on transport in the Asia-Pacific region. It supports the planning and delivery of transport-related assistance in Asia, supports wider transport policy making, and helps track global and regional processes related to sustainable development. For example, ATO is the monitoring mechanism for the Aichi 2030 Declaration on Environmentally Sustainable Transport – Making Transport in Asia Sustainable (2021-2030) which was adopted by more than 20 countries in Asia-Pacific through the High Level Environmentally Sustainable Transport Forum (EST) that is organized by the United Nations Centre for Regional Development (UNCRD)-DSDG/UN DESA, along with its partners. For more information, visit [asiantransportoutlook.com](http://asiantransportoutlook.com)

This profile is structured into two main sections: Data Insights and Policy Insights. Under “Data Insights”, individual components at the intersection of transport and climate change are detailed. Similarly, the “Policy Insights” section outlines various policy documents, measures, and targets.

**Disclaimer:** The ATO project collects, collates, organizes, and presents transport-relevant data from publicly available official sources and reputable, peer-reviewed secondary sources. Users should be aware that: the ATO does not generate any primary data; the source data may contain inconsistencies or gaps; despite rigorous quality control measures, the ATO cannot guarantee the absolute accuracy, completeness, or suitability of the data for specific purposes.

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**Transport and Climate Profile: Maldives**

2024

The publication is available at <https://asiantransportoutlook.com/analyticaloutputs/countryprofiles/>

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# Executive Summary

The Maldives, an upper-middle-income South Asian economy, faces unique challenges in balancing its transport needs with climate change concerns. As a nation composed of low-lying islands, it is particularly vulnerable to rising sea levels and extreme weather events. This comprehensive analysis delves into the intricate relationship between transport and climate change in the Maldives, examining data trends, policy frameworks, and potential opportunities for sustainable development.

## CO2 Emissions:

- In 2023, the Maldives' transport sector generated 1.4 million tonnes of CO2 emissions, constituting 51% of the total economy-wide emissions. This sector's CO2 emissions have seen a concerning upward trend, growing 9% annually since 2015, significantly higher than the 7% annual growth before the adoption of the Paris Agreement and SDGs. The road sector dominates these emissions, contributing 99% in 2022 and accounting for 27% of the total economy-wide emissions. In contrast, rail, domestic navigation, and domestic aviation play a negligible role. While the Maldives' transport sector CO2 emissions intensity with GDP has decreased from 109.6 gCO2 per USD in 2000 to 113.8 gCO2 per USD in 2023, it remains significantly higher than the Asia-Pacific average of 32.0 gCO2 per USD and its peers like the Upper middle-income average and South Asia average.

## Energy Consumption:

- Trends: Transport energy consumption has grown steadily, with a high dependence on oil products.
- Intensity: The Maldives' transport energy intensity with GDP is higher than regional and peer averages, emphasizing the need for energy-efficient solutions.
- Electrification: Electrification of the transport sector remains minimal, presenting a significant opportunity for emissions reduction.

## Adaptation and Resilience:

- The Maldives is projected to experience average annual losses to its transport infrastructure due to climate-related hazards, estimated at 0.06 million USD. However, the distribution of losses in the Maldives is unique, with 59% attributed to airports, 24% to ports, and 17% to roads. This distribution highlights the country's vulnerability to sea-level rise and extreme weather events, particularly given that 100% of its population resides in low-elevation coastal zones.

## Vehicle Fleet:

- Growth: The vehicle fleet has grown rapidly, raising concerns about congestion and emissions.
- Electrification: Electric vehicle imports are increasing but remain a small share compared to the South Asia region.
- E-Mobility Readiness: The Maldives has a low score on the E-mobility Readiness Index, indicating potential for further development.

**Urban Transport:**

- Limited Public Transport: Urban rapid transit infrastructure is underdeveloped, hindering efficient and sustainable urban mobility

**Investments**

- ODA: The Maldives has received significant official development assistance for transport, with a focus on airports.
- PPP: Public-private partnership investments have fluctuated.

**Policy:**

- NDCs: The Maldives' Nationally Determined Contributions (NDCs) lack specific transport GHG emissions targets.
- LTS: The Long-Term Strategy (LTS) also lacks transport-specific emissions targets.
- Policy Priorities: The Maldives has a range of transport policies, prioritizing areas like general infrastructure improvements, public transport, and technology transfer. However, few measures focus on adaptation and resilience.
- Targets: Policy: In the broader transport policy documents, various targets can also be found, such as targets for Biofuels, General public transport, General shipping improvement, General transport demand management, Renewable energy, Vehicle efficiency standards

**NDC Gaps and Alignment:**

- Gaps: A significant gap exists between the specific transport emissions targets in the NDCs and LTS.
- Alignment: While some policy measures align with climate goals, there is a need for more robust integration and a greater focus on adaptation.

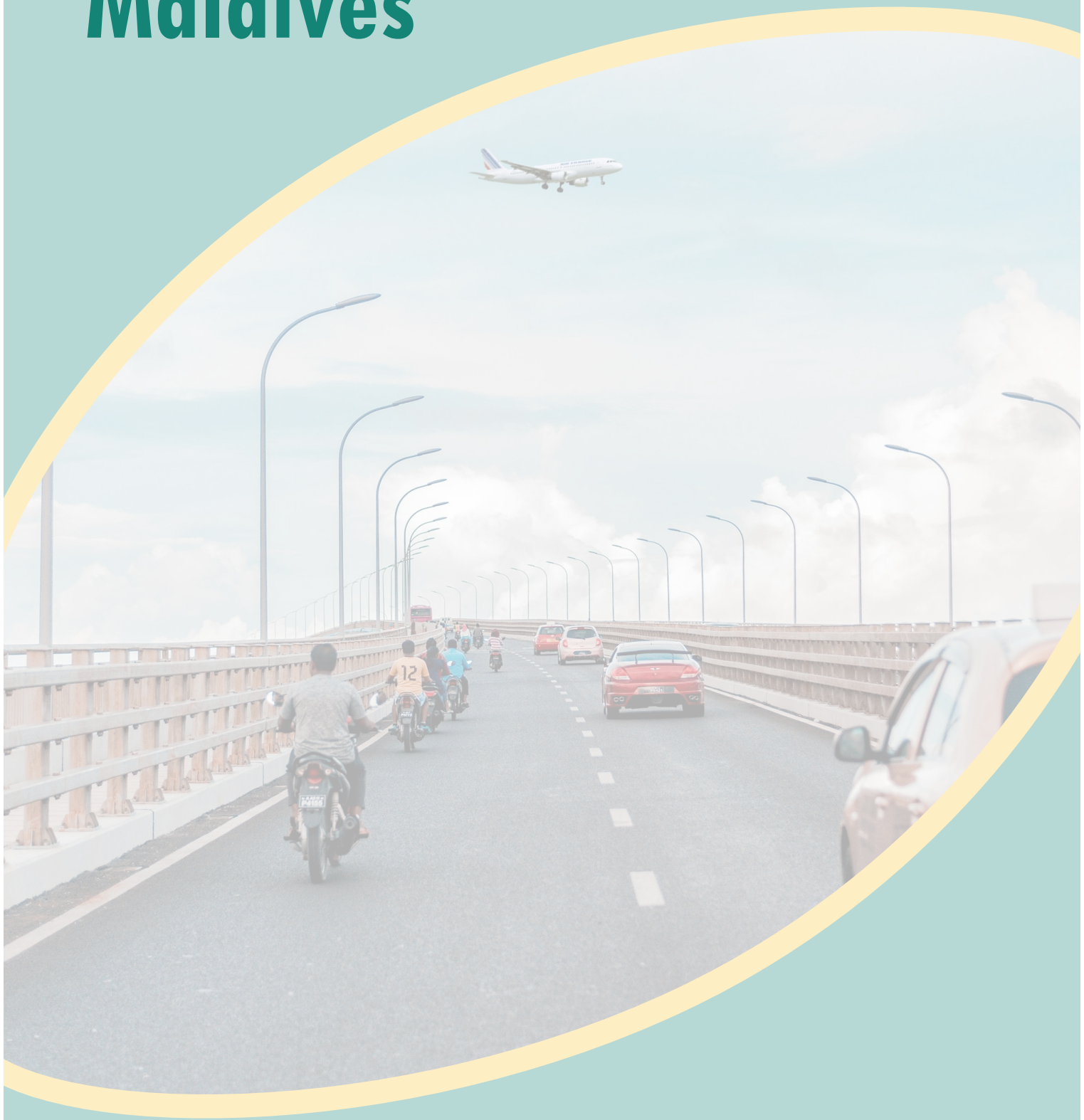
**Policy Priorities and Opportunities:**

- Decarbonization: Prioritize decarbonizing road transport through electrification, biofuels, and energy-efficient vehicles.
- Public Transport: Invest in expanding and improving public transport systems, particularly in urban areas.
- Resilience: Enhance the resilience of transport infrastructure to climate hazards, including sea-level rise and extreme weather events.
- E-mobility: Promote electric vehicle adoption through supportive policies and infrastructure development.
- Low-carbon Shipping remains a key opportunity.
- Data and Monitoring: Improve data collection and monitoring to track progress and inform policy decisions.

The Maldives faces a complex challenge in mitigating transport emissions while adapting to climate change. Addressing these challenges requires a multifaceted approach encompassing policy reforms, technology adoption, infrastructure investments, and international collaboration. The Maldives can pave the way for a resilient and low-carbon future by prioritizing sustainable transport solutions.

# Data Insights

# Maldives



# Maldives

## Transport and Climate Profile

Population (2024)  
**517.9 thousand**

Urban population  
**42%**

Below 18 y.o.  
**27%**

Population density  
**1,737 persons per sqkm**

Rural population  
**58%**

Above 60 y.o.  
**9%**

Subregion  
(1) **South Asia**

Gross domestic product  
(1) (GDP PPP, 2023)  
**12.93 billion USD**

(1) Domestic consumption per capita, tonnes (2024)  
**17.8 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.*

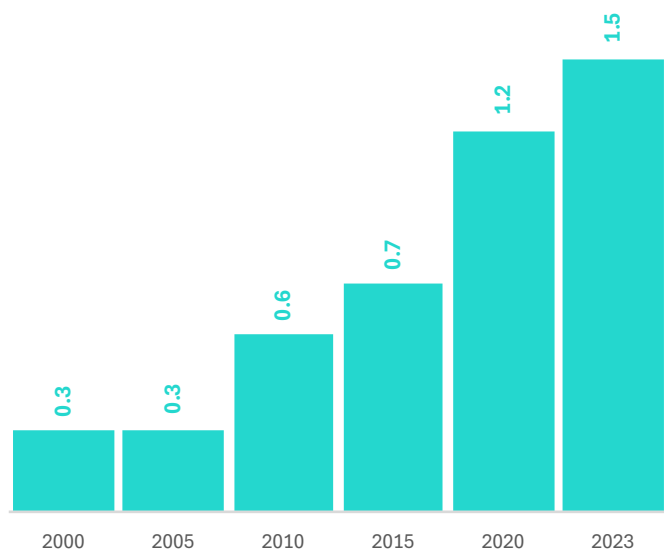
Income class  
**Upper middle income**

GDP per capita (PPP, 2023)  
**24,809 USD** (1,2)  
(2)

(3)

### I. Transport and Climate Change

Transport fossil CO2 emissions, million tonnes



*In 2010, transport contributed 55% of total fossil CO2 emissions. By 2023, transport contributed 51%.*

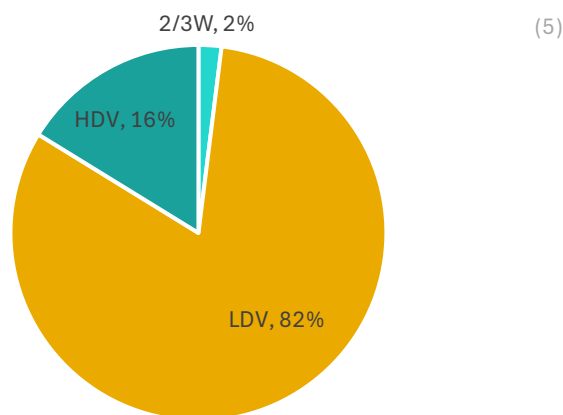
Share of transport CO2 emissions by mode (2022)

(4)   Road	<b>86.1%</b>	Rail	<b>0.0%</b>	(4)
Navigation	<b>7.9%</b>	Aviation	<b>6.0%</b>	(4)

*Navigation and aviation only includes domestic transportation*

*Between 2000-2015, road transport contributed 76% in transport fossil CO2 emissions. Between 2016-2022, road transport contributed 85%.*

Road transport CO2 emissions (well-to-wheel), share by mode (2022)



Transport CO2 emissions intensity (2023)

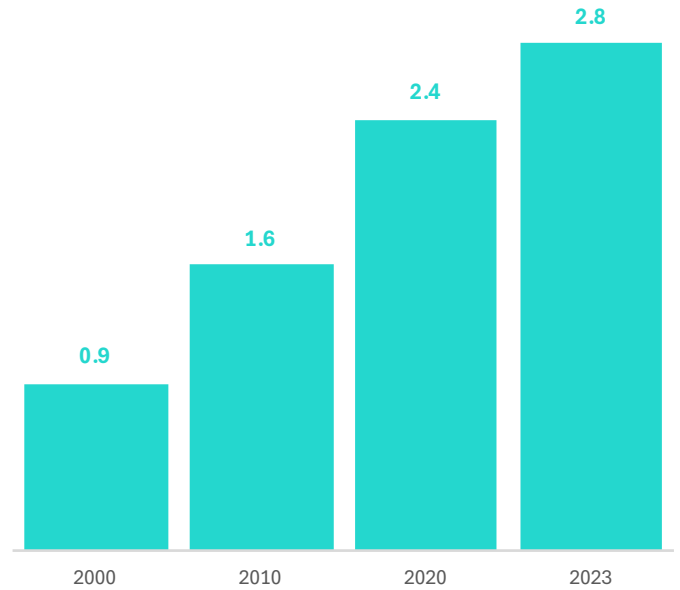
**114 gCO2 per USD**

(2,4)

