

Nepal

Transport Climate Profile

Population (2024)
31.2 million

Urban population
22%

Below 18 y.o.
36%

Population density
216 persons per sqkm

Rural population
78%

Above 60 y.o.
9%

Subregion
(1) South Asia

Gross domestic product
(GDP PPP, 2022)
(1) 144.39 billion USD

Domestic consumption per capita, tonnes (2024)
(1) 6.9 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.*

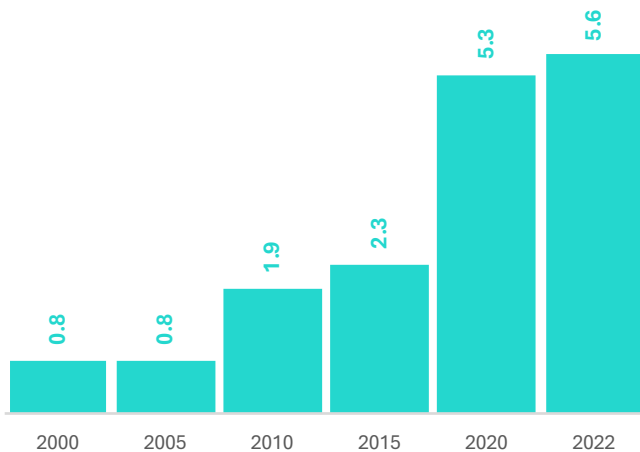
Income class
Low and lower middle income

GDP per capita (PPP, 2022)
4,727 USD (1,2)
(2)

(3)

Transport and Climate Change

Transport fossil CO2 emissions, million tonnes



(4)

In 2010, transport contributed 40.6% of total fossil CO2 emissions. By 2022, transport contributed 35.5%.

Share of transport CO2 emissions by mode (2022)

| Road **99.2%** | Rail **0.0%** (4)

| Navigation **0.0%** | Aviation **0.8%** (4)

Navigation and aviation only includes domestic transportation

Between 2000-2015, road transport contributed 100.0% in transport fossil CO2 emissions. Between 2016-2022, road transport contributed 99.0%.

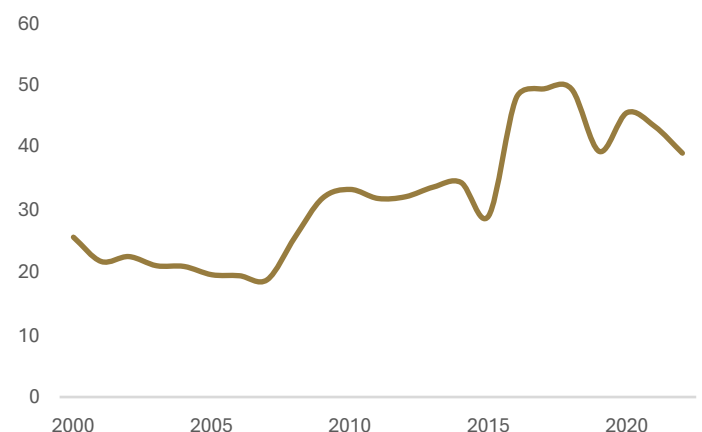
Transport CO2 emissions intensity with GDP, 2022
39 gCO2 per USD

Asia-Pacific average is 33.2 gCO2 per USD

(2,4)

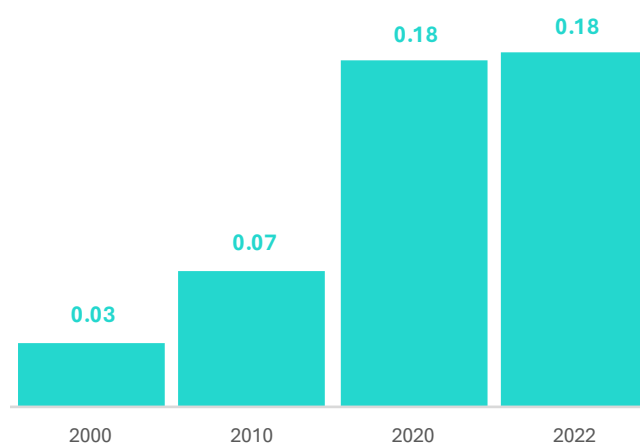
Transport CO2 emissions intensity with GDP trend, gCO2 per USD

(2,4)

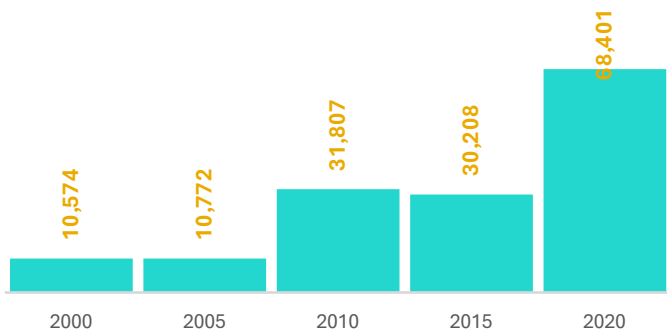


(1,4)

