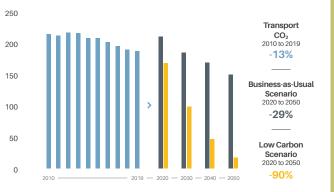


Low Carbon Transport Pathways

Voluntary National Review highlights transport	×
Other non-emission related transport targets in NDC	Not available
Transport mitigation targets in NDC	27% below 2013 (163 million $tCO_2$ less by 2030)
NDC highlights transport for GHG mitigation	~
NDC submitted	1st and Updated NDC
Long-term strategy submitted to UNFCCC	<ul> <li>Image: A start of the start of</li></ul>
Transport strategy identifies climate change	<b>.</b>



## **Transport measures in NDC**

- · General fuel improvement policies
- · General vehicle improvements
- Mitigation General innovations and digitalisation
  - National mobility plans

• Not available

# Policy Areas: Indicators and Targets

## Sustainable Mobility Planning & Transport Demand Management

National Urban Mobility Framework (2020)	×
ø Targets	<ul> <li>Support activities of local governments through grants to develop comprehensive transport strategy</li> </ul>
Sustainable Urban Mobility Plans (2020)	No but Low Carbon City Act
Ø Targets	<ul> <li>Realize compact urban structure</li> <li>Promote measures to address traffic flow</li> <li>Promote the use of public transport</li> </ul>
Low Emission Zones (2020)	1 city
🚵 Walking and Cycling	

National walking strategies (2020) N

National cycling strategies (2020)

Cycling infrastructure in capital (2020)

10 km of separated bikelanes

## 🛱 Urban Passenger and Freight Transport

Bus rapid transit (2020)	29 km of BRT in 2 cities
Urban rail (LRT, metro, tram) (2020)	Over 1000 km in 26 cities
Bus rapid transit daily passenger volume (2020)	9100
Rapid Transit to Resident Ratio (2019)	18.7

### Passenger and Freight Railways

Rail network (2018)	19 123 km
High-speed rail (2018)	2848 km
High-speed rail travel activity (2018)	103.7 billion passenger-km
National plans for passenger and freight rail expansion	~
ø Targets	25% energy consumption reduction of 2014 levels by 2031
Rail travel activity (2018)	437 363 million passenger-km
Rail freight activity (2016)	20117 million ton-km

### 👪 Shared Mobility Services

Bike-sharing systems (2020)	28 systems
Electric scooter services (2020)	1 operator in 2 cities
Carsharing services (2021)	12 services
National legal frameworks for shared mobility (2020)	Yes
Autonomous vehicles in operation or in preparation (2020)	3
Autonomous vehicles strategies (2020)	~

## Fuel Economy

Emission standards for LDVs (2018)	Euro 5
$CO_2$ emissions performance for LDVs (2017)	144 gCO <sub>2</sub> /km
Emission standards for HDVs (2018)	Euro VI
Targeted CO <sub>2</sub> emissions performance	74 gCO <sub>2</sub> /km by 2030

🖶 Electric Mobility	
Electric vehicles (2019)	294000
Market share of electric vehicles (2019)	0.9%
No. of cities with electric buses (2019)	5
ICE phase-out targets	2050
Renewable Energy	
Biofuel blend mandate (2019)	Not available
Renewable energy (biofuels and electricity) share in transport (2018)	2.7%
Targeted % of renewable energy	Not available
<b>Aviation</b>	
Air passengers caried (2019)	130.2 million people
Air freight activity (2019)	8919.5 million ton-km
Carbon-accredited airports (2020)	4 airports

×

of which carbon neutral

Shipping	
Liner shipping connectivity index (2019)	71.2
Container port traffic (2019)	21708860 TEU

COVID-19	
Traditional transport infrastructure investment	Not available
Clean transport infrastructure investment	USD 0.14 billion
Examples • Local pu	Iblic transport support

This fact sheet is part of the SLOCAT Transport and Climate Change Global Status Report - 2nd edition.

The information shown is based on desk research. Data has been collected to the best knowledge and availability. However, It might not be complete or reflect the most recent status. 'Not available' is indicated, when no information has been retrieved. The content does not represent the opinion of the SLOCAT Partnership. Find data sources and indicator glossary here.

#### List of acronyms

GDP	Gross-domestic product
HDV	Heavy-duty vehicle
ICE	Internal combustion engine
LDV	Light-duty vehicle
LRT	Light-rail transit
NDC	Nationally determined contribution
TEU	Twenty-foot Equivalent Unit
UNFCCC	United Nations Framework Convention on Climate Change
VNR	Voluntary national review of the Sustainable Developiment Goals
WLTP	Worldwide harmonised light vehicles test procedure