2



### TRANSPORT PATHWAYS TO REACH CLIMATE AND SUSTAINABILITY GOALS

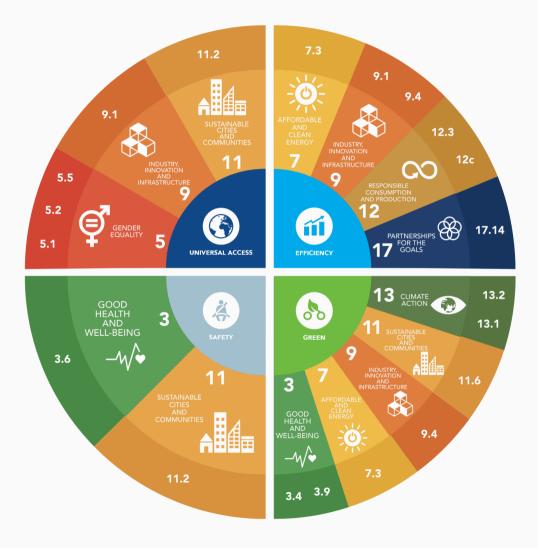




2.1



# NATIONAL TRANSPORT PATHWAYS TO REACH CLIMATE AND SUSTAINABILITY GOALS



1

All actors are aligned behind a forward-looking vision, working together to deliver context-specific action

2

National and sub-national governments and businesses have policymaking, organisational, and technical capacities and skills to develop and implement integrated frameworks, particularly in low- and middle-income countries (LMICs)

3

Public and private investments, and revenue streams from transport users are used to fund sustainable transport expansion, particularly in LMICs

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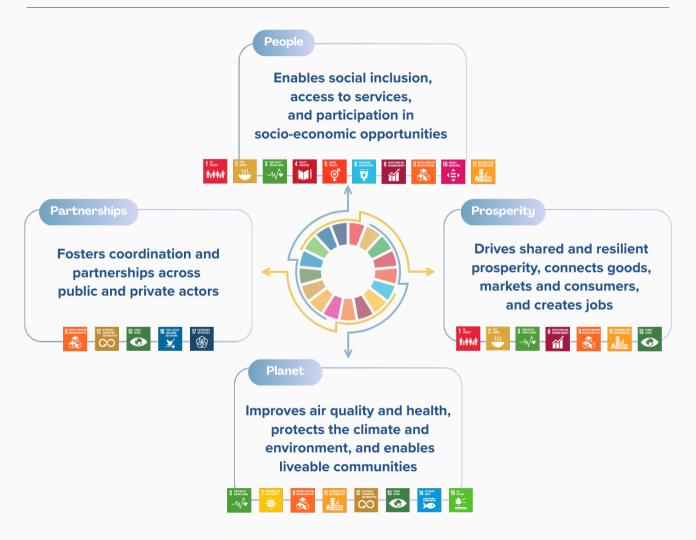
Reliable, open-access data informs evidence-based policy, investment, evaluation and improvement



5

Strengthened mechanisms across actors and transport modes, between transport and other sectors, and among UN entities are enabling systemic coordination and international multi-stakeholder cooperation





S1



### SPOTLIGHT ON TRANSPORT AMBITION IN NDCS 3.0

### Benefits of robust transport actions in new NDCs



### **Boosted investment and prosperity**

- Attract funding through robust NDCs
- Create jobs and drive prosperity



### Reduced emissions and cleaner cities

- Cut GHG in passenger and freight transport
- Improve air quality and reduce noise pollution



### Inclusive, collaborative approaches

- Bring subnational and non-state actors on board
- Ensure more integrated, unified strategies



### Stronger resilience and energy security

- Move away from fossil fuels
- · Better resilience against global shocks



### Greater efficiency and cost savings

- Save energy, land, and public funds
- Avoid costly reliance on outdated technologies

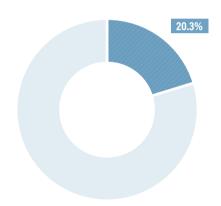


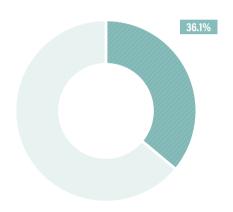
### Diversified infrastructure and wider access

