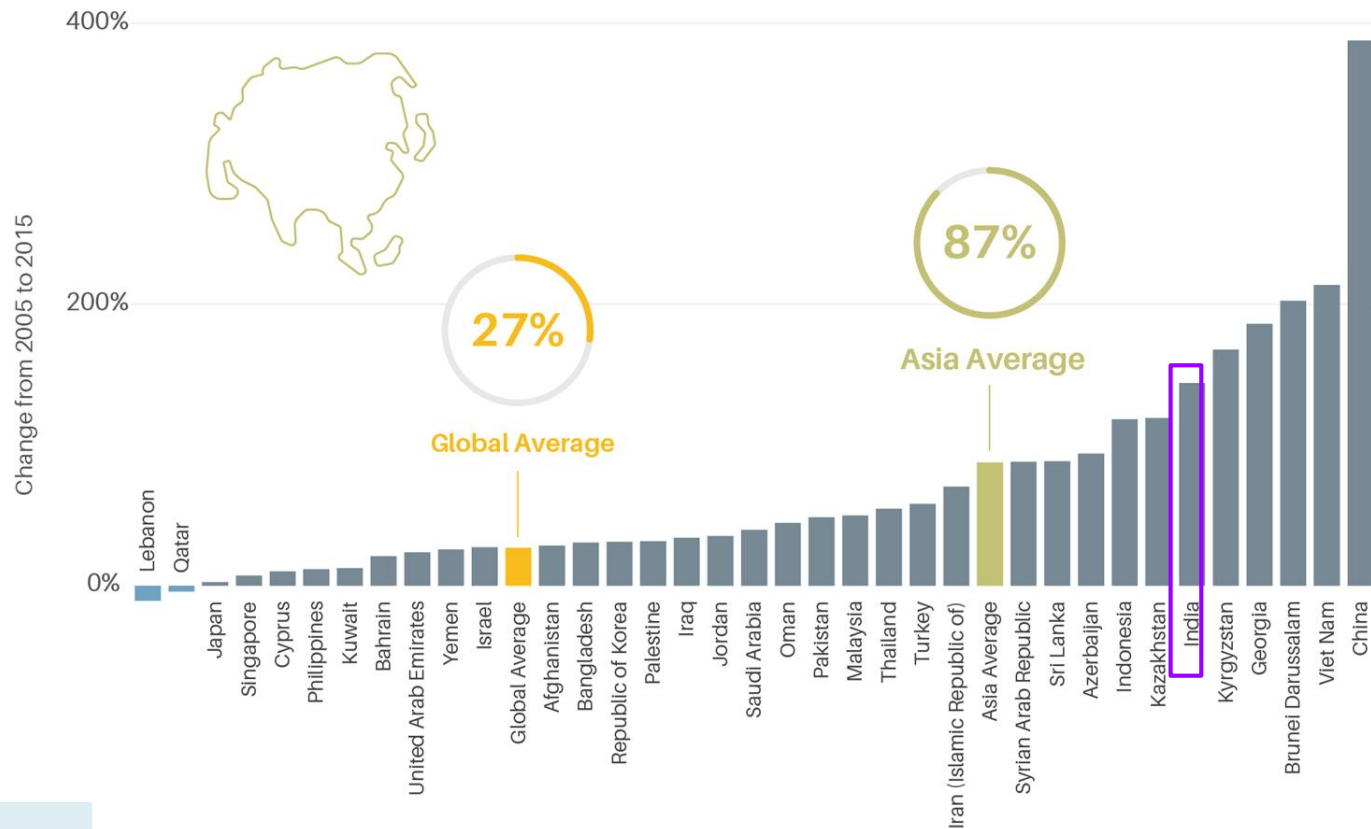




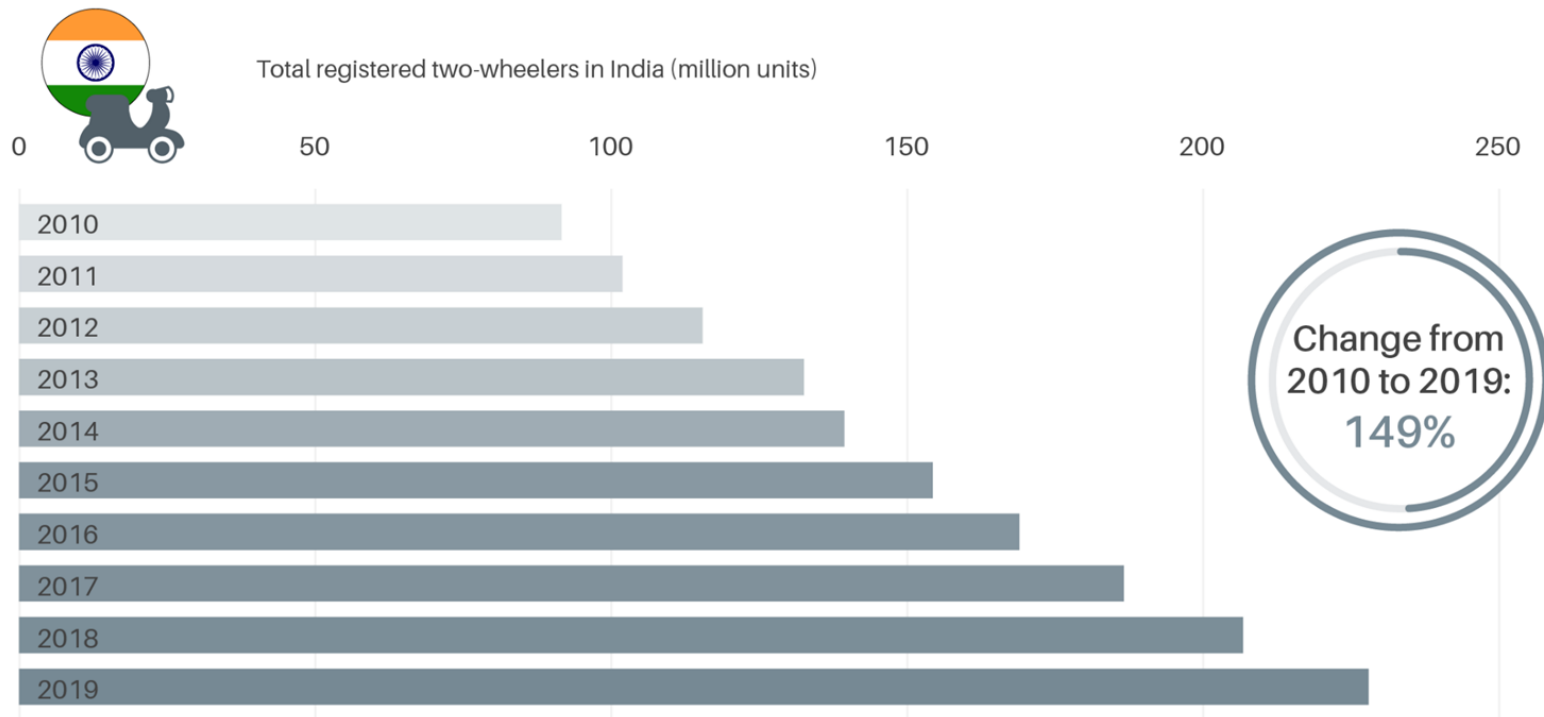
SLOCAT Partnership on Sustainable, Low Carbon Transport

Transport Trends: Car ownership growth in Asia



Source: SLOCAT (2021), *Transport and Climate Change Global Status Report – 2nd edition*.