Transport fossil CO2 emissions per capita, tonnes



Transport energy consumption, terajoules

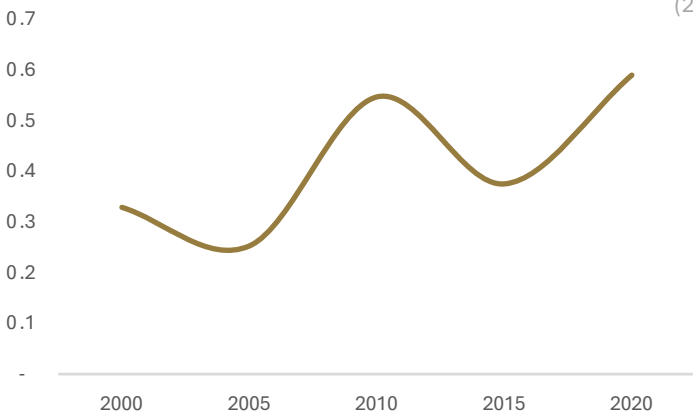


Transport energy intensity with GDP, 2020

0.6 MJ per USD

Asia-Pacific average is 0.5 MJ per USD

Transport energy intensity with GDP trend, MJ per USD

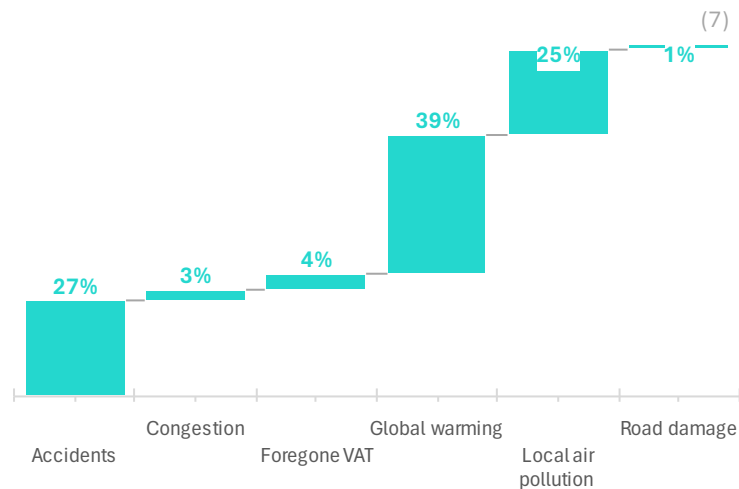


Transport fossil fuel subsidies, cumulative from 2010 to 2022

None

0.0% of Asia-Pacific total

Implicit fossil fuel subsidies due to externalities



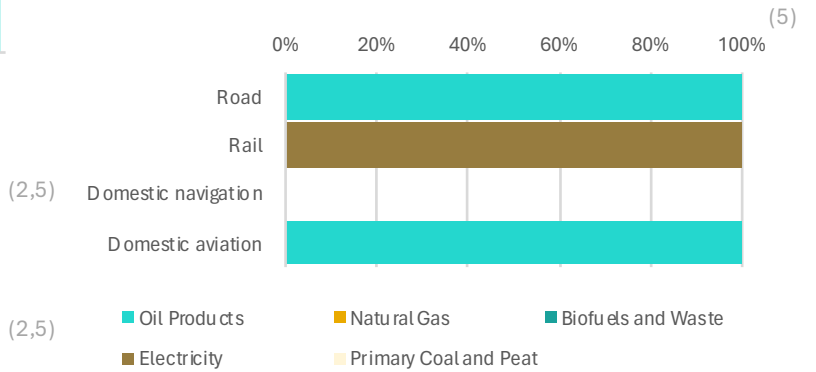
Data includes all sectors and all fuel types

Share of transport energy consumption by mode (2020)



Navigation and aviation only includes domestic transportation

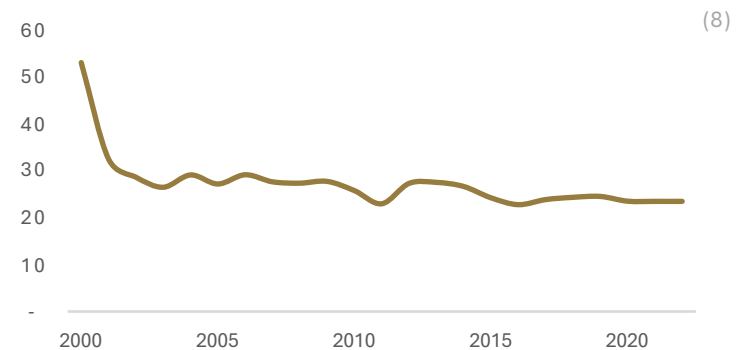
Share of transport energy consumption by source (2020)



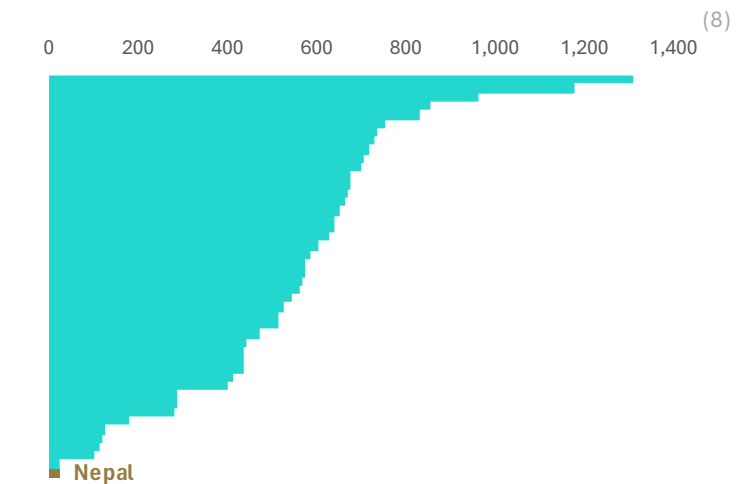
Grid emission factor (2022)

23.4 gCO2 per kWh

Grid emission factor trend, gCO2 per kWh



Grid emission factors in Asia-Pacific, gCO2 per kWh



Vehicle Fleet

Road vehicles (2023)
n.d.

Road vehicle motorization rate (2023)
n.d.

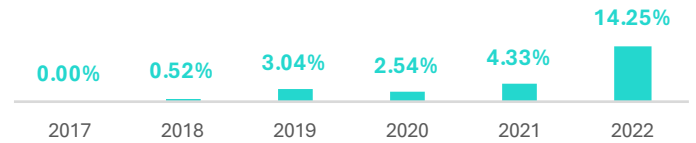
Road vehicles include 2- and 3-wheelers, LDVs, buses and other informal public transport, trucks, and other unclassified types

Electric road vehicle import value (2017-2022)

(9) | Total **158.1 million USD** | Hybrid-electric **19.5 million USD** (11)

(1,9) Electric road vehicle share in total road vehicle import value trend (11)

Share of vehicles by type

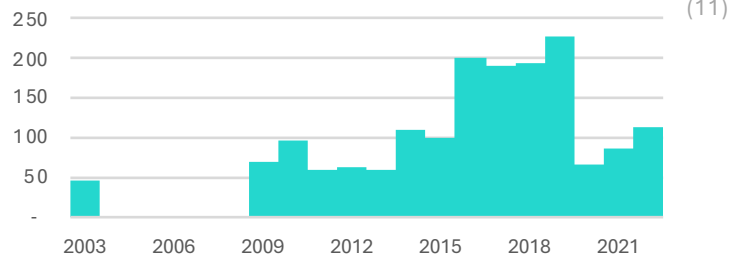


Bus import value (2017-2022)

131.6 million USD (11)

Bus vehicle production, units

(10) Bus import value trend, assuming 2015=100 (11)



Adaptation

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

13.87 million USD

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

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

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

Road	Rail
96%	4%
Ports	Airports
0%	1%

(13)

National road vulnerability index ranking (2023)

153rd out of 208 countries

(14)

Share of population in low elevated coastal zones (2018)

n.d.