*Asia-Pacific average is 32 gCO2 per USD*

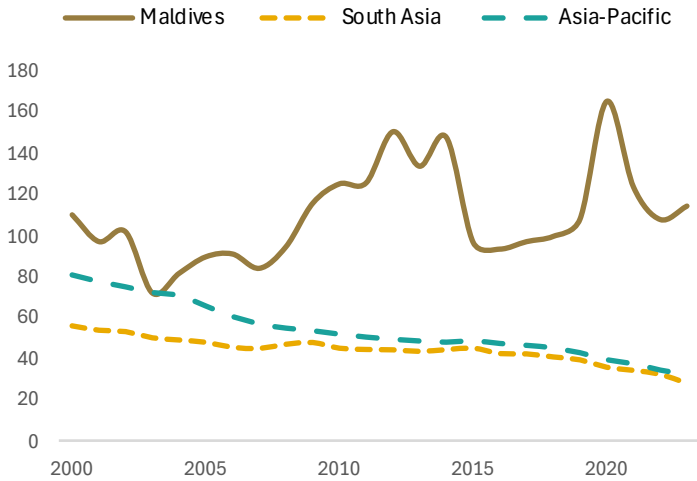
Transport fossil CO2 emissions per capita, tonnes

(1,4)



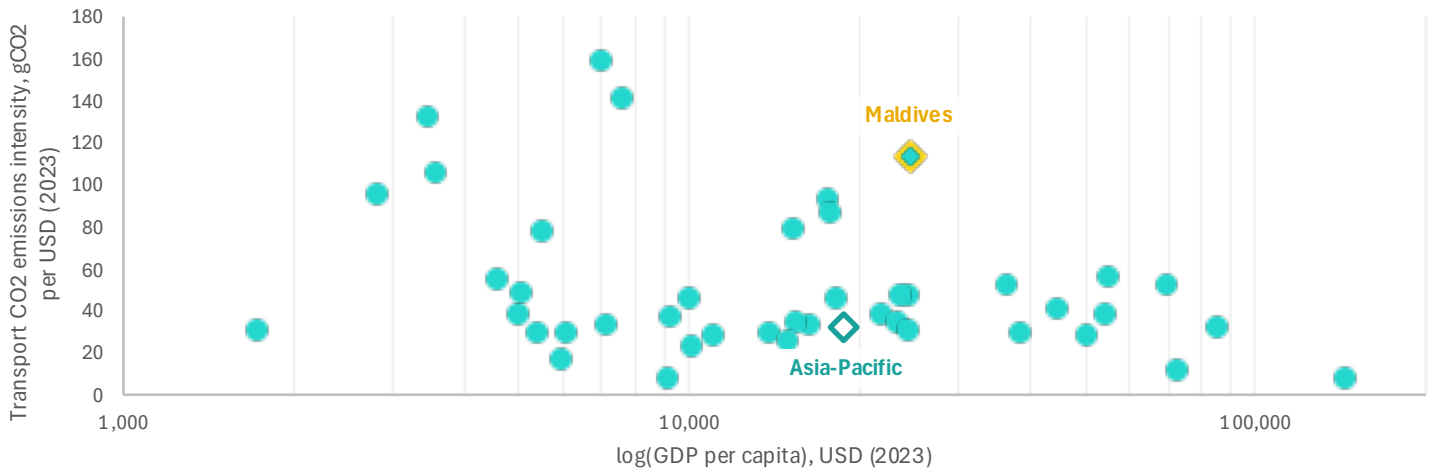
Transport CO2 emissions intensity trend, gCO2 per USD

(2,4)



Transport CO2 emissions intensity in Asia-Pacific, gCO2 per USD

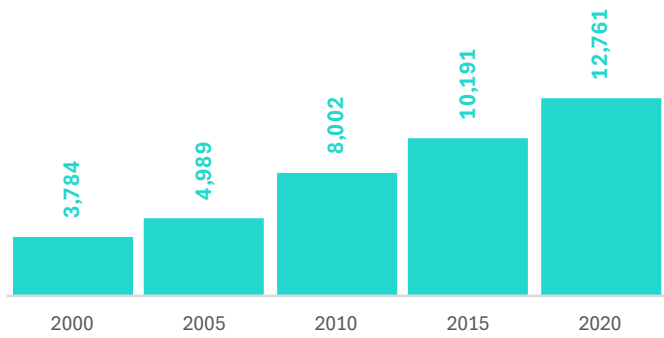
(2,4)



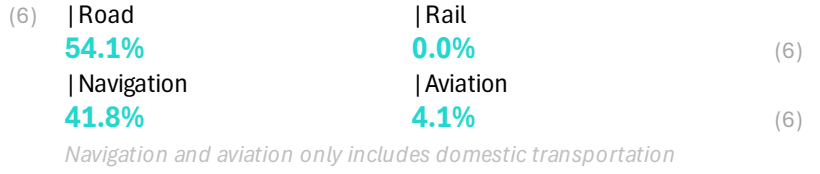


II. Transport Energy Consumption

Transport energy consumption, TJ



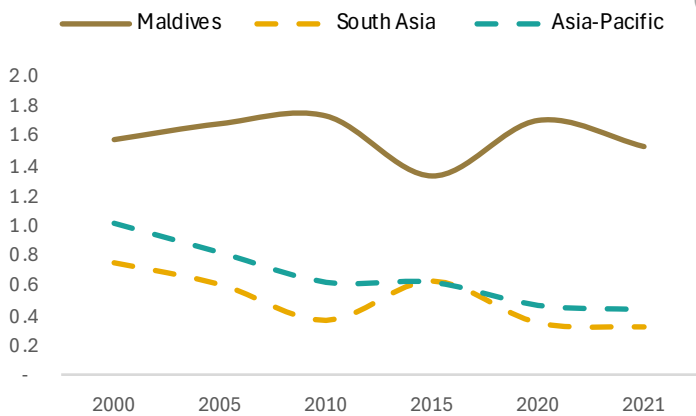
Share of transport energy consumption by mode (2021)



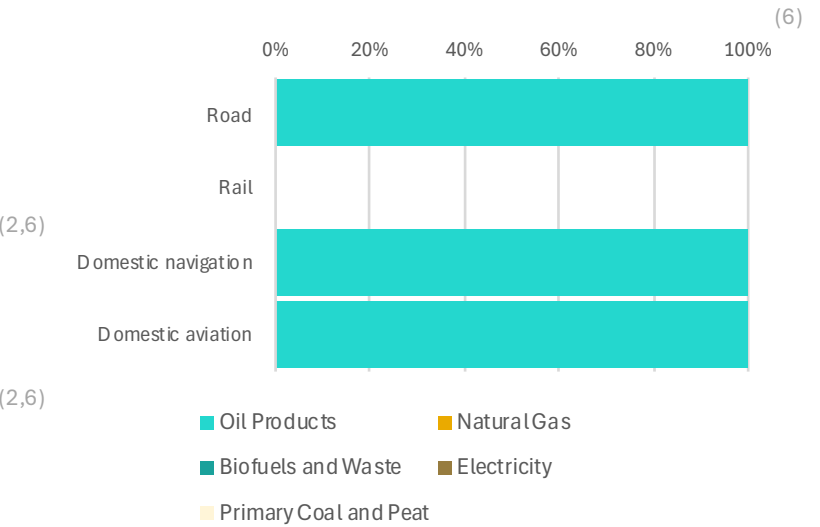
Transport energy intensity (2021)

**1.5 MJ per USD**  
Asia-Pacific average is 0.4 MJ per USD

Transport energy intensity trend, MJ per USD



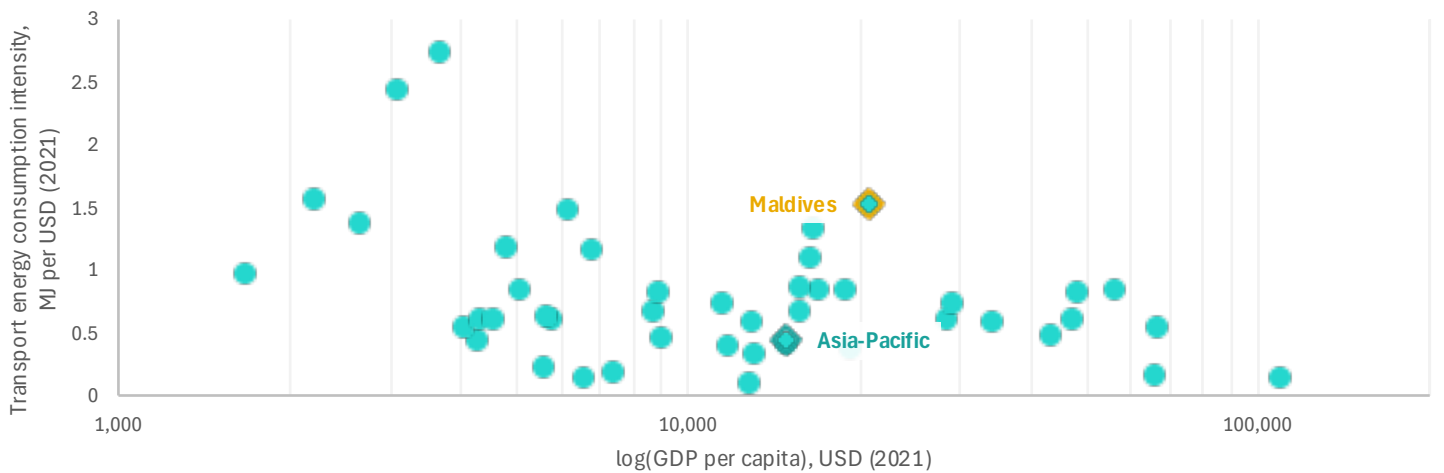
Share of transport energy consumption by source (2021)



Share of transport in renewable energy consumption



Transport energy intensity in Asia-Pacific, MJ per USD



Transport fossil fuel subsidies, cumulative (2010-2022)

**None**

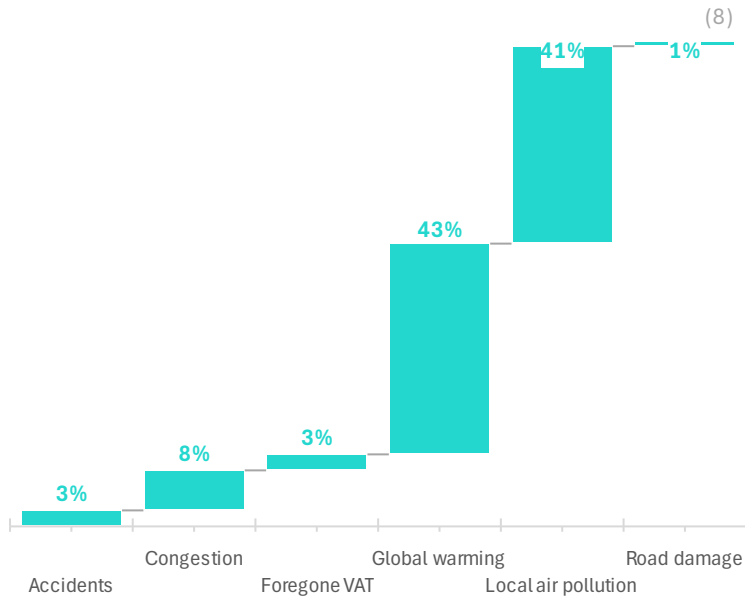
0.0% of Asia-Pacific total

Grid emission factor (2022)

(7) **652 gCO<sub>2</sub> per kWh**

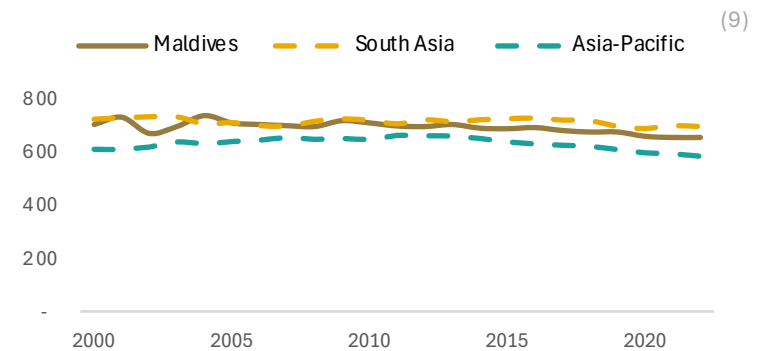
(9)

Estimated externalities due to fossil fuel subsidies

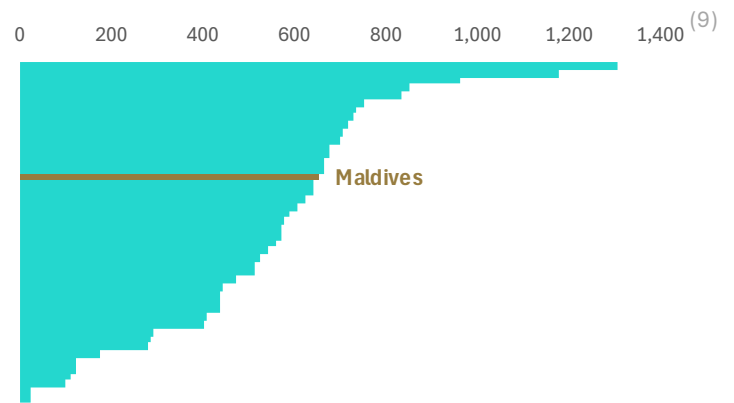


Data includes all sectors and all fuel types

Grid emission factor trend, gCO<sub>2</sub> per kWh



Grid emission factors in Asia-Pacific, gCO<sub>2</sub> per kWh



## III. Adaptation and Resilience

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

**n.d.**

Road	Rail
<b>17%</b>	<b>0%</b>
Ports	Airports
<b>24%</b>	<b>59%</b>

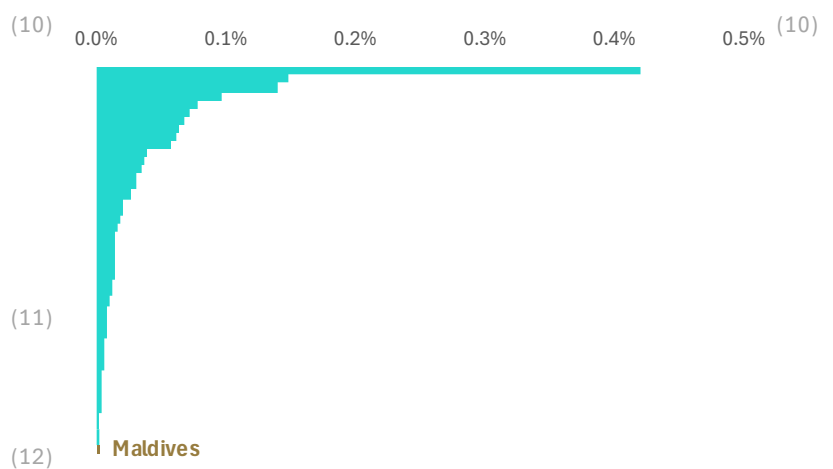
National road vulnerability index ranking (2023)