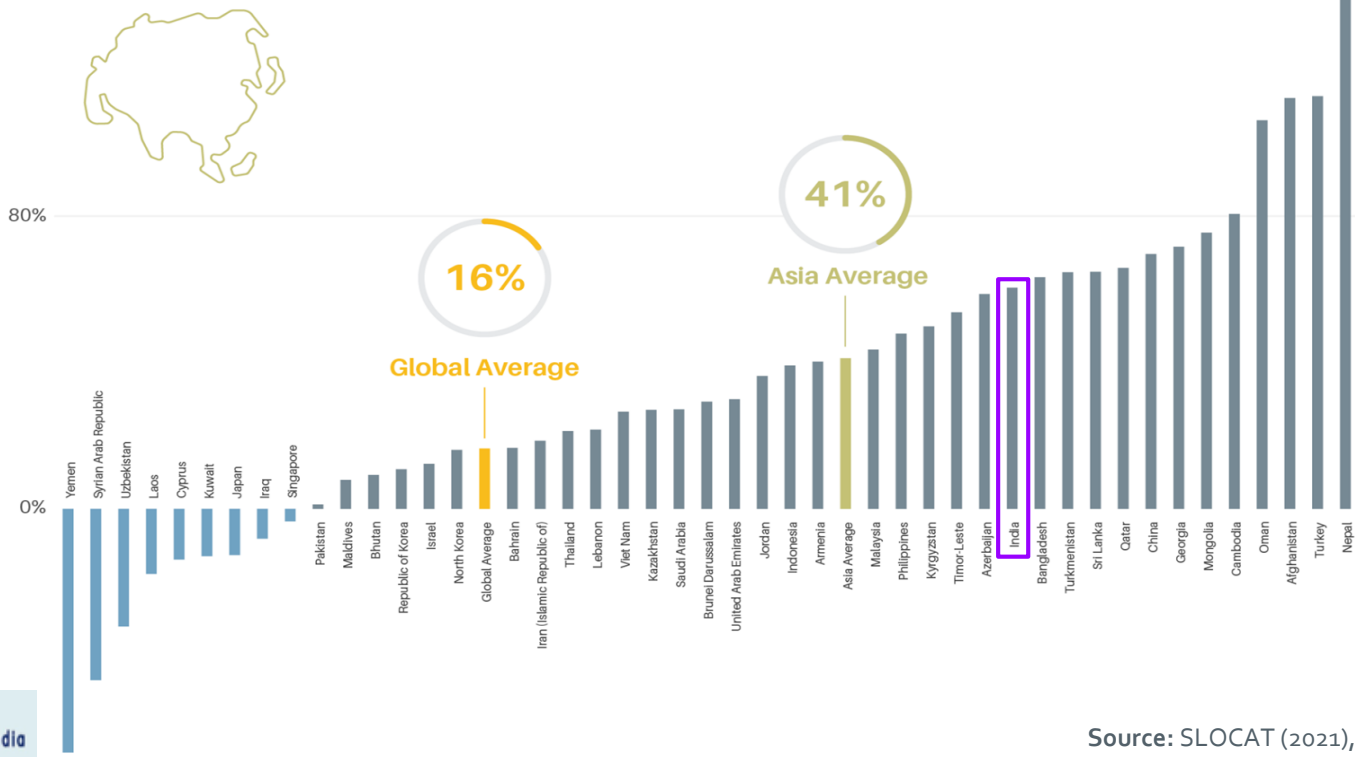
Transport Trends: Motorised two-wheeler growth in India



Transport Trends: Transport CO₂ emissions in Asia

160%

Change in transport CO₂ emissions in Asia, 2010-2019



Challenges to sustainable transport in India and Asia



Sustainable Mobility
Planning and Transport
Demand Management

Increasing **motor vehicle congestion** in urban areas.



Urban Passenger/
Freight Transport

Increasing goods movement by **road freight transport**.



Renewable Energy
in Transport

Continuing **fossil fuel** subsidies, weak EVs/**renewable energy** linkages.

Opportunities for sustainable transport in India and Asia



Urban Passenger/
Freight Transport

Increasing **rapid transit-to-resident ratio** in urban areas.



Electric Mobility

Significant electrification of **passenger rail transport** activity.



