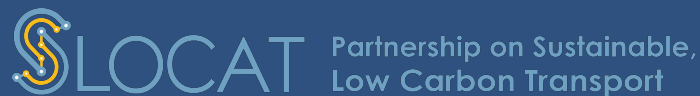




Surface Transport Decarbonisation Index (HVT057)

March | 2024



Consortium partner:



About SLOCAT

SLOCAT is the international, multi-stakeholder partnership powering systemic transformations and a just transition towards equitable, healthy, green and resilient transport and mobility systems for the people and the planet. We deliver on our mission through co-creation, co-leadership and co-delivery across knowledge, advocacy and dialogue activities in the intersection between transport, climate change and sustainability.

Our multi-sectoral Partnership engages a vibrant and inclusive ecosystem across transport associations, NGOs, academia, governments, multilateral organisations, philanthropy and business; as well as a large community of world-class experts and change-makers. Going where others do not or cannot go individually, our Partnership is leveraged to set ambitious global agendas and catalyse progressive thinking and solutions for the urgent transformation of transport and mobility systems worldwide.

Our mission

SLOCAT enables collaborative knowledge and action for sustainable, low carbon transport, and brings the voice of the movement into international climate change and sustainability processes.

Drastic action is urgently needed for the world to stand a chance of achieving its climate and sustainability goals.



The Transport Decarbonisation Index (TDI)'s objectives:

- 1. Enables benchmarking and comparison**
Structured analysis of transport in LMICs through **benchmarking and comparison** will assist in identifying impactful actions on reducing GHG emissions.
- 2. Puts transport on low-carbon pathway**
The TDI will **indicate LMICs' preparedness and ability** to achieve net zero by 2050 to limit global warming to 1.5 degrees Celsius above pre-industrial levels.
- 3. Supports capacity**
The TDI will show how to overcome data gaps and support informed policy-making. It will **support LMICs in developing their Nationally Determined Contributions** as well as long-term monitoring of their climate pledges.

Scope of the TDI:

All surface transport modes (road, rail, metro, formal and informal collective transport, walking, cycling and inland water transport).

A group of selected LMICs in Sub-Saharan Africa and South Asia.

A comprehensive assessment of each country's surface transport system and progress towards low-carbon transport.

Relevant **key areas** such as: policy, capacity, gender, equity and inclusion, and just transition.

Insights of the State-of-Knowledge Report and Workshop

The TDI needs to be **responsive to the needs and availability of information** in the target regions.

The dimensions of the TDI should capture:

- the **current status** of transport GHG emissions;
- **readiness** towards decarbonising surface transport.

Goal should be to **utilise available and comparable** core indicators. The results should be kept simple to convey the key messages in an efficient manner.

Stakeholder engagement is crucial to ensure the TDI's relevance and end-user ownership.

Fundamental principles and quality criteria for the TDI



Transparency

Communicate results and methodology openly



Robustness

Assess uncertainties of the TDI, its dimensions and indicators



Credibility

Ensure accuracy & follow established guidelines



Collaboration

Engage stakeholders and experts from the beginning



Fit for Purpose

Validate and ensure relevance to meet the needs of end-users



Refinement

Enable iterative and continuous improvement of the TDI

Next immediate steps for the TDI:

Develop the Initial TDI methodology

- Indicators, weighting and scoring.
- Assessment approach fit for operationalisation in LMICs.
- Potential data sources and solutions to overcome data gaps.

Apply the TDI methodology

- Two rounds of pilot testing:
 - 1st round: 4 to 6 countries.
 - 2nd round: 6 to 10 countries.
- Incl. stakeholder consultations on the results.

learn more at

transport-links.com