(15)

Urban Transport

Urban rapid transit length (2021)

| BRT **None** | LRT **None**

| Metro **None** (16)

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

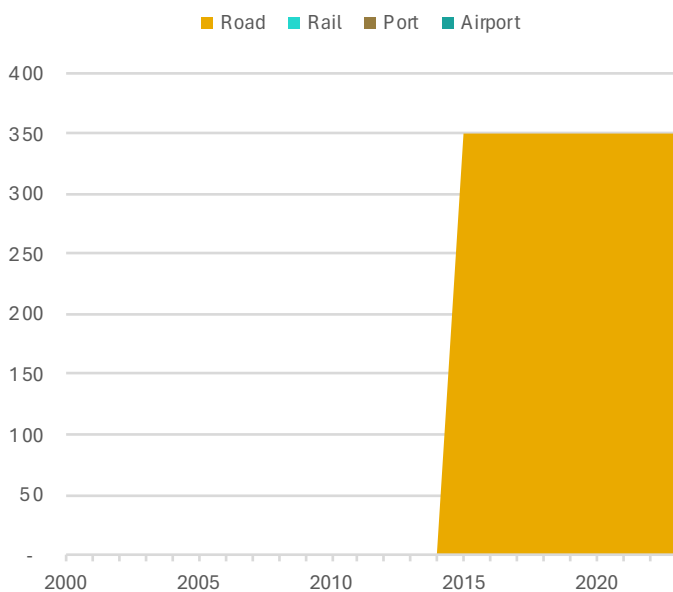
Urban rapid transit ratio (2021) **NA** (1,16)

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

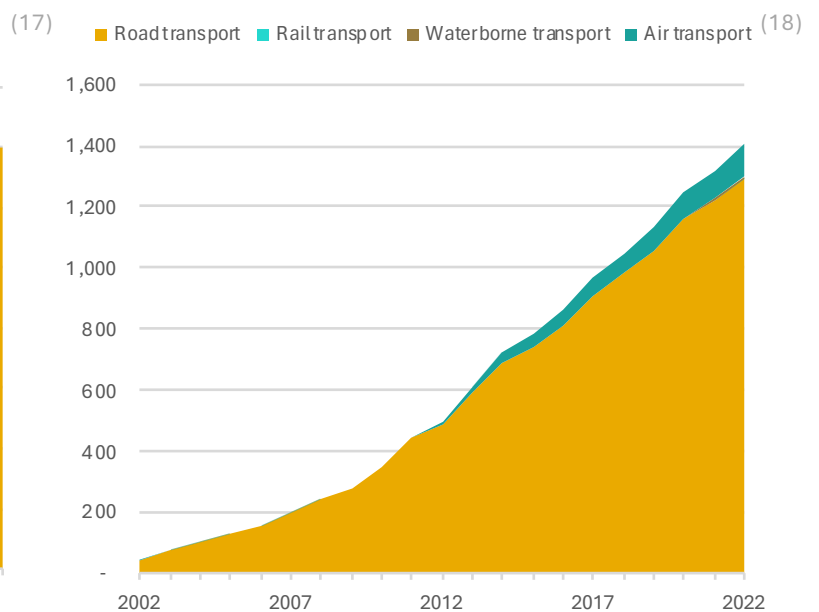
Based on 2015 estimates, only 46% of the population could reach the nearest city in 30 minutes, another 20% could reach in 1 hour, and another 21% could reach only after 3 hours.