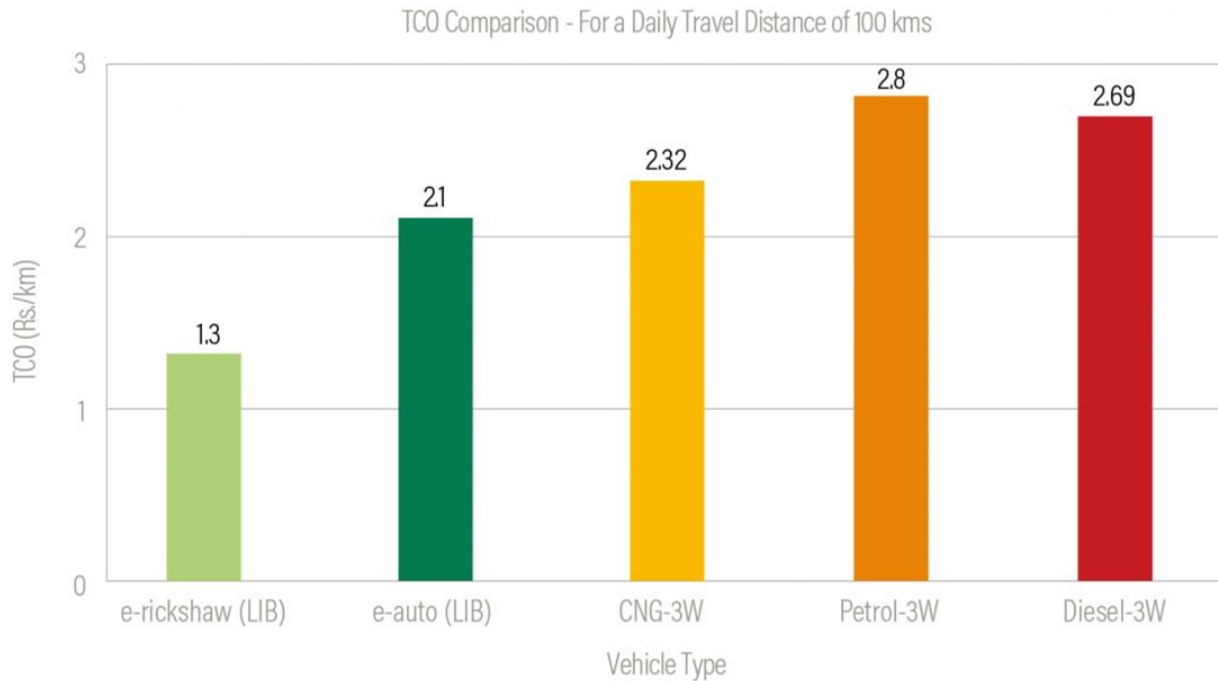
Fuel Economy

Increasing **LDV fuel economy** in Asia, **HDV fuel economy standards** in India.

Case Study 1: Total cost of electric 3-wheelers in India



Electric Mobility



Source: WRI India Analysis



Case Study 2: Increasing cycling safety & equity in India



Walking and
Cycling

Among female cyclists in India:

- 49% fear cycling in **main roads**.
- 34% fear cycling in **city junctions**.
- 20% fear **harassment** while cycling.



 **INDIA
CYCLES 4 CHANGE
CHALLENGE**

Being Differently-Abled Ultra Cyclist, I suffer in a different way. I feel pain while riding, with one leg efforts, but I'm glad to be there, doesn't matter whether it's raining or the sun is shining or whatever. As long as I'm riding my bike, I know I'm the luckiest person in the world who couldn't ride bicycle in her childhood. With a few incredible achievements and records, I literally fly when I'm on saddle and it's amazing feel what people can come up with while on two wheels of Bicycle.

- Geeta S Rao
Entrepreneur | Para Athlete | Triathlete
Ultra Cyclist | Limca Book of Record Holder

#Cycles2Freedom
#Cycles4Change
#ResetWithCycling

Case Study 3: India fossil fuel and renewable subsidies



Renewable Energy
in Transport

1

Oil and gas subsidies up by over 65%.



2

Renewable energy (RE) subsidies down by 35%, but likely to rise again.



5

Support for electric vehicles (EVs) has skyrocketed. EV subsidies have grown over 11 times since FY 2017.



Action Channels: NDC Transport Initiative for Asia



Facilitate a paradigm shift to zero-emission transport across Asia

- Create electric vehicle regulations
- Enhance fuel economy regulations
- Enable transition to low-carbon fuels.
- Build capacity in transport GHG modelling.
- Assess best practices for financing climate action.