- Enhance services for better opportunities
- Build networks that benefit everyone

Share of total greenhouse gas emissions covered by 29 third-generation NDCs



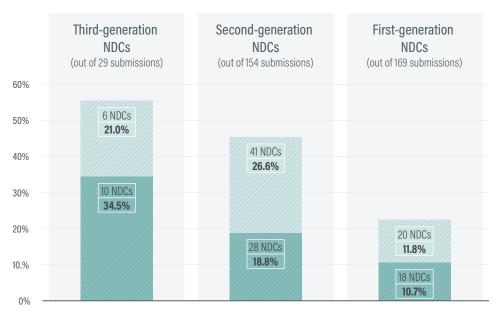






The countries that submitted third-generation NDCs as of August 2025 contributed 20.3% of the world's economy-wide greenhouse gas emissions and 36.1% of global transport emissions in 2023 (excluding international aviation and shipping). This high share of transport emissions was driven by major emitters such as Brazil, Canada, Japan, the United Kingdom and the United States.

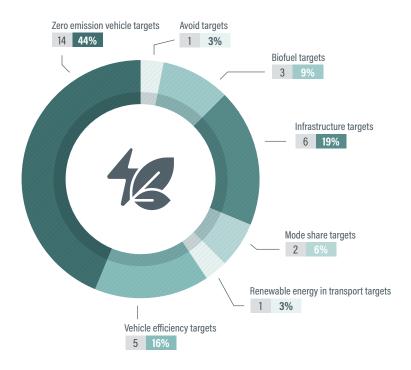
### Transport targets included in each generation of NDCs, as of August 2025



- Only non-greenhouse gas transport targets
- Transport greenhouse gas mitigation targets