Transport Investment

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

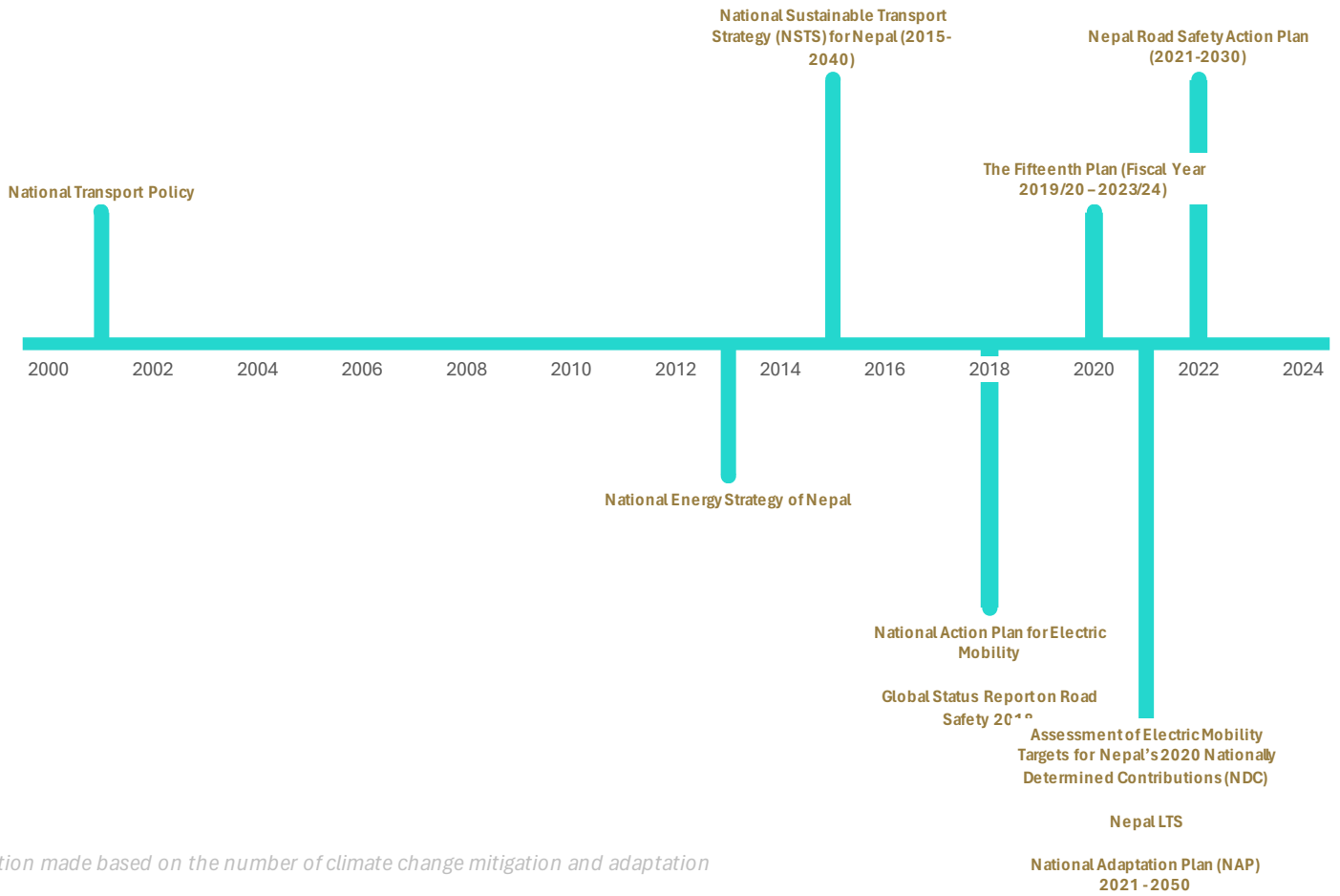


Official development assistance in the transport sector, million USD



Transport Climate Policy Documents

Transport-related policy documents in Nepal



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
Second Nationally Determined Contribution (adopted in 2020)	Mitigation measures					
	Mitigation targets	Yes	Yes			Yes
	Adaptation measures					
	Adaptation targets					

Long-term Strategies

		Road transport	Rail transport	Domestic navigation	Domestic aviation	Urban transport
Nepal LTS (adopted in 2021)	Mitigation measures	Yes	Yes		Yes	Yes
	Mitigation targets	Yes	Yes			
	Adaptation measures					
	Adaptation targets					

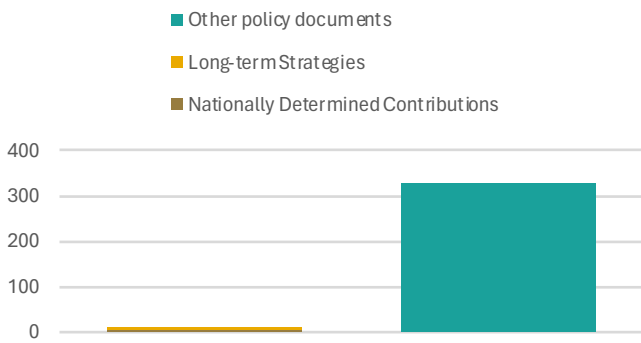


Developed with the support of:

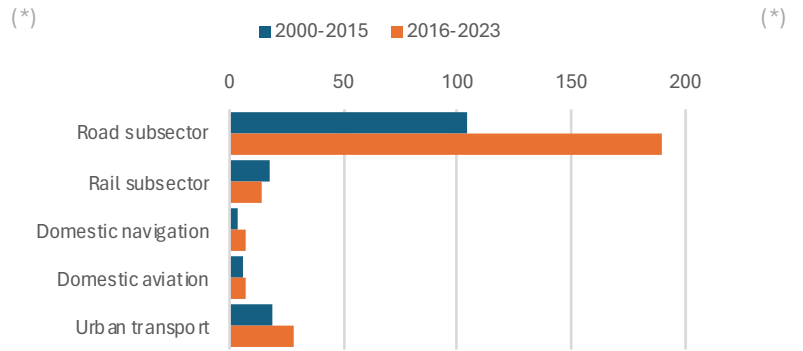


Transport Climate Policy Overview

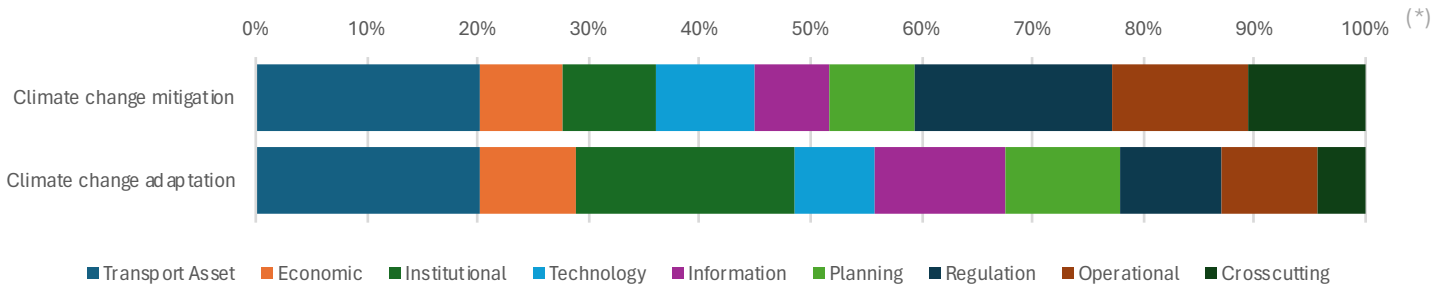
Number of measures by source



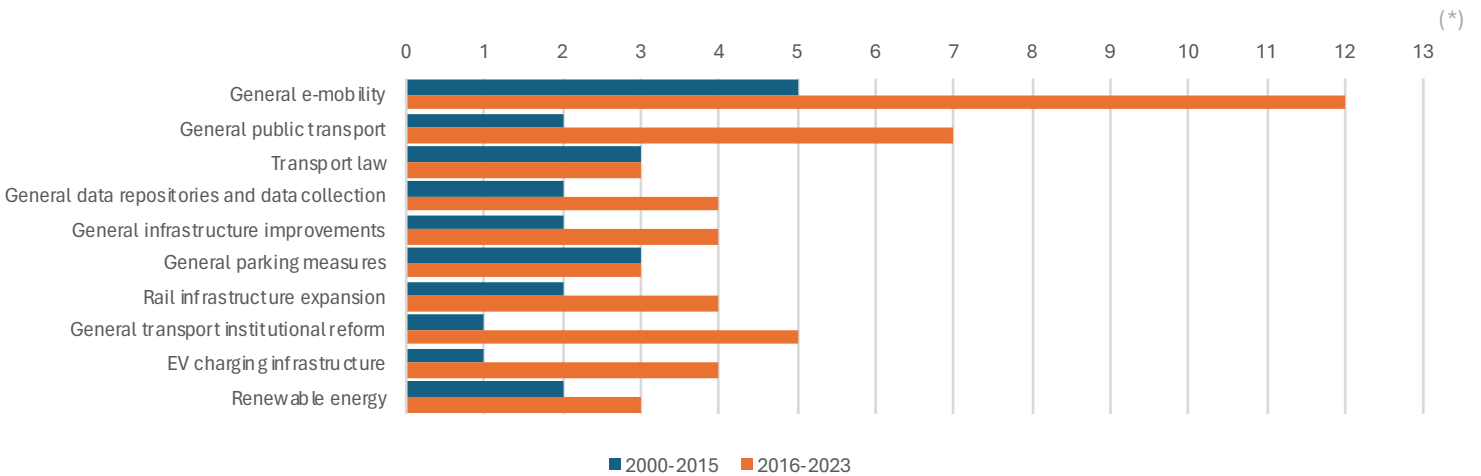
Number of climate change measures by subsectors