**114th out of 208 countries**

Share of population in low elevated coastal zones (2018)

**100%**

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

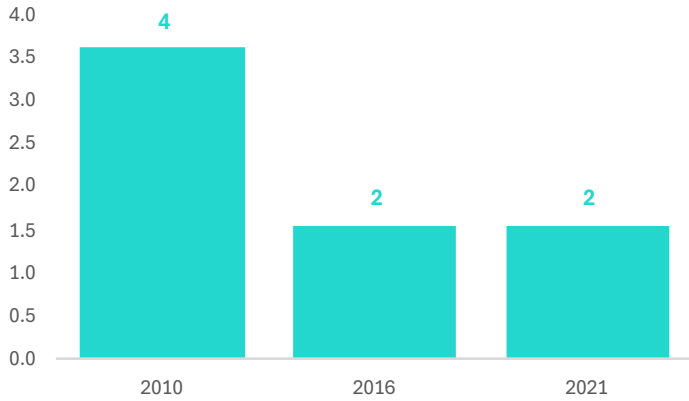


IV. Other Externalities

Road crash fatalities (2021)

7 deaths

Road crash fatality rate per 100 thousand population



Asia-Pacific average is 16 fatalities per 100 thousand population

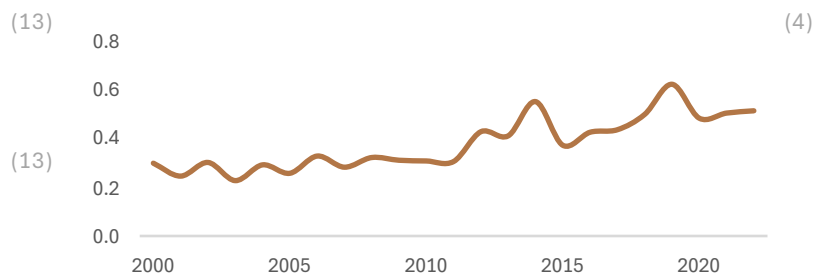
Rural access index (2023)

94%

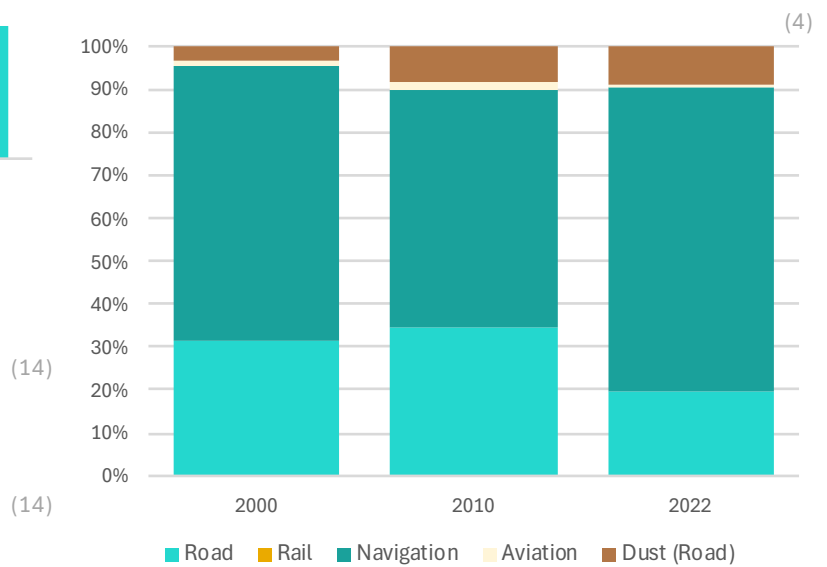
Rural population without access to all-season roads (2023)

17 thousand

Transport PM 2.5 emissions trend, thousand tonnes



Transport PM 2.5 emissions share by source



V. Vehicle Fleet

Road vehicles (2022)

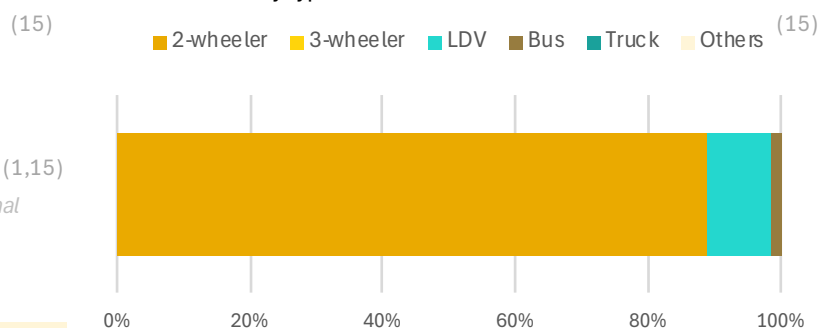
125 thousand vehicles

Road vehicle motorization rate (2022)

239 vehicles per thousand population

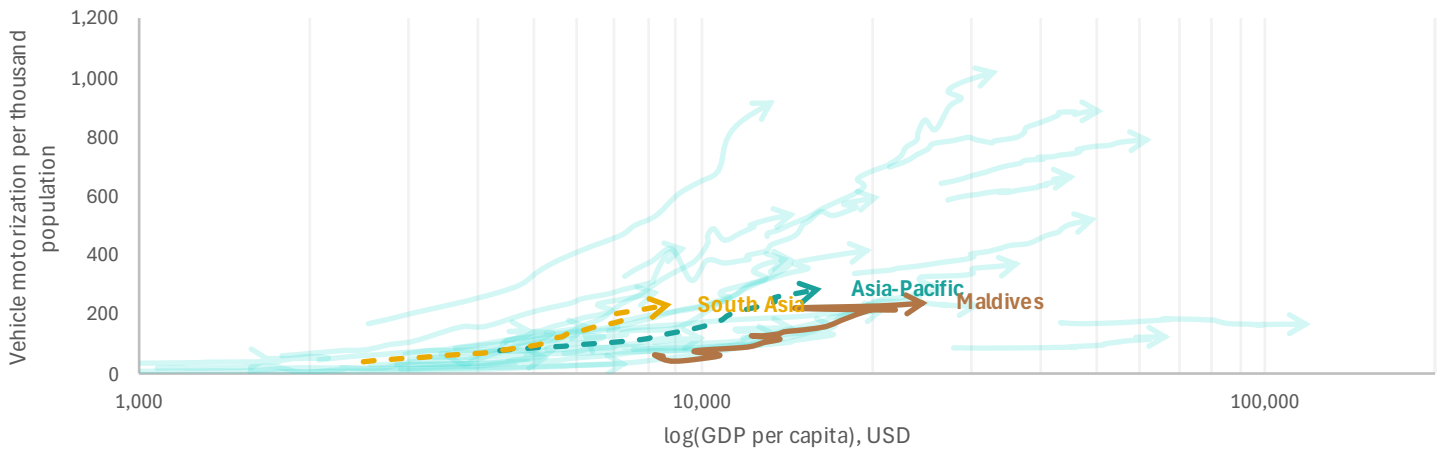
Road vehicles include 2- and 3-wheelers, LDVs, buses and other informal public transport, trucks, and other unclassified types

Share of vehicles by type



In 2000, Maldives had 58 vehicles per thousand population. By 2022, this has increased to 239 compared with Asia-Pacific average of 577 in 2022.

Vehicle motorization per thousand population in Asia-Pacific (2000-2022)



Bus import value (2015-2023)

24.9 million USD

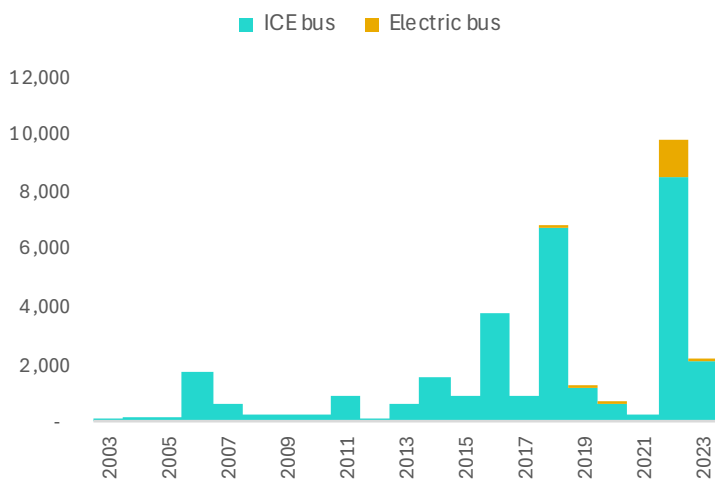
Bus vehicle production, units

(16)

(17)

Bus import value, thousand USD

(16)



E-mobility Readiness Index (2024)

| Technology & Market

13/25

| Policy

5/25

| Energy

20/25

| Financial

13/25

| Overall

51/100

(18)

Electric road vehicle import value (2017-2023)

12.6 million USD

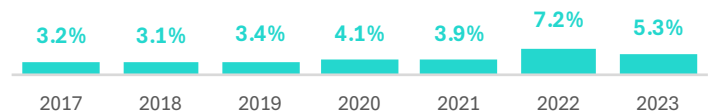
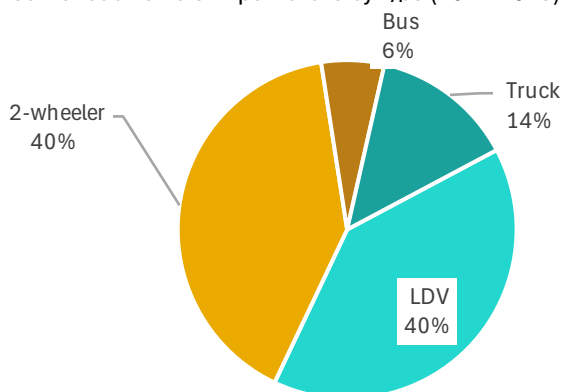
(16)

Electric road vehicle share in total road vehicle import value trend

(16)

Electric road vehicle import share by type (2017-2023)

(16)



VI. Urban Transport

Urban rapid transit length (2021)

BRT	LRT
None	None
Metro	
None	

(19)

(19)

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

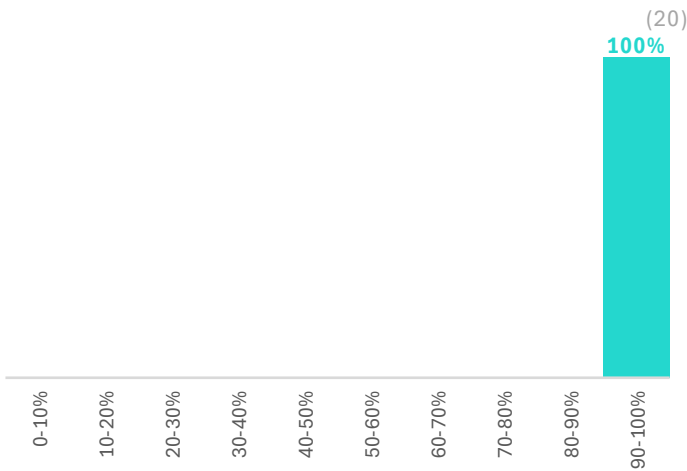
(1,19)

Urban rapid transit ratio (2021)

NA (1,19)

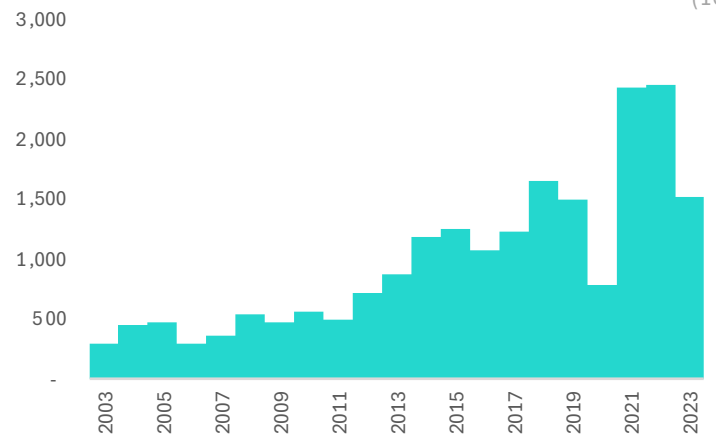
Urban rapid transit ratio, kilometers per million urban population (2000-2021)

Share of cities by level of access to public transport (out of 1 cities)



(20)

Bicycle import value, thousand USD

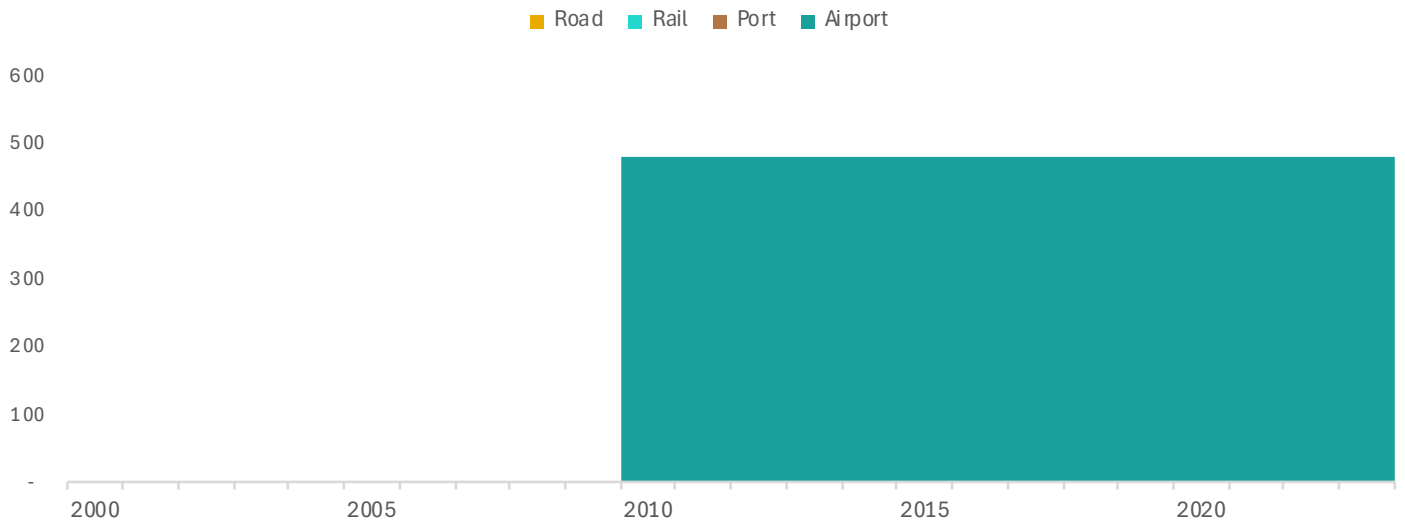


(16)