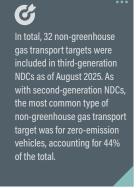


Share of total submissions

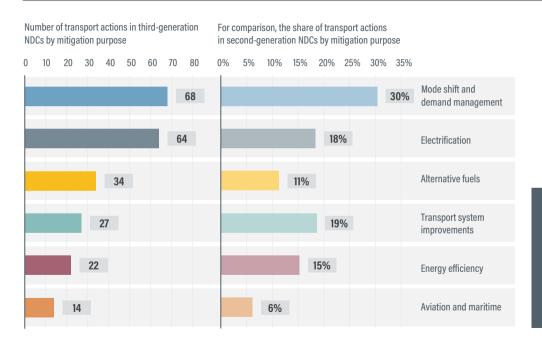


grey = Number of targets

green = Share of all targets

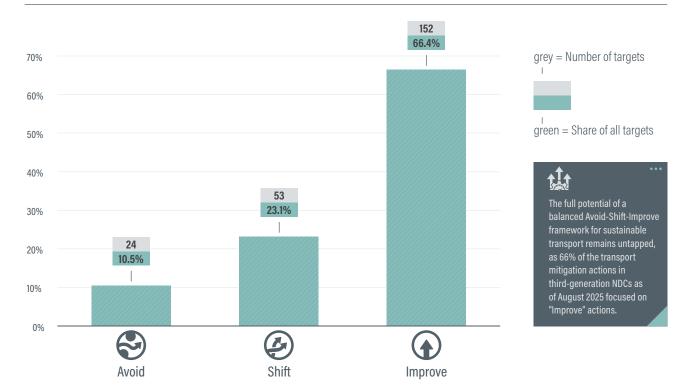


### Emission mitigation actions in third-generation NDCs compared to second-generation NDCs, as of August 2025

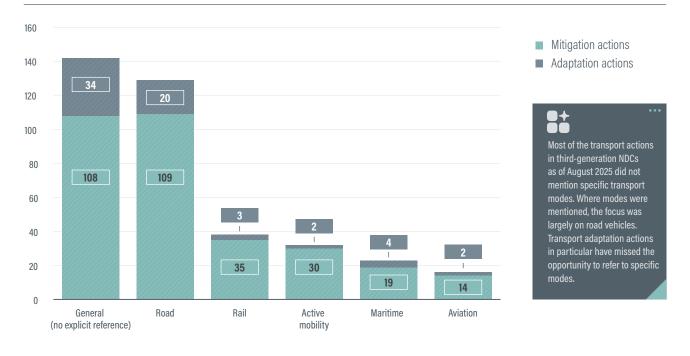




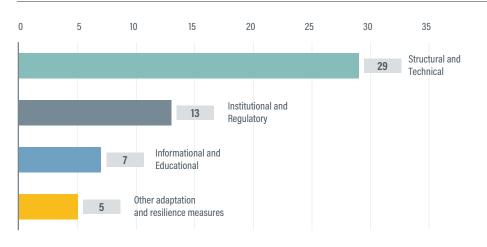
Comparing the second- and third-generation NDCs, as of August 2025, shows that electrification keeps gaining traction, with nearly half of all actions focusing on electrification.