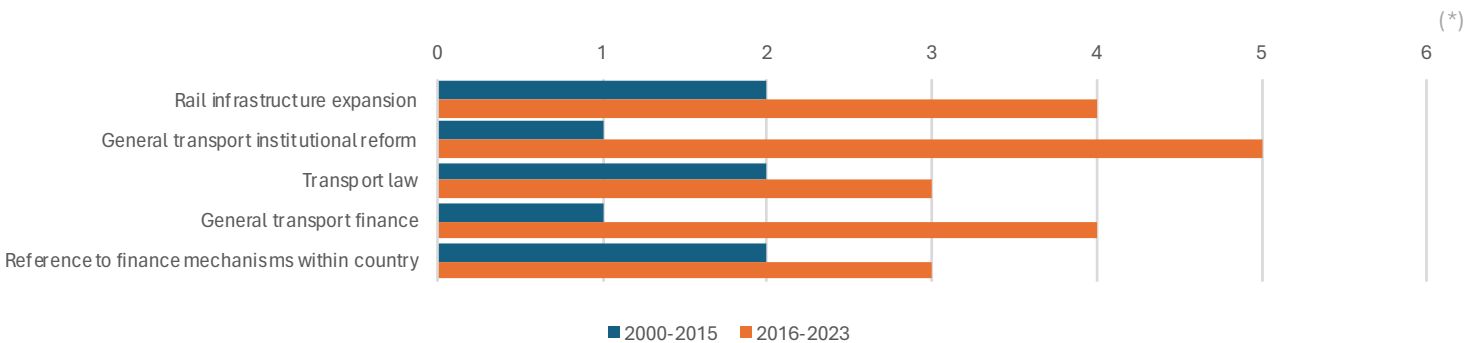
Transport-related climate change by framework



Climate change mitigation top 10 typology, number of measures



Climate change adaptation top 5 typology, number of measures



Climate Change Mitigation Policy Measures - Road Transport

Policy document	Year	Measures
National Sustainable Transport Strategy (NSTS) for Nepal (2015-2040)	2015	Budget/ identification of active mobility projects, Active transport infrastructure expansion, Road space repurpose to allow access for other modes, General active mobility, General data repositories and data collection, General e-mobility, General freight and logistics improvements, Intermodality measures, General infrastructure improvements, Vehicle inspection and maintenance, Intelligent transport systems (ITS), Design standards for sidewalks and bicycle paths, Technical standards for road infrastructure, Technical standards for general transport infrastructure, Vehicle labelling, General transport labels, Transit-oriented development (TOD), General land use, Development of public transport plan/ policy, BRT, Bus fleet renewal, Express lanes/ public transport priority, Public transit integration, General IPT/ paratransit measures, General public transport, Technologies on transport asset management, General transport asset management, Access restriction by corridor/ road, Alternative trip schedules, Traffic management, General commuter trip reduction, General parking measures, General transport demand management, General capacity building, Road infrastructure expansion, Coordinate planning across government agencies, General transport institutional reform, Reporting, transparency, feedback mechanism, Transport law, Road-side checks on overloading, Vehicle air pollution emission standards, Vehicle efficiency standards, Vehicle restrictions (import, age, access, sale, taxation)
National Transport Policy	2001	Renewable energy, General e-mobility, General infrastructure improvements, Vehicle inspection and maintenance, Vehicle scrappage scheme, General land use, LPG/ CNG/ LNG, Transport asset management information system, Transport asset condition assessment, Routine transport asset maintenance, Surface treatment resurfacing, General transport asset management, Access restriction by corridor/ road, Number of vehicle registration limit, Traffic management, General parking measures, General transport demand management, General transport finance, Reference to finance mechanisms within country, Road infrastructure expansion, Coordinate planning across government agencies, Define roles and accountabilities across agencies, Involvement of subnational government for transport activities, Stakeholder Involvement, Transport law, National speed law, Speed limit on rural roads <= 70 kph, Passenger and freight load limits, Road-side checks on overloading, Vehicle restrictions (import, age, access, sale, taxation)
Nepal Road Safety Action Plan (2021-2030)	2022	Active transport infrastructure expansion, Road space repurpose to allow access for other modes, General active mobility, Data modelling improvements, General data repositories and data collection, General infrastructure improvements, Vehicle inspection and maintenance, Intelligent transport systems (ITS), Technical standards for general transport infrastructure, Convention on Road Traffic 1968, General international conventions, General land use, General public transport, General shared mobility, Routine transport asset maintenance, Access restriction by corridor/ road, Measures to increase car occupancy, Road charging and tolls, Traffic management, General parking measures, General transport demand management, Reference to finance mechanisms within country, Accreditation of driver training agencies, Accreditation of vehicle inspection centers, Technology and knowledge transfer, Training of enforcement authorities, General capacity building, General transport institutional reform, Reporting, transparency, feedback mechanism, Transport law, National speed law, Passenger and freight load limits, Road-side checks on overloading, General education and behavior change, General vehicle improvements, Vehicle manufacturing, Vehicle restrictions (import, age, access, sale, taxation)
National Adaptation Plan (NAP) 2021 - 2050	2021	General data repositories and data collection, Alternately-powered rolling stock, General transport institutional reform, Reporting, transparency, feedback mechanism