VII. Transport Investments

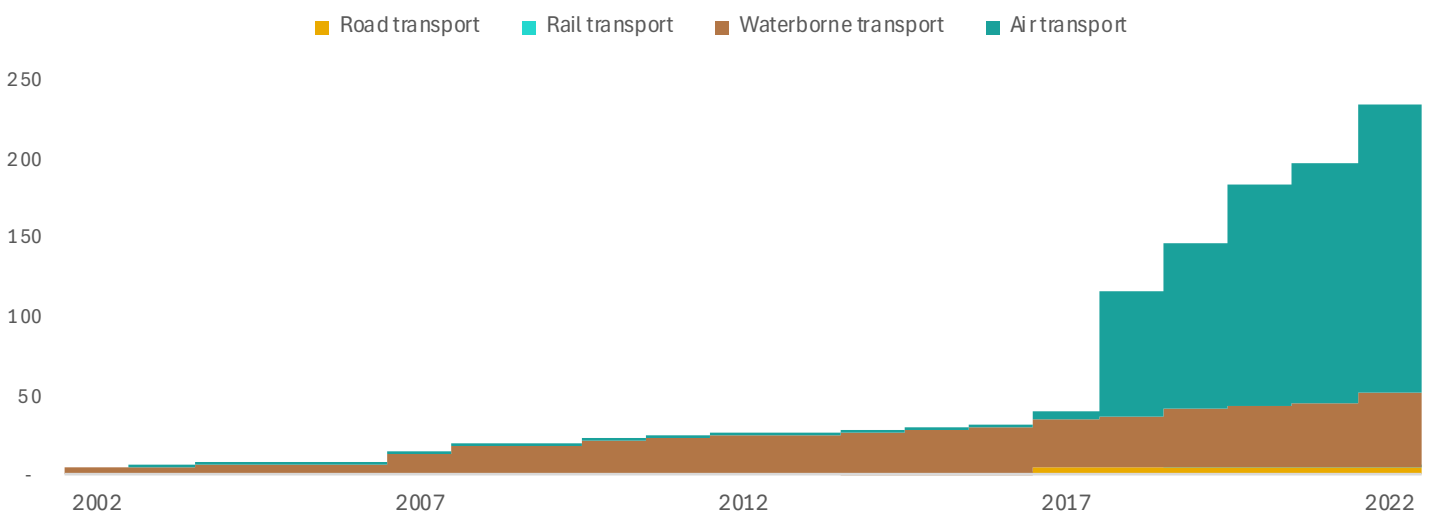
Public-private partnership investments in the transport sector, million USD

(21)

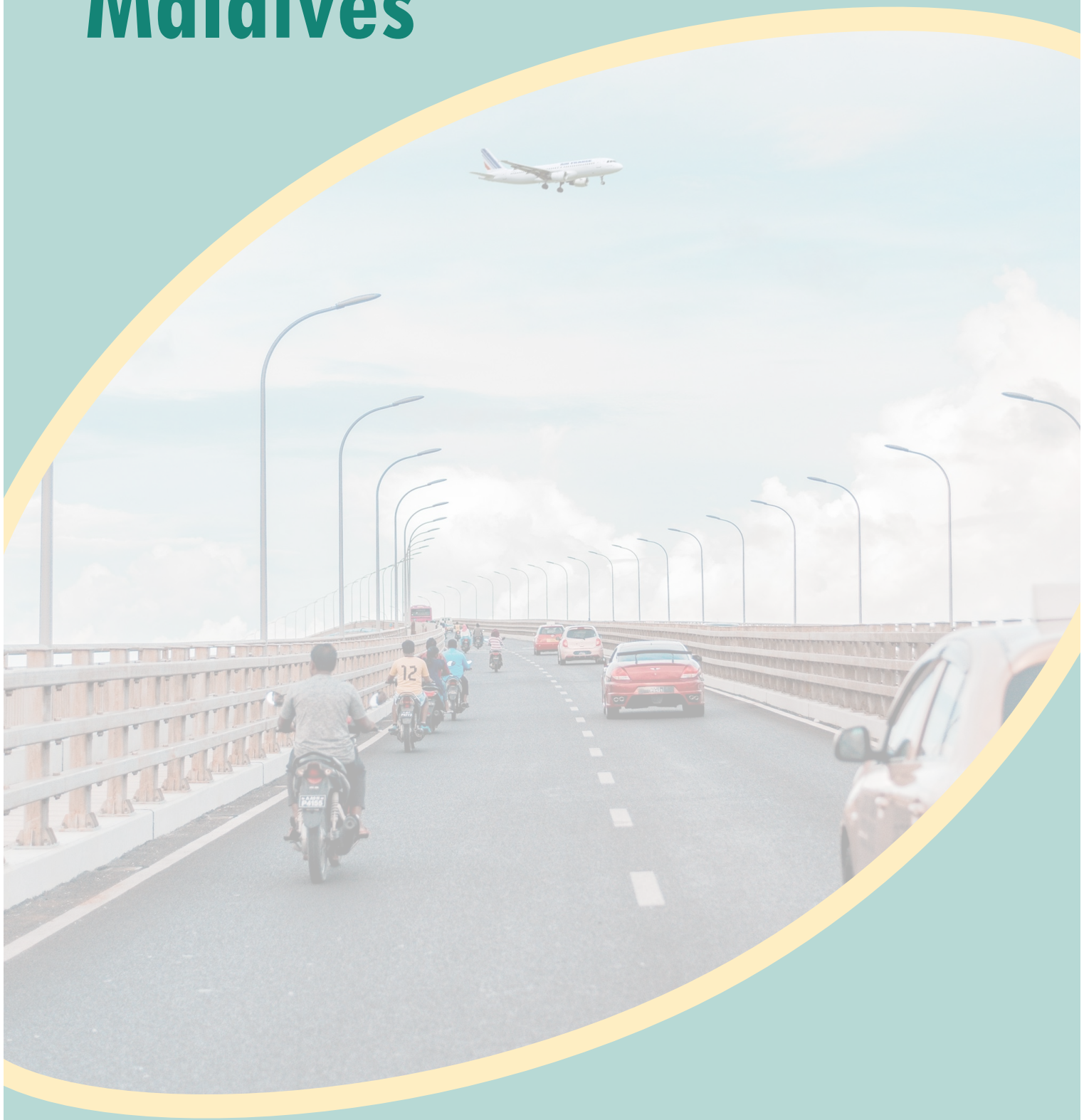


Official development assistance in the transport sector, million USD

(22)



# Policy Insights Maldives



## VIII. Transport and Climate Policy Documents

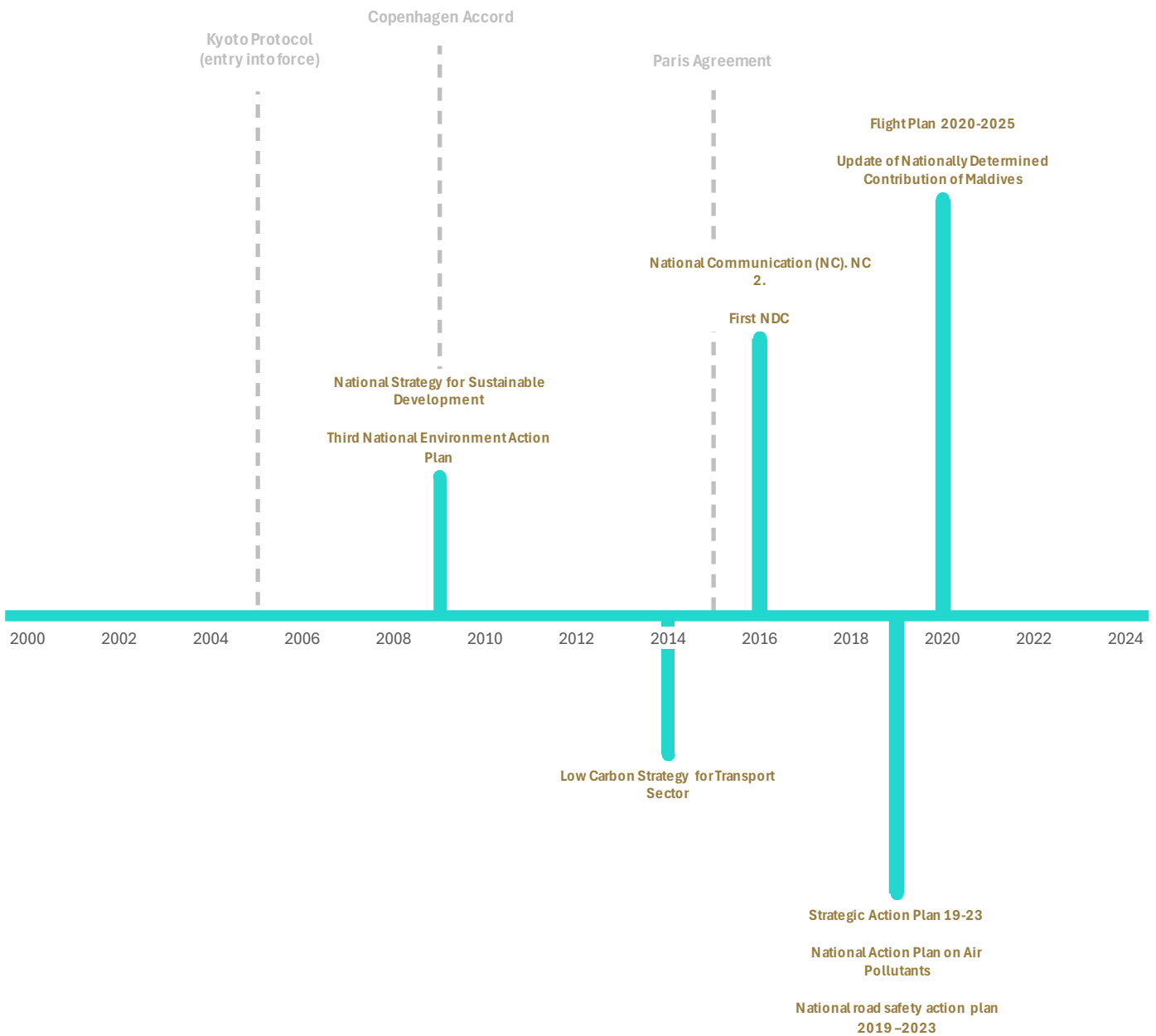
### Transport-related policy documents in Maldives

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

Nationally Determined Contributions of Maldives

2016: First NDC

2020: Update of Nationally Determined Contribution of Maldives





IX. Representation of Transport in Key Climate Policy Documents

Nationally Determined Contributions

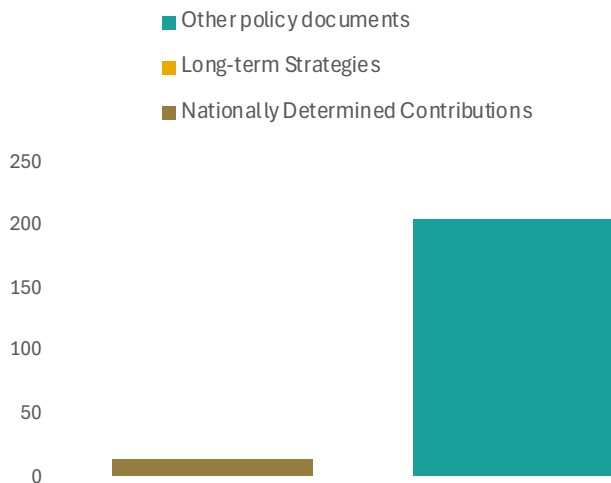
		Road transport	Rail transport	Domestic navigation	Domestic aviation	Urban transport
<i>Update of Nationally Determined Contribution of Maldives (adopted in 2020)</i>	Mitigation measures	Yes		Yes	Yes	
	Mitigation targets					
	Adaptation measures	Yes		Yes	Yes	
	Adaptation targets					

Long-term Strategies

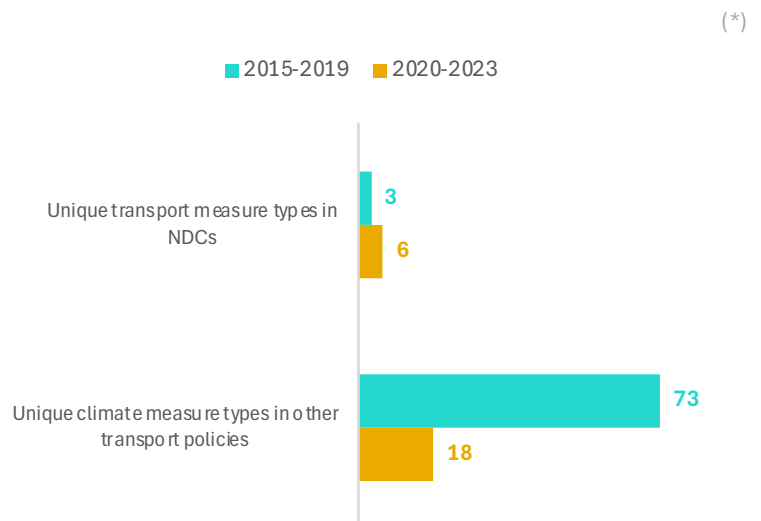
		Road transport	Rail transport	Domestic navigation	Domestic aviation	Urban transport
None	Mitigation measures					
	Mitigation targets					
	Adaptation measures					
	Adaptation targets					