### Modes referenced in transport actions in third-generation NDCs, as of August 2025



### FIGURE 8. Transport adaptation actions in third-generation NDCs, as of August 2025

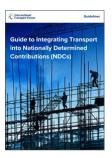






### **General transport guidance**







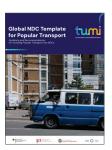


### Mode-specific guidance

Active mobility



Popular transport



Public transport



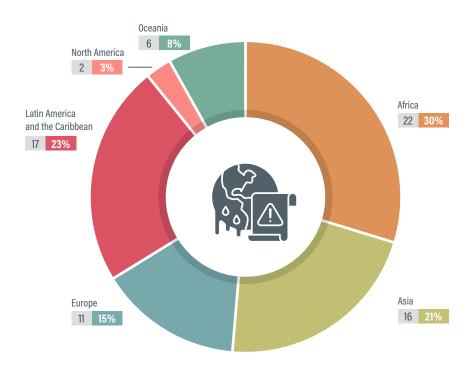
Railways



**S2** 

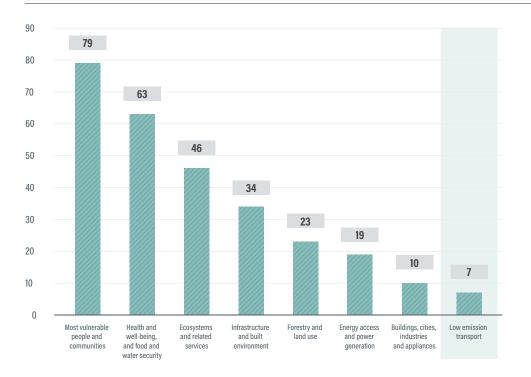


# SPOTLIGHT ON TRANSPORT IN NATIONAL ADAPTATION PLANS





### FIGURE 2. Adaptation projects in countries with NAPs, as of 15 July 2025

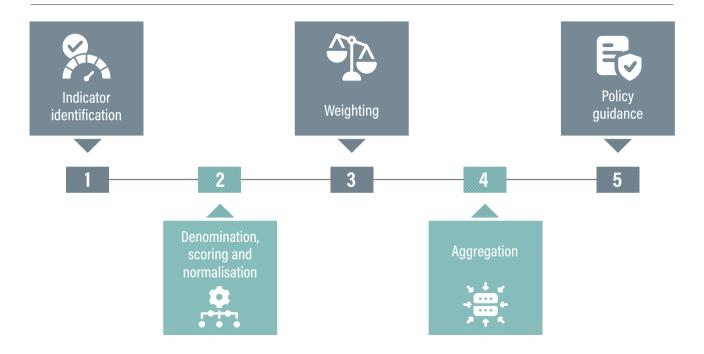


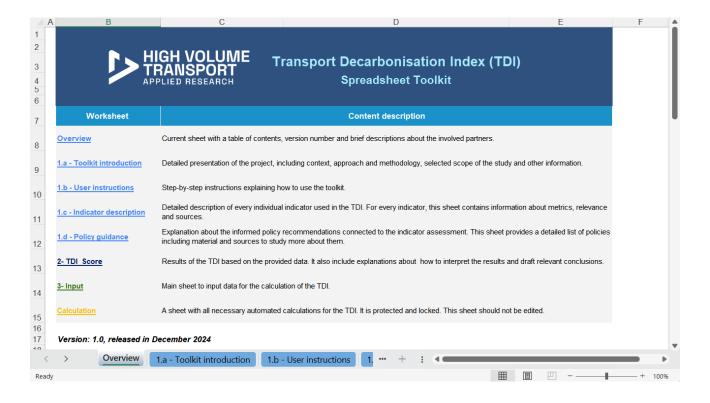


**S3** 

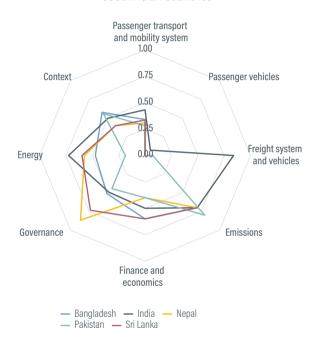


# SPOTLIGHT ON ASSESSING PROGRESS: THE TRANSPORT DECARBONISATION INDEX





### South Asian countries

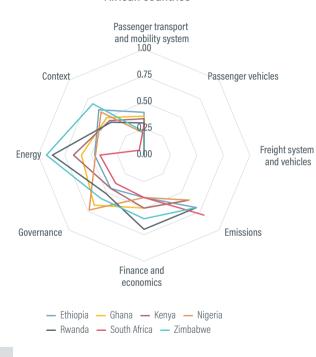


Higher score is better, which means:

The score ranges from 0 (lowest) to 1 (highest).

A higher score means that a country performs well for the dimension.

### African countries



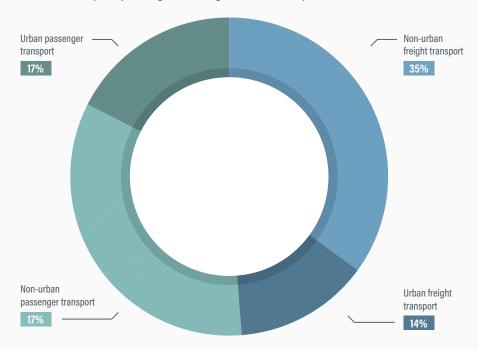
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## SUB-NATIONAL TRANSPORT PATHWAYS TO REACH CLIMATE AND SUSTAINABILITY GOALS

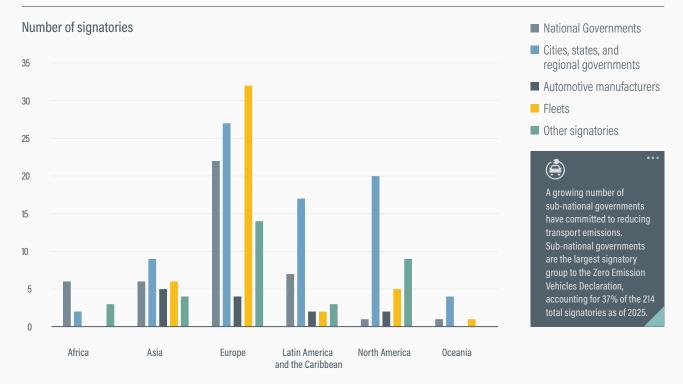
### FIGURE 1.

Share of urban transport (passenger and freight) in total transport emissions





Urban transport (passenger and freight) was responsible for an estimated 5% of global greenhouse gas emissions and 31% of total transport emissions in 2023.



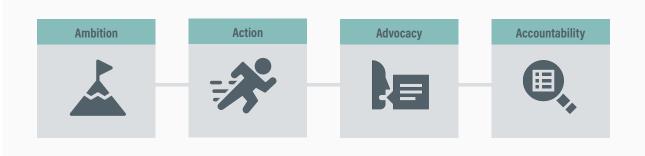
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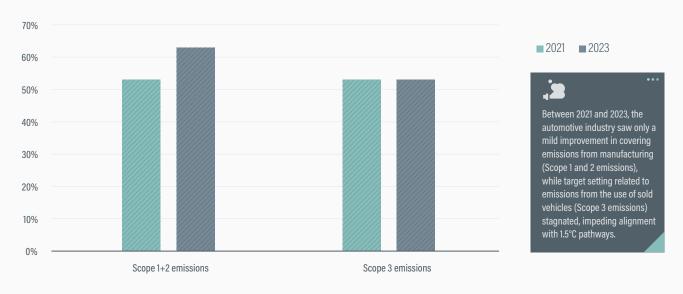
## THE ROLE OF BUSINESS IN CLIMATE AND SUSTAINABILITY ACTION IN TRANSPORT