Climate Change Mitigation Policy Measures - Road Transport

Policy document	Year	Measures
Assessment of Electric Mobility Targets for Nepal's 2020 Nationally Determined Contributions (NDC)	2021	General active mobility, Development of e-mobility transport plan/policy, Ban of ICE sales, EV charging infrastructure, General e-mobility, Fuel quality, BRT, General public transport, Low-emission vehicle zones, Vehicle taxes, General commuter trip reduction, General parking measures, General transport finance, Reference to finance mechanisms within country, General transport institutional reform, Stakeholder Involvement, Vehicle manufacturing, Local production, services, contracting etc.
National Energy Strategy of Nepal	2013	Ban of ICE sales, EV charging infrastructure, Fiscal incentives for EVs and components, General e-mobility, Biofuels, General public transport, Energy efficient vehicle purchase incentives, Fuel tax, Vehicle air pollution emission standards
The Fifteenth Plan (Fiscal Year 2019/20 – 2023/24)	2020	General active mobility, General data repositories and data collection, EV charging infrastructure, General e-mobility, Travel time improvement, Vehicle inspection and maintenance, Intelligent transport systems (ITS), Technical standards for road infrastructure, General transport labels, BRT, General public transport, Transport asset condition assessment, Routine transport asset maintenance, General transport asset management, Road charging and tolls, Traffic management, Vehicle taxes, General transport finance, Investment required for specific projects, Technology and knowledge transfer, General capacity building, Road infrastructure expansion, Coordinate planning across government agencies, Define roles and accountabilities across agencies, General transport institutional reform, Stakeholder Involvement, Development of road plan/ policy, Development of transport plan/ policy, Transport law, General education and behavior change
59 UN Transport Agreements/ and Conventions Serviced by ECE	2021	Customs Convention on the Temporary Importation of Private Road Vehicles 1954
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
National Action Plan for Electric Mobility	2018	General data repositories and data collection, EV charging infrastructure, Fiscal incentives for EVs and components, Renewable energy, General e-mobility, General infrastructure improvements, Vehicle scrappage scheme, General land use, General IPT/ paratransit measures, General public transport, General parking measures, General transport finance, Reference to finance mechanisms within country, General capacity building, General transport institutional reform, Development of transport plan/ policy, Transport law, General vehicle improvements, Local production, services, contracting etc.
Nepal LTS	2021	EV charging infrastructure, General e-mobility, General freight and logistics improvements, General infrastructure improvements, Fuel quality, General public transport
Motor Vehicles and Transport Management Act, 2049 (1993)	1993	General data repositories and data collection, General parking measures, Transport law, Passenger and freight load limits, Road-side checks on overloading
National Implementation Plan for Climate Change Mitigation and Adaptation (2080-2087)	2023	General e-mobility, General public transport
Second Nationally Determined Contribution Strategy and Initiatives for Electrification of Public Transportation in Nepal	2020	General e-mobility, General public transport
Nepal Urban Road Standard- 2076	n.d.	General e-mobility, Transport law
Road Safety Opportunities and Challenges: Low- and Middle-Income Country Profiles	2019	Technical standards for road infrastructure
	2020	Vehicle inspection and maintenance, Vehicle import inspections

Climate Change Mitigation Targets - Road Transport

Policy document	Target year	Targets
Assessment of Electric Mobility Targets for Nepal's 2020 Nationally Determined Contributions (NDC)	2028	Remove all petroleum-powered vehicles from four urban centres (Kathmandu Valley, Chitwan, Hetauda and Kavre) by 2028. (Bagmati Province Periodic Plan)
Assessment of Electric Mobility Targets for Nepal's 2020 Nationally Determined Contributions (NDC)	2050	By 2050, Nepal will decrease its dependency on fossils in the transport sector by 50%. (NDC)
Assessment of Electric Mobility Targets for Nepal's 2020 Nationally Determined Contributions (NDC)	2025	7.3.1: Share of EV in public transport systems 2025: 35% (SDG Targets & indicators)
Assessment of Electric Mobility Targets for Nepal's 2020 Nationally Determined Contributions (NDC)	2030	7.3.1: Share of EV in public transport systems 2030: 50% (SDG Targets & indicators)
National Energy Strategy of Nepal	2025	Gradually replace 20 percent demand capacity of diesel and petrol cars of the base case in year 2025 with electric and hybrid vehicle in equal share.
National Energy Strategy of Nepal	2030	Gradually replace 30 percent demand capacity of diesel and petrol cars of the base case in year 2030 with electric and hybrid vehicle in equal share.
National Implementation Plan for Climate Change Mitigation and Adaptation (2080-2087)	2025	Facilitate imports of hybrid and electric cars by 15 percent. • By 2025, 25% of the total domestic passenger vehicle sales will be due to electric passenger vehicles. Share of sales to tri-electric public transport vehicles in total: Sales to public transport vehicles to be 20 percent (electric rickshaws and tri-electric tempos are included in target volume of sales to public transport vehicles)
Nepal LTS	2025	: i) In 2025, electric vehicles (e-vehicles) will account for 25 per cent of all private passenger vehicle sales (including two-wheelers) and 20 per cent of all four-wheeler public passenger vehicle sales (excluding electric rickshaws and electric three-wheelers) (Second NDC)
Nepal LTS	2025	Increase e-vehicle sales to 90 percent of all private passenger vehicle sales (including two-wheelers) and 60 percent of all four-wheeler public passenger vehicle sales by 2030. (excluding electric-rickshaws and electric threewheelers). (Second NDC)
Second Nationally Determined Contribution	2025	Sales of electric vehicles (e-vehicles) in 2025 will be 25% of all private passenger vehicles sales, including two-wheelers and 20% of all four-wheeler public passenger vehicle sales (this public passenger target does not take into account electricrickshaws and electric-tempos) in 2025.
Second Nationally Determined Contribution	2030	By 2030, increase sales of e-vehicles to cover 90% of all private passenger vehicle sales, including two-wheelers and 60% of all four-wheeler public passenger vehicle sales (the public passenger target does not take into account electric-rickshaws and electric-tempos).
Second Nationally Determined Contribution	2025	By 2025, ensure at least three provinces operate electric public transport,