X. Distribution of Transport and Climate Policy Measures in Policy Documents

Number of policy measures by source



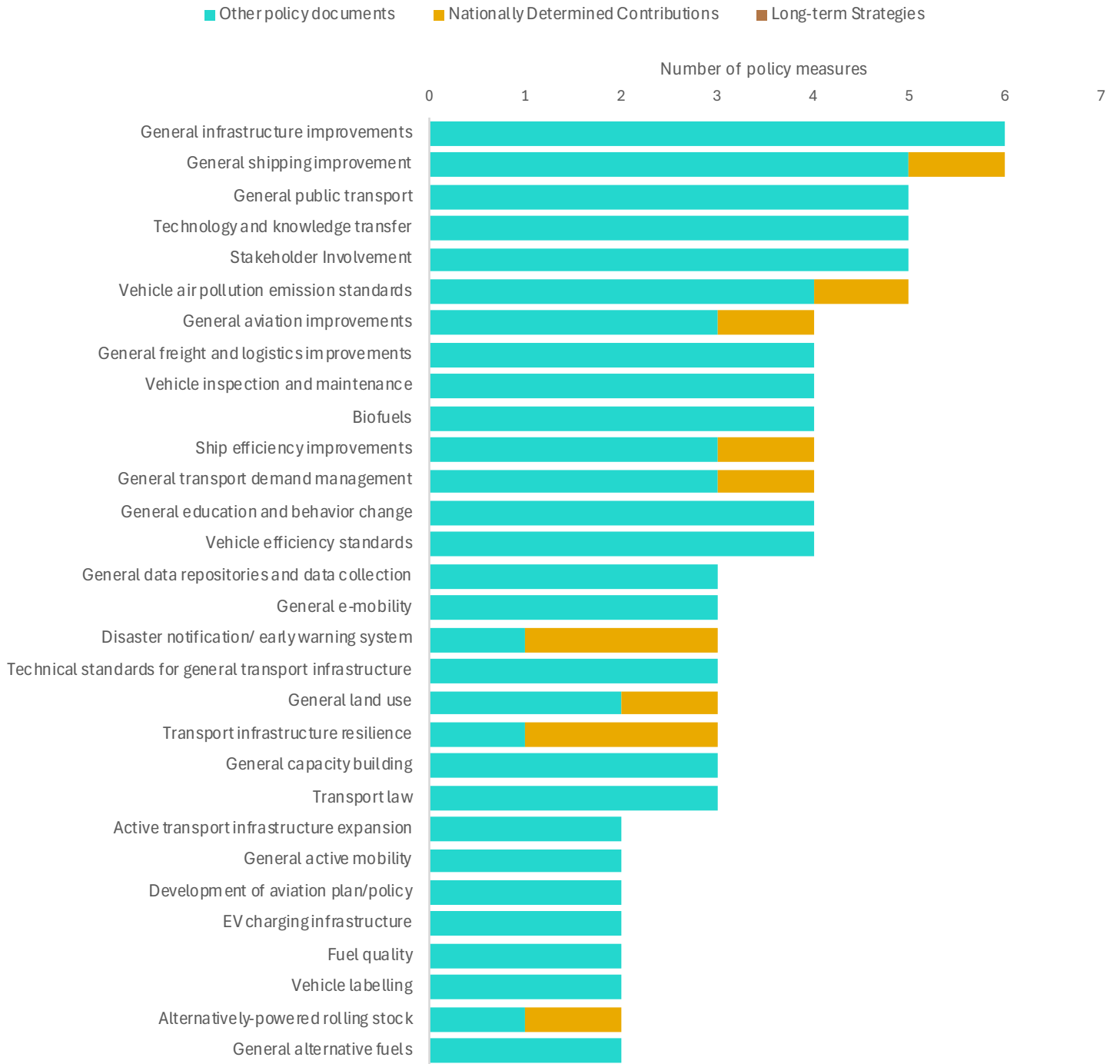
Integration of climate ambition, unique number of policy measures in (\*) NDCs and other transport policies



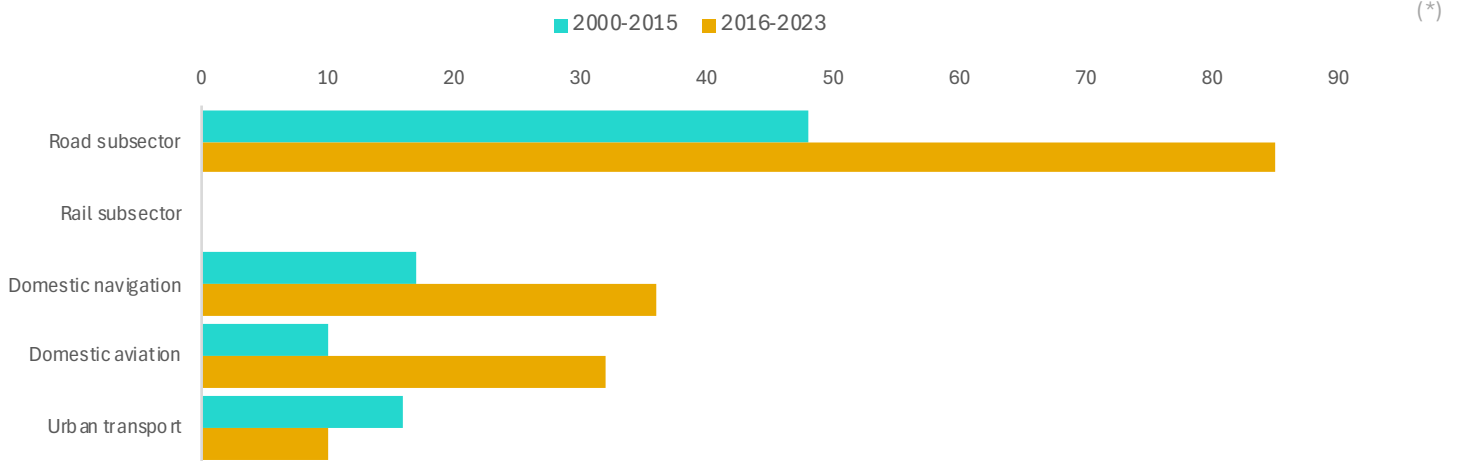
XI. National Policy Priorities on Transport

Priority policy measures on climate change mitigation and adaptation in transport (top 30)

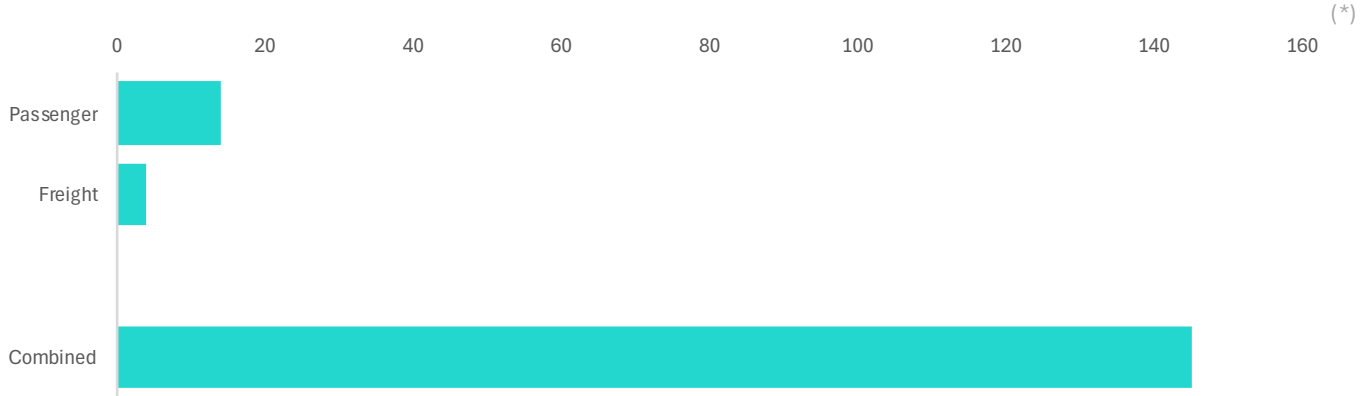
(\*)



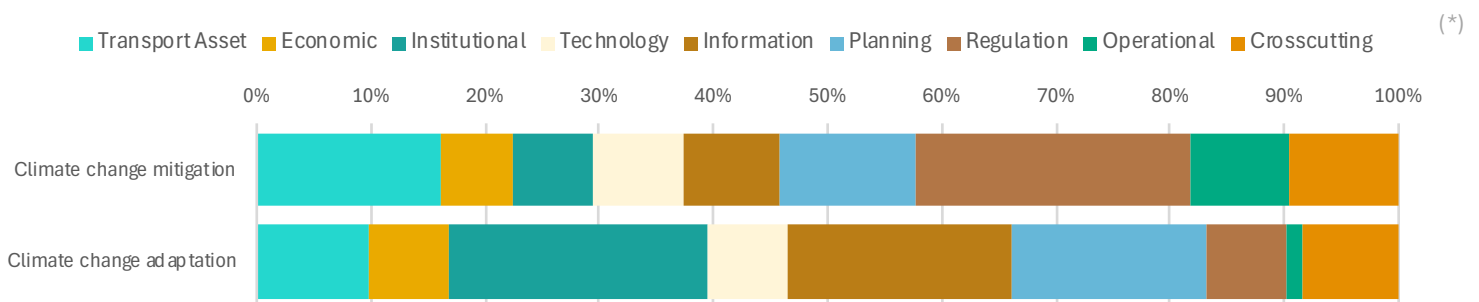
Number of climate change policy measures by subsectors



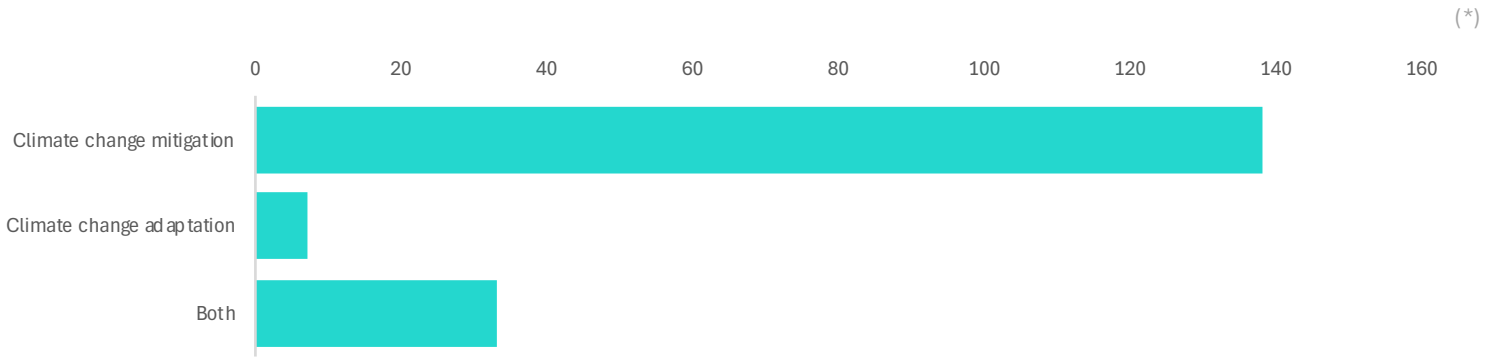
Number of climate change policy measures by passenger vs. freight



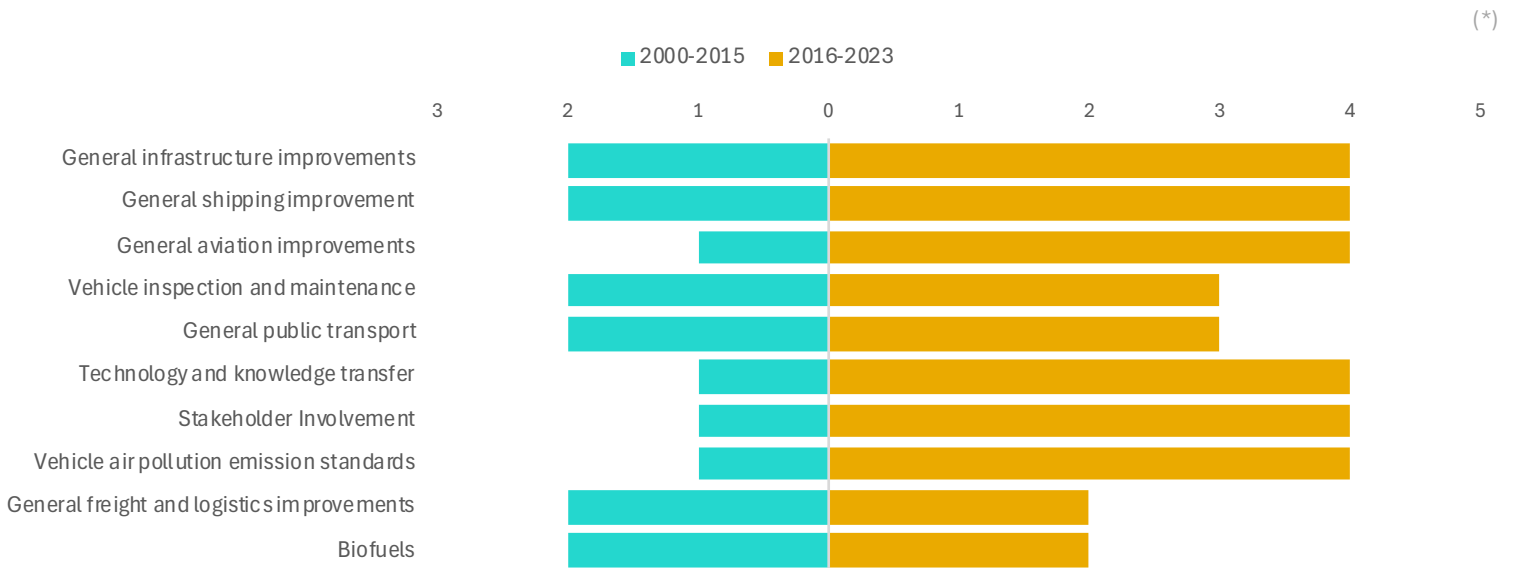
Transport-related climate change policy measures by framework