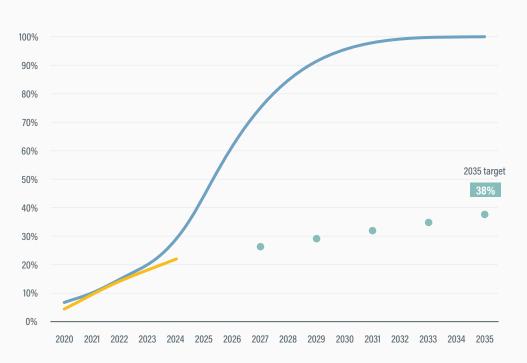


FIGURE 2. The 4 A's of Climate Leadership



Share of companies setting reduction targets for Scope 1, 2 and 3 emissions, 2021 and 2023





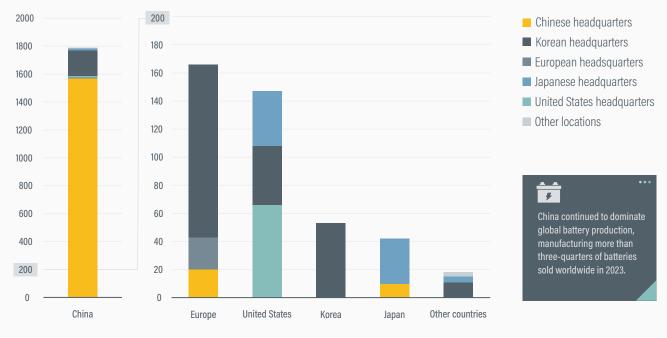
- 1.5°C compatible electric vehicle sales pathway
- Global electric vehicle sales
- Implied target in plans by automakers

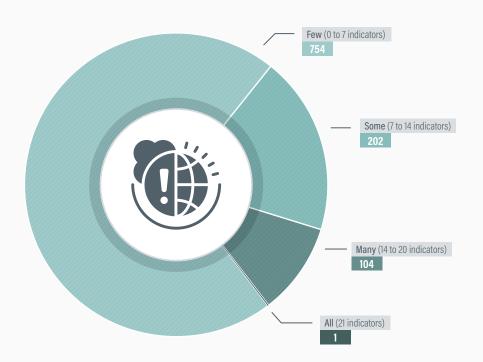


Even if all auto manufacturers fully achieve their publicly disclosed targets for phasing out fossil fuel vehicle production, and Chinese companies meet the national goal of 40% new energy vehicle sales, only around 38% of vehicles globally are projected to be fully electric by 2035 under current company plans

### Lithium-ion battery manufacturing capacity by region of manufacturer headquarters, 2023

### Battery manufacturing capacity by headquarters in gigawatt hours





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Of the 1,061 transport service companies that disclosed targets to CDP in 2023, only one reported having all 21 key Climate Transition Plan indicators. 71% had few indicators, 19% had some, and just 10% had many.

			WBA Indicators score			
Type Transport Manufacturer	Country HQ	Company	Company policy on <b>engagement</b> with Associations, Alliances, Coalitions or Thinktanks	Associations, Alliances, Coalitions and Thinktanks supported do not have climate-negative activities or positions	Position on significant climate policies	Collaboration with local public authorities
Aviation	France	Airbus	50	100	70	50
	USA	Boeing	75	50	70	25
	China	Comac	0	0	0	0
Rail	France	Alstom	40	100	60	75
	China	CRRC Corporation	0	0	0	50
	Switzerland	Stadler Rail	0	50	45	25
Ships	China	China State Shipbuilding	0	0	0	0
	Italy	Fincantieri	0	50	90	50
	South Korea	Hanwha Ocean	0	0	45	0
	South Korea	South Korea Korea Shipbuilding	0	100	30	0
Trucks	Germany	Daimler Truck	40	50	45	50
	USA	PACCAR	50	50	45	25
	Sweden	Scania AB	0	100	70	50
	Sweden	Volvo AB	60	50	90	25

### FIGURE 8. SBTi net zero commitments across transport industry sub-sectors, 2023-2025