Climate Change Mitigation Targets - Road Transport

Policy document	Target year	Targets
The Fifteenth Plan (Fiscal Year 2019/20 – 2023/24)	2024	Transportation, storage and communication Gross Domestic Product and sector-wise value addition target (In 10 million rupees) = 37,122 (baseline 2018/19 = 22,135)
		Economic growth rate and sector-wise value addition target = 10.8% (baseline 2018/19 = 5.9%)
		Sector-wise contribution to the gross domestic product = 7.7% (baseline 2018/19 = 7.2%)
		Incremental capital-output ratio and total investment (At the constant prices of FY 2018/19) (In 10 million rupees) = 45740
The Fifteenth Plan (Fiscal Year 2019/20 – 2023/24)	2024	Road density = 0.74 km/sqkm (baseline = 0.55 (2018/19))
		National and provincial highways (up to 2 lanes) (*Only blacktopped roads) = 20,200 km (baseline = 7,794 (2018/19))
		National highways (above 2 lanes, including fast tracks) = 1174 km (baseline = 96 (2018/19))
		Railways = 348 km (baseline = 42 (2018/19))

Climate Change Mitigation Policy Measures - Rail Transport

Policy document	Year	Measures
National Sustainable Transport Strategy (NSTS) for Nepal (2015-2040)	2015	Freight transport shifting to rail or inland waterways (IWT), Intermodality measures, General infrastructure improvements, Development of public transport plan/ policy, High-speed rail (HSR), General capacity building, Rail infrastructure expansion, Coordinate planning across government agencies, General transport institutional reform, Involvement of subnational government for transport activities
The Fifteenth Plan (Fiscal Year 2019/20 – 2023/24)	2020	Urban passenger rail infrastructure improvement, General transport finance, General capacity building, Rail infrastructure expansion, Development of rail plan/ policy
National Transport Policy	2001	Renewable energy, General e-mobility, General rail improvement, General land use, LPG/ CNG/ LNG, Rail infrastructure expansion, Transport law
Nepal LTS	2021	Railway electrification, General freight and logistics improvements
Assessment of Electric Mobility Targets for Nepal's 2020 Nationally Determined Contributions (NDC)	2021	Rail infrastructure expansion
National Implementation Plan for Climate Change Mitigation and Adaptation (2080-2087)	2023	Rail infrastructure expansion
National Action Plan for Electric Mobility	2018	Railway electrification, Urban passenger rail infrastructure improvement
National Energy Strategy of Nepal	2013	Railway electrification
Second Nationally Determined Contribution	2020	Railway electrification

Climate Change Mitigation Targets - Rail Transport

Policy document	Target year	Targets
		Transportation, storage and communication Gross Domestic Product and sector-wise value addition target (In 10 million rupees) = 37,122 (baseline 2018/19 = 22,135)
The Fifteenth Plan (Fiscal Year 2019/20 – 2023/24)	2024	Economic growth rate and sector-wise value addition target = 10.8% (baseline 2018/19 = 5.9%) Sector-wise contribution to the gross domestic product = 7.7% (baseline 2018/19 = 7.2%) Incremental capital-output ratio and total investment (At the constant prices of FY 2018/19) (In 10 million rupees) = 45740
Assessment of Electric Mobility Targets for Nepal's 2020 Nationally Determined Contributions (NDC)	2030	By 2030, develop 200 km of the electric rail network to support public commuting and mass transportation of goods. (NDC)
Nepal LTS	2030	iii) Develop a 200-kilometer electric rail network by 2030 to support public transportation and mass transportation of goods. (Second NDC)
Second Nationally Determined Contribution	2030	By 2030, develop 200 km of the electric rail network to support public commuting and mass transportation of goods.

Climate Change Mitigation Policy Measures - Domestic Navigation

Policy document	Year	Measures
National Transport Policy	2001	General inland waterways (IWT) improvement, Define roles and accountabilities across agencies
The Fifteenth Plan (Fiscal Year 2019/20 – 2023/24)	2020	General inland waterways (IWT) improvement, General international conventions, Development of shipping/ maritime/ inland water transport (IWT) plan/ policy, General transport finance, General capacity building, Transport law
National Sustainable Transport Strategy (NSTS) for Nepal (2015-2040)	2015	Freight transport shifting to rail or inland waterways (IWT)

Climate Change Mitigation Targets - Domestic Navigation

Policy document

Target year

Targets

The Fifteenth Plan (Fiscal Year 2019/20 – 2023/24)

2024

Transportation, storage and communication

Gross Domestic Product and sector-wise value addition target (In 10 million rupees) = 37,122 (baseline 2018/19 = 22,135)

Economic growth rate and sector-wise value addition target = 10.8% (baseline 2018/19 = 5.9%)

Sector-wise contribution to the gross domestic product = 7.7% (baseline 2018/19 = 7.2%)

Incremental capital-output ratio and total investment (At the constant prices of FY 2018/19) (In 10 million rupees) = 45740

Climate Change Mitigation Policy Measures - Domestic Aviation

Policy document	Year	Measures
National Sustainable Transport Strategy (NSTS) for Nepal (2015-2040)	2015	General data repositories and data collection, Coordinate planning across government agencies, General transport institutional reform
Nepal Civil Aviation Act, 2073	2017	Define roles and accountabilities across agencies
National Transport Policy	2001	Development of aviation plan/policy, General transport finance
The Fifteenth Plan (Fiscal Year 2019/20 – 2023/24)	2020	Development of aviation plan/policy, General transport institutional reform
National Implementation Plan for Climate Change Mitigation and Adaptation (2080-2087)	2023	General aviation improvements
Nepal LTS	2021	General freight and logistics improvements

Climate Change Mitigation Policy Measures - Urban Transport

Policy document	Year	Measures
Nepal Road Safety Action Plan (2021-2030)	2022	General active mobility, Access restriction by corridor/ road, Measures to increase car occupancy, Road charging and tolls, General parking measures, National speed law
Assessment of Electric Mobility Targets for Nepal's 2020 Nationally Determined Contributions (NDC)	2021	Ban of ICE sales, EV charging infrastructure, General e-mobility, Low-emission vehicle zones
National Sustainable Transport Strategy (NSTS) for Nepal (2015-2040)	2015	Budget/ identification of active mobility projects, General active mobility, General freight and logistics improvements, Design standards for sidewalks and bicycle paths, Transit-oriented development (TOD), General land use, General public transport, Technologies on transport asset management, Traffic management, Reference to finance mechanisms within country, Road infrastructure expansion, Vehicle restrictions (import, age, access, sale, taxation)
National Transport Policy	2001	General land use, Traffic management, Coordinate planning across government agencies, Involvement of subnational government for transport activities, Stakeholder Involvement, Vehicle restrictions (import, age, access, sale, taxation)
National Action Plan for Electric Mobility	2018	General infrastructure improvements, Technical standards for general transport infrastructure, General land use, Urban passenger rail infrastructure improvement, General public transport, General capacity building, Development of transport plan/ policy
The Fifteenth Plan (Fiscal Year 2019/20 – 2023/24)	2020	Technical standards for road infrastructure, General transport labels, Urban passenger rail infrastructure improvement, Traffic management, Development of transport plan/ policy
Nepal LTS	2021	General e-mobility, General public transport
National Implementation Plan for Climate Change Mitigation and Adaptation (2080-2087)	2023	General public transport
Second Nationally Determined Contribution	2020	General public transport
Global Status Report on Road Safety 2018	2018	Speed limits on urban roads <= 30 kph
Nepal Urban Road Standard- 2076	2019	Technical standards for road infrastructure