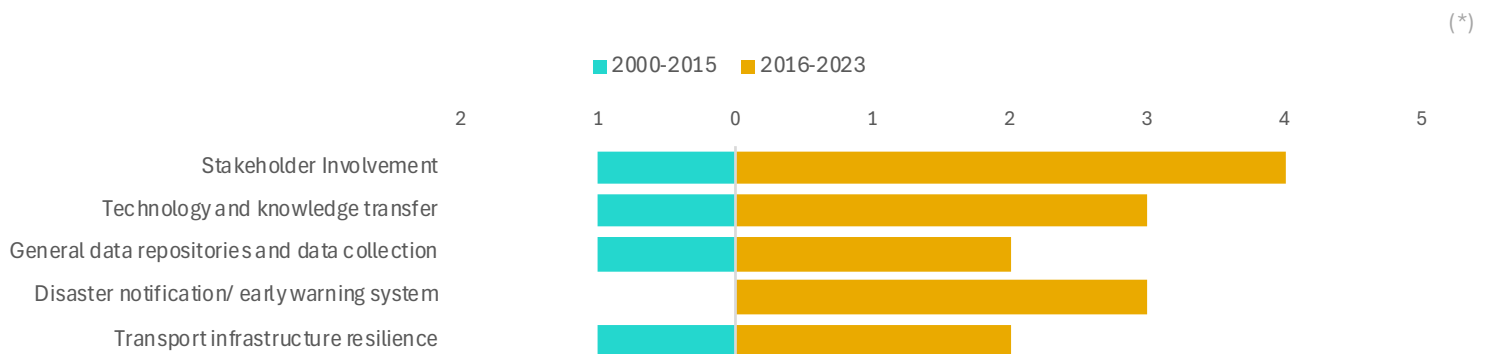
Number of climate change mitigation vs. climate change adaptation policy measures



Climate change mitigation top 10 typology, number of policy measures



Climate change adaptation top 5 typology, number of policy measures



### XIII. Indirect Transport Climate Change Targets

This table shows non-GHG targets as specified in the policy documents in Maldives which indirectly benefit climate change mitigation and adaptation in the transport sector

Document	Year published	Target	Target year
<b>Biofuels</b>			
National Action Plan on Air Pollutants	2019	Bioethanol 15% blend in all gasoline Biodiesel 20% blend in diesel	2025
<b>General public transport</b>			
Strategic Action Plan 19-23	2019	By 2023, at least 60% of the population in the Greater Male' Region utilise public transport services on a regular basis	2023
<b>General shipping improvement</b>			
Strategic Action Plan 19-23	2019	By 2023, at least 60% of maritime incidents are reduced compared to 2018 levels By 2023, 90% of the resident population have access to air connectivity within a 30-minute radius by speed boat	2023
<b>General transport demand management</b>			
Strategic Action Plan 19-23	2019	By 2023, vehicle congestion in Greater Male' Region is reduced by 30% compared to 2018 levels	2023
<b>Renewable energy</b>			
Maldives National Energy Policy and Strategy	2016	By 2030, increase substantially the share of renewable energy in the global energy mix	2030
<b>Vehicle efficiency standards</b>			
Maldives National Energy Policy and Strategy	2016	Economy-wide: BY 2030, double the global rate of improvement in energy efficiency	2030

XIV. Transport and Climate Policy Measures

This table lists the policy measures that relate to climate change mitigation and adaptation in the transport sector that had been identified in the transport policy documents of Maldives

Document	Year published	Measure	Road	Rail	Domestic Navigation	Domestic Aviation	Urban Transport
<b>Alternatively-powered rolling stock</b>							
Update of Nationally Determined Contribution of Maldives	2020	promotion of hybrid-vehicles	x				
Low Carbon Strategy for Transport Sector	2014	Use of Alternative Engines Technologies					
<b>Disaster notification/ early warning system</b>							
First NDC	2016	· Expand and strengthen the meteorological network and weather related early warning system to cover all the communities of the Maldives. · Improve climate forecasting using climate modeling to provide information to support decision making sectors affected by weather and climate variability. · Develop appropriate early warning systems and risk management tools.					
Update of Nationally Determined Contribution of Maldives	2020	Continue strengthening and expansion of the meteorological network and early warning systems to cover the entire archipelago. · Improve the climate and weather forecasting tools for decision making. · Strengthen the early warning systems and risk management tools.					
Strategic Action Plan 19-23	2019	Establish a NAVTEX system including Maritime Safety Information of Navigational and Meteorological warning, meteorological forecast, warnings of missing vessels and other urgent messages pertaining for the safety of the vessel and its crew in line with IMO obligations			x		
<b>General aviation improvements</b>							
First NDC	2016	The Ibrahim Nasir International Airport is planned for expansion to handle additional passenger capacity along with an additional runway				x	
Flight Plan 2020-2025	2020	a. The Maldivian aviation industry will have achieved a continuous reduction of operational safety risks [GASP-G1]; b. Safety regulation will be risk-based, proportional, transparent, consistent and targeted; c. Have developed an effective State Safety Programme (SSP) [GASP-G3][SAP 4.2.4.4a] Consumers will have access to more and better relevant information about price and non-price aspects of their buying decisions Regulated airports will have increased their focus on improving customer experience limit or reduce the number of people affected by significant aircraft noise Place greater emphasis on environmental factors in the selection of floating platforms and construction of aerodromes Ensure consumers have access to quick, fair, and cost-effective complaints handling				x	

XIV. Transport and Climate Policy Measures

This table lists the policy measures that relate to climate change mitigation and adaptation in the transport sector that had been identified in the transport policy documents of Maldives

Document	Year published	Measure	Road	Rail	Domestic Navigation	Domestic Aviation	Urban Transport
International Aviation Climate Ambition Coalition	2021	1. Working together, both through ICAO and other complementary cooperative initiatives, to advance ambitious actions to reduce aviation CO2 emissions at a rate consistent with efforts to limit the global average temperature increase to 1.5°C. 2. Supporting the adoption by ICAO of an ambitious long-term aspirational goal consistent with the above-referenced temperature limit, and in view of the industry’s commitments towards net zero CO2 emissions by 2050. 3. Ensuring the maximum effectiveness of CORSIA, including by: - supporting efforts at ICAO and working with other ICAO member states to implement and strengthen CORSIA as an important measure to address aviation emissions, including to expand participation in CORSIA, and participating in CORSIA as soon as possible, if our state has not done so already. - taking steps domestically to implement Annex 16 Volume IV of the Chicago Convention as fully as possible and in a timely manner, including with respect to enforcement of domestic regulations, legislation, or Implementation arrangements. - advancing the environmental ambition of the scheme in the course of undertaking the CORSIA Periodic Reviews. - working to ensure that double counting is avoided through the host state’s application of corresponding adjustments in accounting for its nationally determined contribution under the Paris Agreement for the mitigation underlying all CORSIA Eligible Emissions Units and, where needed, CORSIA Eligible Fuels, used toward CORSIA compliance. 4. Promoting the development and deployment, through international and national measures, of sustainable aviation fuels that reduce lifecycle emissions and contribute to the achievement of the UN Sustainable Development Goals (SDGs), in particular avoiding competition with food production for land use and water supply. 5. Promoting the development and deployment, through international and national measures, of innovative new low- and zero-carbon aircraft technologies that can reduce aviation CO2 emissions. 6. Preparing up-to-date state action plans detailing ambitious and concrete national action to reduce aviation emissions and submitting these plans to ICAO well in advance of the 41st ICAO Assembly, where such plans have not already been updated in line with ICAO Assembly Resolution A40-18, paragraph 11. 7. Promoting capacity building support for the implementation of CORSIA and other ICAO climate measures, including to advance uptake of freely available tools and to expand regional expertise, accreditation and access to markets for sustainable aviation fuels and CORSIA Eligible Emissions Units. 8. Convening periodically at both ministerial and official levels with a view to advancing and reviewing progress on the above commitments.					x
Low Carbon Strategy for Transport Sector	2014	Promote Low Carbon Aircraft Technology Improved operational practices, including reduced auxiliary power unit usage as well as more efficient flight procedures and weight reduction measures Increase Number of Passengers per Flight Careful planning and design of regional airport hubs could be done so as to reduce the number of flights					x

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Document	Year published	Measure	Road	Rail	Domestic Navigation	Domestic Aviation	Urban Transport
Strategic Action Plan 19-23	2019	Establish floating platforms and auxiliary facilities required for seaplane operations Establish waiting areas for passengers traveling via seaplane at the jetty area of resorts Upgrade international airports in the North and South of Maldives in line with the National Spatial Plan Develop domestic air transportation facilities in line with the National Spatial Plan in order to ensure that all administrative islands are within 30 minute reach Support the adoption of Safety Management Systems (SMS) through trainings and development seminars on SMS twice a year along with scheduled trainings to build capacity both at MCAA and industry Carry out the full implementation of Performance Based Navigation (PBN) Conduct feasibility study to join ICAO CORSIA Programme				X	
<b>General land use</b>							
Update of Nationally Determined Contribution of Maldives	2020	The legislation will facilitate integration of climate change into development planning while considering the economies of scale for public services, land use planning and population consolidation	X		X	X	
Low Carbon Strategy for Transport Sector	2014	integrate transportation and land use planning					
Strategic Action Plan 19-23	2019	Allocate a permanent land area for towed vehicles in Hulhumale', Thilafushi, Laamu Gan and Addu City Designate loading and unloading areas for supply vehicles within Greater Male' Region, through a feasibility study Relocate industrial, mechanical, tinkering, painting and/or welding workshops and godowns to an allocated area as decided through a feasibility study	X				X
<b>General shipping improvement</b>							
First NDC	2016	To increase the capacity and reduce the impacts of high winds and seas to the operation of the port			X		
Low Carbon Strategy for Transport Sector	2014	Development of Hybrid Vessels Promote the Use of Solar Power on Vessels The integrated ferry transport system for Male' Urban Region must replace the existing spoke and hub system, where all ferries must always transit Male' as the hub, as well as reduce idle time at the terminals or harbors.			X		
National Communication (NC). NC 2.	2016	designing and introduction of an efficient public ferry systems for better speed and fuel economy			X		
National Strategy for Sustainable Development	2009	Establish effective solutions for the reduction of harmful impacts of maritime travel such as waste and oil disposal. Technologies needed for the marine transport sector are: scheduled ferry system, regional ports and hubs (integrated tourism and fisheries service centres); organized cargo delivery; hybrid vessels			X		



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Document	Year published	Measure	Road	Rail	Domestic Navigation	Domestic Aviation	Urban Transport
Strategic Action Plan 19-23	2019	Review the existing ferry service network and introduce atoll ferries in line with National Spatial Plan Establish regional and sub-regional boat building facilities in RUCs and SRUCs in line with the National Spatial Plan Establish a dry-docking facility to repair and build vessels Establish a National Shipping Line in Maldives Draft and develop a proposal for the development of Pilot station near “Bandos Maagaa” Establish a hydrographic service to promote the use of hydrography for the safety of navigation and to update navigational charts of Maldives territorial waters [ Establish Vessel Traffic Service (VTS) within Male’ Port Area Facilitate seafarer’s identity document formulation Formulate and enforce regulation on wreckage and wreck removal Establish a dry-docking facility to repair and build vessels			X		
<b>General transport demand management</b>							
Update of Nationally Determined Contribution of Maldives	2020	establishment of efficient transport management system	X		X	X	
Low Carbon Strategy for Transport Sector	2014	Increase Control on Transportation Demand Management	X				X
Strategic Action Plan 19-23	2019	Review and revise regulations to address road congestion, vehicle importation, management of emission levels, traffic violations, and management of parking, with a specific focus on easing congestion in urban centres	X				X
<b>Relocation from climate-risk areas</b>							
First NDC	2016	the commercial port would be relocated to a different island called Thilafushi.			X		
<b>Ship efficiency improvements</b>							
Update of Nationally Determined Contribution of Maldives	2020	Establishment of vehicle/vessels emissions standard			X		
Biennial update report (BUR). BUR 1	2019	introduce energy efficient vessels as well as renewable energy vessels into their operations. (private sector)			X		
Low Carbon Strategy for Transport Sector	2014	Promote Low Carbon Vessel Technology			X		
National Action Plan on Air Pollutants	2019	Develop vessel emission standards			X		
<b>Transport infrastructure resilience</b>							
First NDC	2016	coastal protection measure would be carried out to protect the shoreline of Hulhule (the Airport Island) as well as for other air and sea ports. the impacts of high winds and seas to the operation of the port,					
Update of Nationally Determined Contribution of Maldives	2020	Enhancing the resilience and climate proofing of critical infrastructure such as airports, ports, powerhouses and other utilities etc. Increase resiliency through better spatial planning and increased connectivity between the islands.	X		X	X	

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Document	Year published	Measure	Road	Rail	Domestic Navigation	Domestic Aviation	Urban Transport
Strategic National Action Plan for Disaster Risk Reduction and Climate Change Adaptation 2010-2020	2010	Initiating the development of a reliable inter-island transport network.	X		X	X	
<b>Vehicle air pollution emission standards</b>							
<b>Update of Nationally Determined Contribution of Maldives</b>	<b>2020</b>	<b>Establishment of vehicle/vessels emissions standard</b>	X		X		
National Action Plan on Air Pollutants	2019	Revise vehicle emission standards	X				
National Communication (NC). NC 2.	2016	introduce emission standards and labelling for road transport	X				
National Strategy for Sustainable Development	2009	air quality emissions testing vehicle inspection and monitoring equipment	X				
Strategic Action Plan 19-23	2019	Review and revise regulations to address road congestion, vehicle importation, management of emission levels, traffic violations, and management of parking, with a specific focus on easing congestion in urban centres Review and revise emission standards to enforce the road worthiness standards Provide recommendations to the relevant authorities on setting fuel emission standards for vessels, vehicles and aircrafts Develop national standards on fuel quality, vehicle and vessel emissions	X		X	X	X
<b>Access restriction by corridor/ road</b>							
Low Carbon Strategy for Transport Sector	2014	Promote Vehicle Free Days and Islands	X				X
<b>Accreditation of driver training agencies</b>							
Strategic Action Plan 19-23	2019	Conduct systematic audits of the existing Maritime Training Institutions to check compliance on International Maritime Organisation (IMO) standards on training, certification, and watch keeping			X		
<b>Active transport infrastructure expansion</b>							
Low Carbon Strategy for Transport Sector	2014	Designate Lanes for Bicycles and Push bikes	X				X
Third National Environment Action Plan	2009	By 2011, establish bicycle lanes on all developed roads and advocate cycling	X				
<b>Alternative trip schedules</b>							
Low Carbon Strategy for Transport Sector	2014	Synchronizing working hours with school study hours, relocating large offices, and streamlining civic administration to reduce number of visits people are required for routine tasks (i.e. paying electricity, water bills for instance) through information technology (such as internet and mobile phones)	X				X
<b>Biofuels</b>							
Low Carbon Strategy for Transport Sector	2014	Use of bioFuels					