This project is implemented by:



Federal Ministry
for the Environment, Nature Conservation
and Nuclear Safety



the Federal Republic of Germany

Action Channels: LEDS Global Partnership Transport Working Group

Global approaches

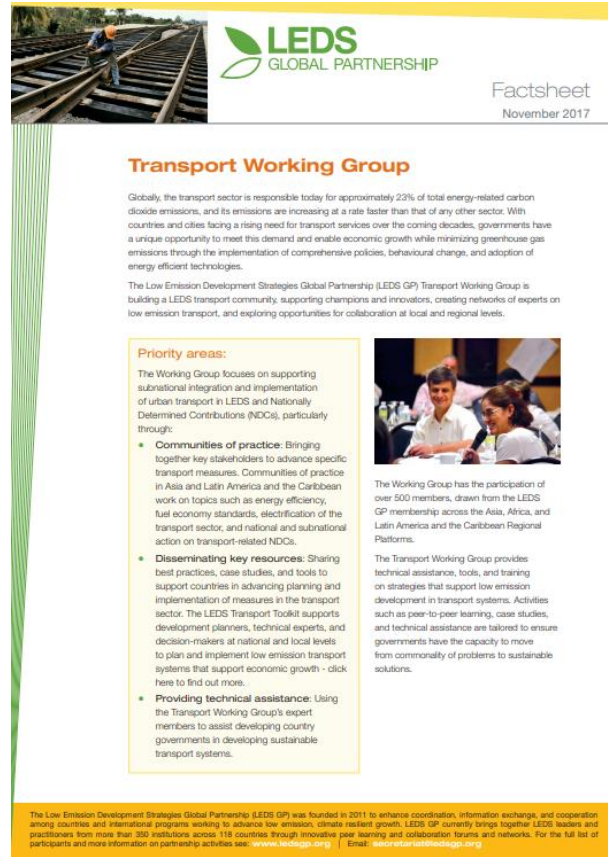
- LEDS Transport Toolkit

Regional approaches

- Workshops to meet regional needs

Local approaches

- In-country support through Climate Helpdesk



LEDS
GLOBAL PARTNERSHIP

Factsheet
November 2017

Transport Working Group


Globally, the transport sector is responsible today for approximately 23% of total energy-related carbon dioxide emissions, and its emissions are increasing at a rate faster than that of any other sector. With countries and cities facing a rising need for transport services over the coming decades, governments have a unique opportunity to meet this demand and enable economic growth while minimizing greenhouse gas emissions through the implementation of comprehensive policies, behavioural change, and adoption of energy efficient technologies.

The Low Emission Development Strategies Global Partnership (LEDS GP) Transport Working Group is building a LEDS transport community, supporting champions and innovators, creating networks of experts on low emission transport, and exploring opportunities for collaboration at local and regional levels.

Priority areas:

The Working Group focuses on supporting subnational integration and implementation of urban transport in LEDS and Nationally Determined Contributions (NDCs), particularly through:

- **Communities of practice:** Bringing together key stakeholders to advance specific transport measures. Communities of practice in Asia and Latin America and the Caribbean work on topics such as energy efficiency, fuel economy standards, electrification of the transport sector, and national and subnational action on transport-related NDCs.
- **Disseminating key resources:** Sharing best practices, case studies, and tools to support countries in advancing planning and implementation of measures in the transport sector. The LEDS Transport Toolkit supports development planners, technical experts, and decision-makers at national and local levels to plan and implement low emission transport systems that support economic growth - click here to find out more.
- **Providing technical assistance:** Using the Transport Working Group's expert members to assist developing country governments in developing sustainable transport systems.



The Working Group has the participation of over 500 members, drawn from the LEDS GP membership across the Asia, Africa, and Latin America and the Caribbean Regional Platforms.

The Transport Working Group provides technical assistance, tools, and training on strategies that support low emission development in transport systems. Activities such as peer-to-peer learning, case studies, and technical assistance are tailored to ensure governments have the capacity to move from commonality of problems to sustainable solutions.

The Low Emission Development Strategies Global Partnership (LEDS GP) was founded in 2011 to enhance coordination, information exchange, and cooperation among countries and international programs working to advance low emission, climate resilient growth. LEDS GP currently brings together LEDS leaders and practitioners from more than 350 institutions across 118 countries through innovative peer learning and collaboration forums and networks. For the full list of participants and more information on partnership activities see: www.ledsgp.org/ | Email: secretariat@ledsgp.org



Partnership on Sustainable,
Low Carbon Transport



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SLOCAT Transport and Climate Change Global Status Report

2nd edition



Tracking Trends in a Time of Change:
The Need for Radical Action Towards
Sustainable Transport Decarbonisation

SLOCAT Partnership on Sustainable,
Low Carbon Transport

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