Climate Change Mitigation Targets - Urban Transport

Policy document	Target year	Targets
Assessment of Electric Mobility Targets for Nepal's 2020 Nationally Determined Contributions (NDC)	2028	Remove all petroleum-powered vehicles from four urban centres (Kathmandu Valley, Chitwan, Hetauda and Kavre) by 2028. (Bagmati Province Periodic Plan)
Second Nationally Determined Contribution	2025	By 2025, ensure at least three provinces operate electric public transport,

Climate Change Adaptation Policy Measures

Policy document	Year	Measures
National Adaptation Plan (NAP) 2021 - 2050	2021	General data repositories and data collection, Adaptation-related education and training, General transport institutional reform, Reporting, transparency, feedback mechanism, Adaptation transport laws, regulations and programmes, General adaptation measures (Sub-sectors: Road transport)
National Sustainable Transport Strategy (NSTS) for Nepal (2015-2040)	2015	General data repositories and data collection, Intelligent transport systems (ITS), Resilient transport technologies, Climate-resilient design standards, Development of public transport plan/ policy, Technologies on transport asset management, Transport infrastructure resilience, General transport asset management, Reference to finance mechanisms within country, General capacity building, Rail infrastructure expansion, Coordinate planning across government agencies, General transport institutional reform, Involvement of subnational government for transport activities, Reporting, transparency, feedback mechanism, Adaptation transport laws, regulations and programmes, Transport law (Sub-sectors: Road transport, Rail transport, Domestic Aviation, Urban transport)
The Fifteenth Plan (Fiscal Year 2019/20 – 2023/24)	2020	Resilient transport technologies, Climate-resilient design standards, Technical standards for road infrastructure, General international conventions, Transport asset condition assessment, Routine transport asset maintenance, General transport asset management, General transport finance, Investment required for specific projects, Technology and knowledge transfer, General capacity building, Rail infrastructure expansion, Coordinate planning across government agencies, Define roles and accountabilities across agencies, General transport institutional reform, Stakeholder Involvement, Development of rail plan/ policy, Development of road plan/ policy, Development of transport plan/ policy, Transport law (Sub-sectors: Road transport, Rail transport, Domestic Navigation, Domestic Aviation, Urban transport)
National Transport Policy	2001	Transport asset management information system, Transport asset condition assessment, Routine transport asset maintenance, Surface treatment resurfacing, General transport asset management, General transport finance, Reference to finance mechanisms within country, General capacity building, Rail infrastructure expansion, Coordinate planning across government agencies, Define roles and accountabilities across agencies, Involvement of subnational government for transport activities, Reporting, transparency, feedback mechanism, Stakeholder Involvement, Transport law (Sub-sectors: Road transport, Rail transport, Domestic Navigation, Domestic Aviation, Urban transport)
Nepal Road Safety Action Plan (2021-2030)	2022	Data modelling improvements, Intelligent transport systems (ITS), General international conventions, Routine transport asset maintenance, Reference to finance mechanisms within country, Technology and knowledge transfer, General capacity building, General transport institutional reform, Reporting, transparency, feedback mechanism, Transport law, General vehicle improvements (Sub-sectors: Road transport)
Nepal Civil Aviation Act, 2073	2017	Define roles and accountabilities across agencies (Sub-sectors: Domestic Aviation)
Assessment of Electric Mobility Targets for Nepal's 2020 Nationally Determined Contributions (NDC)	2021	Development of e-mobility transport plan/policy, General transport finance, Reference to finance mechanisms within country, Rail infrastructure expansion, General transport institutional reform, Stakeholder Involvement (Sub-sectors: Road transport, Rail transport)
National Action Plan for Electric Mobility	2018	General data repositories and data collection, General transport finance, Reference to finance mechanisms within country, General capacity building, General transport institutional reform, Development of transport plan/ policy, Transport law, General vehicle improvements (Sub-sectors: Road transport, Urban transport)

Climate Change Adaptation Policy Measures

Policy document	Year	Measures
Motor Vehicles and Transport Management Act, 2049 (1993)	1993	General data repositories and data collection (Sub-sectors: Road transport)
National Implementation Plan for Climate Change Mitigation and Adaptation (2080-2087)	2023	Rail infrastructure expansion (Sub-sectors: Rail transport)
Nepal Urban Road Standard- 2076	2019	Technical standards for road infrastructure (Sub-sectors: Road transport, Urban transport)
Strategy and Initiatives for Electrification of Public Transportation in Nepal	n.d.	Transport law (Sub-sectors: Road transport)

Climate Change Adaptation Targets

Policy document	Target year	Targets
The Fifteenth Plan (Fiscal Year 2019/20 – 2023/24)	2024	Transportation, storage and communication Gross Domestic Product and sector-wise value addition target (In 10 million rupees) = 37,122 (baseline 2018/19 = 22,135)
		Economic growth rate and sector-wise value addition target = 10.8% (baseline 2018/19 = 5.9%)
		Sector-wise contribution to the gross domestic product = 7.7% (baseline 2018/19 = 7.2%)
Assessment of Electric Mobility Targets for Nepal's 2020 Nationally Determined Contributions (NDC)	2030	Incremental capital-output ratio and total investment (At the constant prices of FY 2018/19) (In 10 million rupees) = 45740
		By 2030, develop 200 km of the electric rail network to support public commuting and mass transportation of goods. (NDC)

Notes



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

<https://bit.ly/ATOpolicyrepository>

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