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Document	Year published	Measure	Road	Rail	Domestic Navigation	Domestic Aviation	Urban Transport
National Action Plan on Air Pollutants	2019	Explore financial scheme to finance bioethanol blend Promote bioethanol fuel to use in transport instead of gasoline Introduce mechanism for import and distribute bioethanol fuel Promote biodiesel fuel to use in transport instead of diese					
National Strategy for Sustainable Development	2009	By 2015 not less than 10 % of transport fuel should consist of biofuels, as an indicative target, considering raising their proportion to 20% by 2020.	x		x	x	
<b>Bus fleet renewal</b>							
Strategic Action Plan 19-23	2019	Review and modify buses and bus terminals to ensure passenger safety and accessibility, with a specific focus on PWDs, pregnant women, people with young children, and senior citizens	x				
<b>Coordinate planning across government agencies</b>							
Flight Plan 2020-2025	2020	Establish a mechanism of providing streamlined technical guidance, advise, position and opinion to government agencies on aviation and matters related to aviation Ensure coordination between relevant ministries, agencies and industry to remove unnecessary obstacles and delays and improve efficiency and service levels of air transport services Review and ensure conformity by all relevant agencies with the provision of ICAO Annex 9				x	
<b>Design standards for sidewalks and bicycle paths</b>							
Global Status Report on Road Safety 2018	2018	Partial	x				
<b>Development density or intensiveness</b>							
Low Carbon Strategy for Transport Sector	2014	Population Consolidation in Urban Planning					
<b>Development of active transport plan/ policy</b>							
National Strategy for Sustainable Development	2009	In urban centres, councils should develop and implement urban transport plans and road side tree planting to make roads pleasant for pedestrians	x				x
<b>Development of aviation plan/policy</b>							
Flight Plan 2020-2025	2020	Maintain a liberal aviation policy that benefits tourism, trade and promotes competition, allows Maldivian carriers to expand and maintain a vibrant Maldivianbased aviation industry				x	
Strategic Action Plan 19-23	2019	Identify islands that require seaplane services to meet the requirements of the National Spatial Plan				x	
<b>Development of climate change/ low carbon plan/ policy</b>							
Low Carbon Strategy for Transport Sector	2014	Formulation of Transport System Efficiency Strategies Formulate Low Carbon Intensive Standards for Boat Building Formulation of Low Carbon Master Plan for Transport Sector	x		x	x	

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Document	Year published	Measure	Road	Rail	Domestic Navigation	Domestic Aviation	Urban Transport
Maldives Climate Change Policy Framework	2015	Prepare a sectoral low emission development plan to reduce GHG emission. - Transport Develop comprehensive plans and policies to reduce GHG emissions from the transport sector	x		x	x	
<b>Development of public transport plan/ policy</b>							
Strategic Action Plan 19-23	2019	Formulate a comprehensive public transportation plan through consultancy services of a Transport Engineer, to address congestion through application of technology and scientific principles to the planning, functional design, operation, and management of infrastructure and facilities providing public transportation to the Greater Male' Region	x				
<b>Development of shipping/ maritime/ inland water transport (IWT) plan/ policy</b>							
Strategic Action Plan 19-23	2019	Position Hithadhoo and Kulhudhuffushi ports as global port hubs through consolidated and strategic marketing plans Formulate a concept to develop a Cruise Terminal in Male' Region with input from respective stakeholders in line with the National Spatial Plan Formulate a concept to attract international boat builders, specially luxury yacht builders to the Maldives			x		
<b>Development of transport plan/ policy</b>							
National Strategy for Sustainable Development	2009	In urban centres, councils should develop and implement urban transport plans and road side tree planting to make roads pleasant for pedestrians	x				x
<b>Ecodriving</b>							
Low Carbon Strategy for Transport Sector	2014	Promote EcoDriver Behavior	x				
<b>Emission standards for aircraft</b>							
Flight Plan 2020-2025	2020	limit or reduce the impact of aviation emissions on local air quality limit or reduce the impact of aviation greenhouse gas emissions on the global climate Pursue efficiency improvements in the Maldivian airspace to reduce environmental impact of aviation				x	
<b>Emissions trading and carbon pricing</b>							
Low Carbon Strategy for Transport Sector	2014	Establish Carbon Trading					
<b>Employment in transport, communication, and storage</b>							
Strategic Action Plan 19-23	2019	Conduct awareness and information dissemination to school leavers on employment prospects and job opportunities within the seafaring industry Coordinate with job centres to promote employment opportunities in the industry			x		

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Document	Year published	Measure	Road	Rail	Domestic Navigation	Domestic Aviation	Urban Transport
<b>Energy efficient vehicle purchase incentives</b>							
Low Carbon Strategy for Transport Sector	2014	Formulate Policies to Incentivize the Purchase of Eco-friendly Products in Transport Sector Introduce Subsidies, Taxes and Tax breaks to incentivize low carbon transportation	x				
<b>EV charging infrastructure</b>							
Low Carbon Strategy for Transport Sector	2014	Decarbonized smart electric grids and electric charging infrastructure are critical to the realization of low-carbon transport goals	x				
National Communication (NC). NC 2.	2016	promote the use of low emission vehicles such as bicycles, hybrids, and electric vehicles with dedicated RE-based charging stations	x				
<b>Express lanes/ public transport priority</b>							
Low Carbon Strategy for Transport Sector	2014	Designation of Cycling and Bus Routes	x				x
<b>Financial instruments to support decarbonisation</b>							
Low Carbon Strategy for Transport Sector	2014	Reduce Government Expenditure on Fossil Fuels Introduce Subsidies, Taxes and Tax breaks to incentivize low carbon transportation					
<b>Fiscal incentives for EVs and components</b>							
Low Carbon Strategy for Transport Sector	2014	Introduce Subsidies, Taxes and Tax breaks to incentivize low carbon transportation	x				
<b>Fuel quality</b>							
Low Carbon Strategy for Transport Sector	2014	Establishment of Fuel Quality Testing Mechanisms					
National Action Plan on Air Pollutants	2019	Detailed survey and/or analysis of imported fuel quality Develop fuel quality standards					
<b>General active mobility</b>							
National Communication (NC). NC 2.	2016	promote the use of low emission vehicles such as bicycles, hybrids, and electric vehicles with dedicated RE-based charging stations	x				
National Strategy for Sustainable Development	2009	In urban centres, councils should develop and implement urban transport plans and road side tree planting to make roads pleasant for pedestrians	x				x
<b>General alternative fuels</b>							
Low Carbon Strategy for Transport Sector	2014	Promote the Use of Low Carbon Fuel Technology and Alternatives to Fossil Fuels					
National Strategy for Sustainable Development	2009	Develop a long term and coherent fuel-strategy for transport needs across the Maldives					
<b>General capacity building</b>							

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Document	Year published	Measure	Road	Rail	Domestic Navigation	Domestic Aviation	Urban Transport
Flight Plan 2020-2025	2020	Have built a capacity, both at the CAA and industry, to support the adoption of safety management systems in the industry The CAA will have strengthened its safety oversight capabilities Attract and retain an adequate number of appropriately skilled staff and optimize their capability and performance				x	
Low Carbon Strategy for Transport Sector	2014	Build Human Capacity at Relevant Government Agencies					
Strategic Action Plan 19-23	2019	Strengthen infrastructural and institutional capacity in pilotage services in Male' Port and establish pilotage services in Hithadhoo Port Strengthen infrastructural and institutional capacity of anchorage services, including waste management in Greater Male' Region and develop anchorage service area in Hithadhoo Port Conduct local vessel surveyor training courses to all staff of local councils in collaboration with the PSTI Train Marine Officers in Engineering and Deck Departments Enhance capacity of officers working in regional ports through targeted training programmes on port management Strengthen the infrastructural and technical capacity in transfer and demolition of vehicles in the towyard facilities in enforcement of regulatory requirements	x		x		
<b>General commuter trip reduction</b>							
Low Carbon Strategy for Transport Sector	2014	Reduce Transportation Activity Reducing demand for transport to Male' from outer islands shall be a priority. Synchronizing working hours with school study hours, relocating large offices, and streamlining civic administration to reduce number of visits people are required for routine tasks (i.e. paying electricity, water bills for instance) through information technology (such as internet and mobile phones)	x				x
<b>General data repositories and data collection</b>							
Flight Plan 2020-2025	2020	The CAA will have collected vital data and statistics in key air transport areas and achieved optimum balance of capacity utilisation				x	
Low Carbon Strategy for Transport Sector	2014	Gathering, Management and Sharing information on Roads, Traffic and Travel Data Establish Mechanisms for Collection of Statistics	x				
National Action Plan on Air Pollutants	2019	Collect primary and secondary data Build national vehicle emissions inventory Build national vessel emissions inventory	x		x		
<b>General e-mobility</b>							
Low Carbon Strategy for Transport Sector	2014	Promote Hybrid Vehicles Promoting Electro-mobility Introduction of Fuel Cells	x				
National Communication (NC). NC 2.	2016	promote the use of low emission vehicles such as bicycles, hybrids, and electric vehicles with dedicated RE-based charging stations	x				
Strategic Action Plan 19-23	2019	Procure solar powered and/or battery operated taxis, buses, and charging stations	x				

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Document	Year published	Measure	Road	Rail	Domestic Navigation	Domestic Aviation	Urban Transport
Flight Plan 2020-2025	2020	Route allocation amongst Maldivian carriers will be based on economic assessments The CAA will have promulgated economic regulations such that consumer and competition issues will be identified and resolved in a more structured and consistent manner				X	
Strategic Action Plan 19-23	2019	Explore options to harmonise airfare rates between locals and tourists Revise and sustain the reductions brought to domestic airfare to reduce the financial burden on locals				X	
<b>General education and behavior change</b>							
Low Carbon Strategy for Transport Sector	2014	Promote low carbon transport modes as “Smart Choices” in order to influence people’s behavior towards more sustainable modes. Promote Public Awareness on Low Carbon Transport. Awareness Programs to Reduce Negative Public Pressure	X		X		X
National road safety action plan 2019 –2023	2019	Conduct a behavioral outcome survey	X				
National Strategy for Sustainable Development	2009	measures to effect a shift towards lower transport intensity through production and logistic process reengineering and behavioural change combined with a better connection of the different transport modes. With a view to halving road transport deaths as well as reducing the number of injured in road traffic, increasing road safety by improving road infrastructure, by making vehicles safer, by promoting awareness campaigns with a view to changing road user behavior, and effective driving lessons and testing.	X		X	X	
Strategic Action Plan 19-23	2019	Conduct periodic awareness sessions to students enrolled in higher secondary and above, on road safety, ethics, road courtesy, and first aid	X				
<b>General freight and logistics improvements</b>							
Flight Plan 2020-2025	2020	Unrestricted access for dedicated cargo services/operation with seventh freedom rights				X	
Low Carbon Strategy for Transport Sector	2014	Establish ferry links for freight logistics for tourist resorts.			X		
National Strategy for Sustainable Development	2009	measures to effect a shift towards lower transport intensity through production and logistic process reengineering and behavioural change combined with a better connection of the different transport modes. Network and establish links for freight logistics, for tourist resorts	X		X	X	
Strategic Action Plan 19-23	2019	Upgrade port facilities to include logistical services between regional ports and peripheries, facilities to store perishables and eliminate bottlenecks in the ports Set up a robust monitoring mechanism to ensure safe transportation and storage of chemicals, flammables, timber, and other dangerous cargo Create transport inter-linkages with economic hubs identified across the country			X	X	
<b>General infrastructure improvements</b>							
Biennial update report (BUR). BUR 1	2019	Introduction of low emission transport networks by 2050					

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Flight Plan 2020-2025	2020	Implement an independent internal Quality Management System within the CAA as a short-term objective and obtain ISO 9001 approval in the long term				X	
Low Carbon Strategy for Transport Sector	2014	Maximizing the Potential and Attractiveness of Low Carbon Transport					
National Development Plan (ppt)	2019	Convenient, reliable, comfortable and affordable accessibility					
National Strategy for Sustainable Development	2009	improve the economic and environmental performance of all modes of transport With a view to halving road transport deaths as well as reducing the number of injured in road traffic, increasing road safety by improving road infrastructure, by making vehicles safer, by promoting awareness campaigns with a view to changing road user behavior, and effective driving lessons and testing.	X		X	X	
Strategic Action Plan 19-23	2019	Provide school bus services in population centres in line with national spatial plan Provide efficient transport access from primary to tertiary care Ensure availability of regular and reliable transportation for commute from nearby local islands to resort of employment Develop a cruise terminal in the Greater Male' Region	X		X		
<b>General IPT/ paratransit measures</b>							
Strategic Action Plan 19-23	2019	Introduce government subsidised public transport service (mini-bus service, taxis and school buses)	X				
<b>General parking measures</b>							
Low Carbon Strategy for Transport Sector	2014	Introduce Parking Spaces and Parking Management through Urban Planning	X				X
Strategic Action Plan 19-23	2019	Review and revise regulations to address road congestion, vehicle importation, management of emission levels, traffic violations, and management of parking, with a specific focus on easing congestion in urban centres Review and revise the building code regulation to facilitate parking inside the building Explore PPP opportunities for paid parking, especially for four wheelers	X				X
<b>General public transport</b>							
Low Carbon Strategy for Transport Sector	2014	Establish Public Land Transport Network Establish Public Maritime Transport Network Improve Public Air Transport Network	X		X	X	X
National road safety action plan 2019 –2023	2019	Strengthen Public transport system	X				
Strategic Action Plan 19-23	2019	Conduct feasibility assessments, alongside energy efficiency and fuel consumption analysis in providing public transportation through ferry and bus services Introduce government subsidised public transport service (mini-bus service, taxis and school buses)	X		X		
Third National Environment Action Plan	2009	By 2011, establish an integrated, energy efficient public passenger transport service.	X		X		
<b>General transport asset management</b>							



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Low Carbon Strategy for Transport Sector	2014	Re-engineer Roads for Low Carbon Transport	x				
<b>General transport finance</b>							
Flight Plan 2020-2025	2020	Improve financial management while delivering a quality service				x	
Strategic Action Plan 19-23	2019	Facilitate private sector investments to operate ferry services Establish the Aids to Navigation Fund to be an independent fund maintained by the Maldives Transport Authority Revise and sustain the reductions brought to domestic airfare to reduce the financial burden on locals			x	x	
<b>General transport institutional reform</b>							
Strategic Action Plan 19-23	2019	Establish National Professional Naval Architect Committee in order to approve existing boat builders Establish an independent authority under the Maldives Civil Aviation Act to that would act as the investigative body in air and aircraft accidents			x	x	
<b>General vehicle improvements</b>							
National road safety action plan 2019 –2023	2019	Strengthen vehicle safety features and systems mandatory through legislation	x				
<b>Hydrogen</b>							
Low Carbon Strategy for Transport Sector	2014	Use of Hydrogen					
<b>Intelligent transport systems (ITS)</b>							
Strategic Action Plan 19-23	2019	Strengthen the “Miami” mobile application through data integration of ferry schedules across the country			x		
<b>Intermodality measures</b>							
National Development Plan (ppt)	2019	Intermodal (air, land and marine), integrated transportation network covering the archipelago	x		x	x	
<b>Investment required for specific projects</b>							
Low Carbon Strategy for Transport Sector	2014	Investment in Low Carbon Fuel Research					
<b>LPG/ CNG/ LNG</b>							
National Strategy for Sustainable Development	2009	using natural gas or LPG, hybrid vehicles,	x				
<b>National speed law</b>							
Global Status Report on Road Safety 2018	2018	Yes	x				
<b>Number of vehicle registration limit</b>							
National Communication (NC). NC 2.	2016	capping of the number of vehicles for islands	x				

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Document	Year published	Measure	Road	Rail	Domestic Navigation	Domestic Aviation	Urban Transport
Strategic Action Plan 19-23	2019	Formulate and enforce a robust vehicle control mechanism, including issuance of certificate of entitlement to register vehicles in the Greater Male' Region	x				x
<b>Port infrastructure improvements</b>							
National Strategy for Sustainable Development	2009	Focus on possible alternatives to transport to Male' for freight and passengers including the appropriate development of the regional ports as hubs. Technologies needed for the marine transport sector are: scheduled ferry system, regional ports and hubs (integrated tourism and fisheries service centres); organized cargo delivery; hybrid vessels			x		
Strategic Action Plan 19-23	2019	Allocate land and construct central ferry terminals in RUCs and SRUCs, and ferry terminals in all administrative islands in line with National Spatial Plan Facilitate efficient movement of ferry passengers at arrivals and departures Establish Regional Commercial Domestic Ports in RUCs and sub-regional Commercial Harbors in SRUCs in line with National Spatial Plan Provide harbour and jetty services in all administrative islands in line with National Spatial Plan Establish ancillary facilities within the ports Upgrade port facilities to include logistical services between regional ports and peripheries, facilities to store perishables and eliminate bottlenecks in the ports			x		
<b>Public transit integration</b>							
National Strategy for Sustainable Development	2009	Establish an integrated public passenger transport	x		x		
<b>Reference to finance mechanisms within country</b>							
Low Carbon Strategy for Transport Sector	2014	Establish Sustainable Financing Mechanisms to Foster Low Carbon Transportation					
National Action Plan on Air Pollutants	2019	Explore financial scheme to finance bioethanol blend Explore financial scheme to finance bioethanol blend Introduce mechanism to import and distribute biodiesel fuel					
<b>Reporting, transparency, feedback mechanism</b>							
Flight Plan 2020-2025	2020	Industry will have increased participation in ICAO-recognised industry assessments					x
Strategic Action Plan 19-23	2019	Develop Maritime Online Platform designed for modularity, enhanced coordination and communication between the port and the public, and ship reporting			x		
<b>Road infrastructure expansion</b>							
Strategic Action Plan 19-23	2019	Establish causeways and/or mini bridges in interlinked islands for connectivity in line with National Spatial Plan	x				
<b>Road space repurpose to allow access for other modes</b>							

XIV. Transport and Climate Policy Measures

This table lists the policy measures that relate to climate change mitigation and adaptation in the transport sector that had been identified in the transport policy documents of Maldives

Document	Year published	Measure	Road	Rail	Domestic Navigation	Domestic Aviation	Urban Transport
Low Carbon Strategy for Transport Sector	2014	Designation of Cycling and Bus Routes	x				x
<b>Road-side vehicle technical checks</b>							
National Strategy for Sustainable Development	2009	air quality emissions testing vehicle inspection and monitoring equipment	x				
<b>Routine transport asset maintenance</b>							
National road safety action plan 2019 –2023	2019	Conduct mandatory road safety audit at regular intervals and periodically	x				
<b>Speed limit on rural roads &lt;= 70 kph</b>							
Global Status Report on Road Safety 2018	2018	30 km/h	x				
<b>Speed limits on urban roads &lt;= 30 kph</b>							
Global Status Report on Road Safety 2018	2018	30 km/h	x				x
<b>Stakeholder Involvement</b>							
Flight Plan 2020-2025	2020	The CAA will contribute to the achievement of safety objectives through increased collaboration with regional aviation safety groups, ICAO and EASA Stakeholders will have more focused and effective input into our consultations through a better targeted and more open process Maintain close and constructive working relationships with the Government and other agencies Foster strong working relationships with the international aviation community				x	
Low Carbon Strategy for Transport Sector	2014	Formulate Policies to Foster Public-Private Partnership					
National Action Plan on Air Pollutants	2019	Stakeholder meetings					
National road safety action plan 2019 –2023	2019	Build technical capacity of relevant stakeholders in relation to road safety implementation	x				
Strategic Action Plan 19-23	2019	Formulate a concept to develop a Cruise Terminal in Male’ Region with input from respective stakeholders in line with the National Spatial Plan Conduct air service consultations with states those are potentially important to Maldivian tourism, trade, and public interest			x	x	
<b>Target - Net zero, carbon neutrality, and other long-term climate action</b>							
Flight Plan 2020-2025	2020	CAA will aim to achieve a carbon-neutral growth for international flights from 2020 onwards through the implementation of the ICAO CORSIA.				x	
Third National Environment Action Plan	2009	Informed decision making on becoming carbon neutral					
<b>Target - Transport GHG emission</b>							

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National Strategy for Sustainable Development	2009	Reduce CO2 emissions from light vehicles - the average car fleet should achieve CO2 emissions of 140g/km by 2015.	x				
Third National Environment Action Plan	2009	By 2015, reduce the transport sector greenhouse gas emissions by 25%	x		x	x	
<b>Technical standards for general transport infrastructure</b>							
Flight Plan 2020-2025	2020	Rulemaking will take into account common and proven international standards					x
National road safety action plan 2019 –2023	2019	Enforce the current safety standards and regulations for all categories of existing vehicles	x				
Strategic Action Plan 19-23	2019	Formulate and enforce regulations on maritime security in line with the International Ship and Port Facility Security (ISPS) Code Formulate and enforce regulation on Port State Control and a regulation on implementing International Safety Management Code (ISM Code) for ships and ships operating with Maldives flag Formulate and enforce regulation on the selection and authorisation of classification societies acting on behalf of the Flag State for Maldivian Flagged Vessels in line with the Recognised Organisation (RO) Code and a regulation on the investigation of Marine accidents in line with the Marine Accidents and Casualty Investigation Code Formulate and enforce regulation on ship equipment used in Maldivian Flagged Vessels Formulate and enforce a regulation on the investigation of marine accidents in line with Marine Accidents and Casualty Investigation Code Formulate and enforce regulations concerning the procedures for the determination of offences committed by ships and other maritime vessels Formulate and enforce regulations on tonnage measurement on ships, load line of commercial vessels, and prevention of collisions at sea in line with the International Regulation for Preventing Collision at Sea Formulate and enforce regulations for NAVigational TEleX (NAVTEX) system for local and foreign vessels, Vessel Traffic Service in Male’ Area, ship reporting and a regulation for Hydrography service in the Maldives Review and revise existing ferry regulations in line with National Spatial Plan Review and revise the existing ‘Open Registry/ Luxury Vessel Registration Regulation’ Strengthen the Port Clearance Regime in line with international best practices			x		
<b>Technical standards for road infrastructure</b>							
National road safety action plan 2019 –2023	2019	Incorporate international standards / National legislations are followed in Improve existing road infrastructure Incorporate safety system in all stages of road development	x				
<b>Technology and knowledge transfer</b>							

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Flight Plan 2020-2025	2020	Have adopted technologies and current international standards to ensure tangible safety benefits as well as capacity and efficiency improvements to Maldivian airspace Implement knowledge and information management systems that allows CAA to refine its evidence-based decision-making capability				x	
Low Carbon Strategy for Transport Sector	2014	Introduction of Smaller and Smarter Vehicles Technologies Synchronizing working hours with school study hours, relocating large offices, and streamlining civic administration to reduce number of visits people are required for routine tasks (i.e. paying electricity, water bills for instance) through information technology (such as internet and mobile phones)	x				x
Maldives National Energy Policy and Strategy	2016	Economy-wide: By 2030, enhance international cooperation to facilitate access to clean energy research and technology, including renewable energy, energy efficiency and advanced and cleaner fossil-fuel technology, and promote investment in energy infrastructure and clean energy technology					
National Development Plan (ppt)	2019	Clean technology and health conscious					
Strategic Action Plan 19-23	2019	Formulate a comprehensive public transportation plan through consultancy services of a Transport Engineer, to address congestion through application of technology and scientific principles to the planning, functional design, operation, and management of infrastructure and facilities providing public transportation to the Greater Male' Region	x		x		x
<b>Teleworking</b>							
Strategic Action Plan 19-23	2019	Develop and train to use internet-based systems for women to work from home					
<b>Traffic management</b>							
Low Carbon Strategy for Transport Sector	2014	Traffic Management to Relieve Congestion at Male	x				x
National road safety action plan 2019 –2023	2019	Strengthen traffic enforcement	x				
<b>Training of enforcement authorities</b>							
National Action Plan on Air Pollutants	2019	Propose enforcing mechanism and provide training to enforcers	x				
<b>Transport law</b>							
Flight Plan 2020-2025	2020	Strengthened CAA's ability to take enforcement action where there is a serious and imminent risk to public safety The CAA will have worked with the relevant agencies to promulgate a passenger rights Act The CAA will have revised the primary legislations on the safety of civil aviation Enforcement policy will focus industry's attention on addressing risks to the consumer				x	
Low Carbon Strategy for Transport Sector	2014	Establish Stringent Laws, Regulations, standards and plans to regulate low carbon transport					

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Strategic Action Plan 19-23	2019	Enact Maritime Authority Law to develop a separate administration with maritime related mandate Enact Port Law and associated regulations Formulate and enforce the appropriate legal framework to facilitate National Shipping Line in Maldives Review and revise the Maritime Act (Law Number 69/1978) to streamline with Merchant Shipping Law Enact and enforce Maritime Labour Convention Law Enact Prevention of Pollution of the Sea Law Enact Civil Liability and Compensation for Oil Including Bunker Pollution Law Enact Protection of Life and Property at Sea Law Formulate a legal framework to regularise private port facilities Review and revise the License Regulation to accommodate International License Permit Review and revise the Maldives Civil Aviation Act (2001/2) to assign full autonomy to the Maldives Civil Aviation Authority (MCAA) in ensuring safety of the sector Formulate and enforce Airport and Air Navigation Service (ANS) Charges Regulation as per the ICAO's Economic Policies and Guidelines Enact Passenger Rights Law to compensate passengers from flight cancellation, delays and off-loading			x	x	
<b>Travel time improvement</b>							
Low Carbon Strategy for Transport Sector	2014	Synchronizing working hours with school study hours, relocating large offices, and streamlining civic administration to reduce number of visits people are required for routine tasks (i.e. paying electricity, water bills for instance) through information technology (such as internet and mobile phones)	x				
<b>Vehicle efficiency standards</b>							
Low Carbon Strategy for Transport Sector	2014	Increase Fuel Economy and Energy Efficiency Achieve Fuel Economy through Lower Carbon Intensive Modes Formulate Laws and Regulations on Emission Standards for the Transport Sector	x				
Maldives National Energy Policy and Strategy	2016	Developing and enforcing standards for exhaust emissions for power plants, vehicles and vessels that use fossil fuel in order to improve air quality	x				
National Strategy for Sustainable Development	2009	Improve energy efficiency in the transport sector by making use of cost-effective instruments.	x				
<b>Vehicle import inspections</b>							
National road safety action plan 2019 –2023	2019	Ensure all vehicles imported are in accordance with the national and international safety standards	x				
Road Safety Opportunities and Challenges: Low- and Middle-Income Country Profiles	2020	Yes	x				
Strategic Action Plan 19-23	2019	Review and revise regulations to address road congestion, vehicle importation, management of emission levels, traffic violations, and management of parking, with a specific focus on easing congestion in urban centres	x				x
<b>Vehicle inspection and maintenance</b>							
Low Carbon Strategy for Transport Sector	2014	Regulate Vehicle Inspections and Air Quality Emissions Testing	x				

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National Action Plan on Air Pollutants	2019	, test emissions using PEMS Explore best maintenance practices for motorbikes Establish maintenance service providers that are easily accessible in all parts of the country.	x				
National Strategy for Sustainable Development	2009	air quality emissions testing vehicle inspection and monitoring equipment	x				
Road Safety Opportunities and Challenges: Low- and Middle-Income Country Profiles	2020	Periodic inspection is in effect	x				
Strategic Action Plan 19-23	2019	Review and revise regulations on the principles regarding inspection and quality standards on Maritime Training and Certification Strengthen the monitoring of road worthiness centres and enforce authorisation of road worthiness	x		x		
<b>Vehicle labelling</b>							
Low Carbon Strategy for Transport Sector	2014	Develop an EnvironmentallyFriendly Vehicle (EFV) Rating system	x				
National Communication (NC). NC 2.	2016	introduce emission standards and labelling for road transport	x				
<b>Vehicle restrictions (import, age, access, sale, taxation)</b>							
Low Carbon Strategy for Transport Sector	2014	Introduce limits on the Importation and Use of Vehicles and Vessels Banning the import of reconditioned vehicles is a priority	x				
Strategic Action Plan 19-23	2019	Review and revise the regulation to address the age of vehicles imported into the country	x				
<b>Vehicle scrappage scheme</b>							
Strategic Action Plan 19-23	2019	Strengthen the infrastructural and technical capacity in transfer and demolition of vehicles in the towyard facilities in enforcement of regulatory requirements	x				
<b>Vehicle taxes</b>							
Low Carbon Strategy for Transport Sector	2014	Provide Tax Breaks for Low Carbon Technology - The introduction of vehicles standards based of emissions and introduction of incentives in the form of reduced tax for efficient vehicles	x				

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