

SUSTAINABLE MOBILITY FOR ALL INITIATIVE (SuM4All)

PILOTING THE GLOBAL ROADMAP OF ACTION TOWARD SUSTAINABLE MOBILITY IN SOUTH AFRICA

SARF GA Seminar – 26 November 2020



International Road Federation
Fédération Routière Internationale
Federación Internacional de Carreteras
www.irfnet.ch

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SUM4ALL VISION AND FRAMEWORK

A **premier platform** for international cooperation on transport and sustainable mobility issues. Established in 2017 and convened by the World Bank, it brings together **55** influential public and private organizations with a shared ambition to transform the future of mobility. (www.sum4all.org)



LINKAGE BETWEEN TRANSPORT AND SDGs



Transport as a key enabler to achieve SDGs

- ✓ Safe and accessible mobility options for an inclusive society
- ✓ Integrated and efficient transport system for a growing and prosperous society
- ✓ Green Transport for emissions reduction
- ✓ A critical enabler to other SDGs (Unless countries double down their efforts to promote sustainable mobility, there will be insufficient progress on several major SDGs)

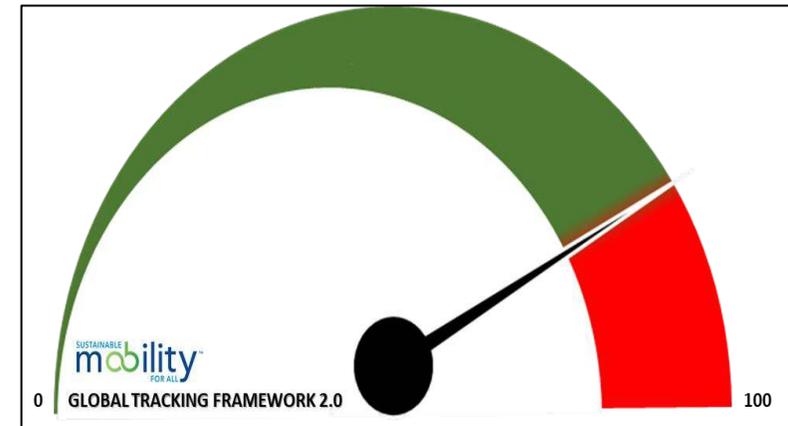
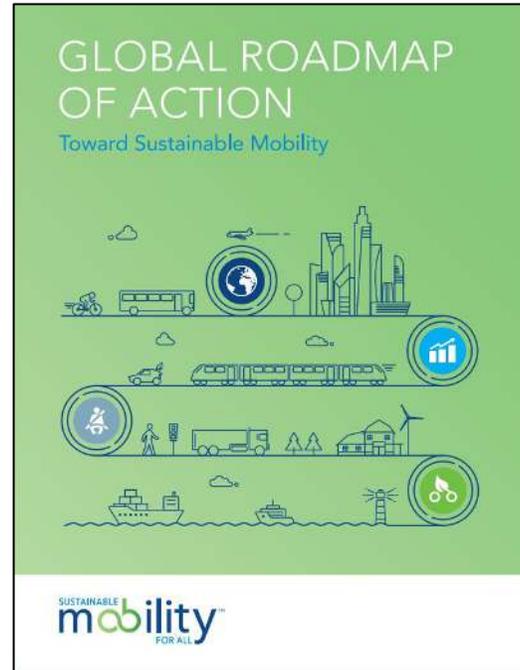
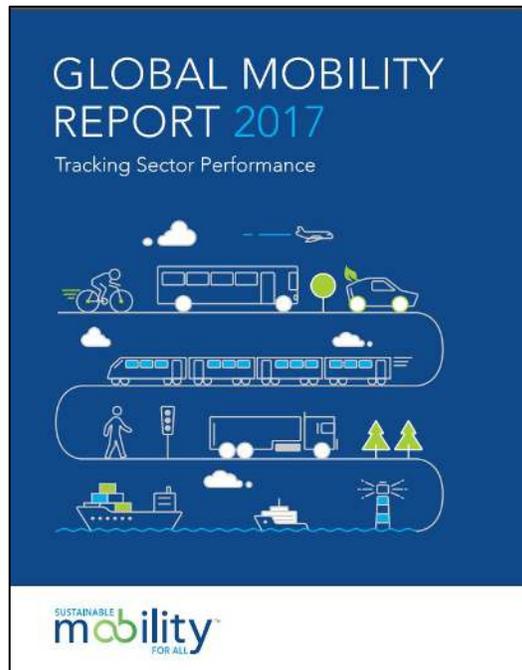
SuM4All CONSORTIUM MEMBERS



KEY ACCOMPLISHMENTS

In only three years, SuM4All leverages the knowledge of its member organizations to develop tools that assess and guide the journey toward sustainable mobility and overall achievements of the SDGs.

- ✓ we established the imperative on the urgency to act on mobility issues and
- ✓ since 2019, we can provide guidance to countries and cities on "how to" achieve sustainable mobility.



GLOBAL ROADMAP OF ACTION TOWARD SUSTAINABLE MOBILITY (GRA)

What?

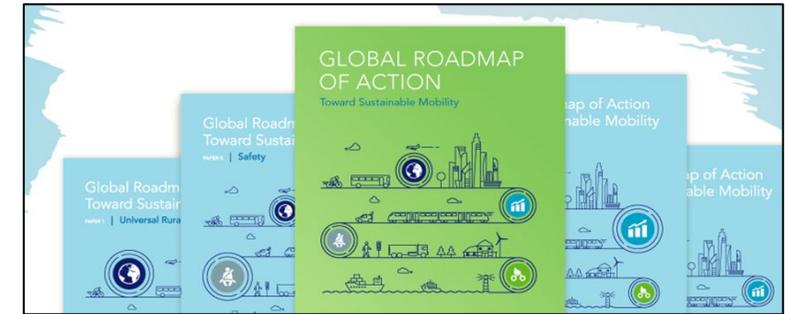
The first-ever comprehensive effort to consolidate global knowledge and experience on the best available policy and investment options for countries to progress toward the four policy goals, across all modes of transportation.

Ongoing upgrade to account for **transport system resilience** to extreme weather and health shocks such as pandemics.

Comprises the main report, six policy papers, and a private sector consultations paper, available from www.sum4all.org/gra

Why?

To assist countries in identifying the most impactful policies and investments to achieve the SDGs (prioritization based on data and global experience).



Also available via an interactive platform!



www.sum4all.org/online-tool

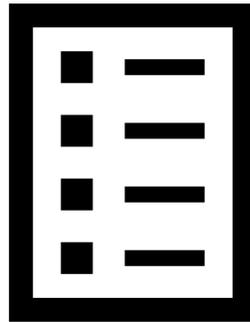
South Africa is first country to pilot the use of the GRA to guide investment choices in transport.

PILOTING THE GRA IN SOUTH AFRICA - OBJECTIVE

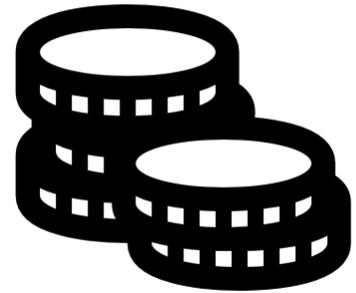
In partnership with DBSA, SuM4All is piloting the use of the **Global Tracking Framework (GTF 2.0)** and the **Global Roadmap of Action toward Sustainable Mobility (GRA)** in **South Africa**. This activity will measure and accelerate South Africa progress towards the SDGs through Transport. The output will consist of three components:



Diagnostic



Action Plan



Costing the
Action Plan



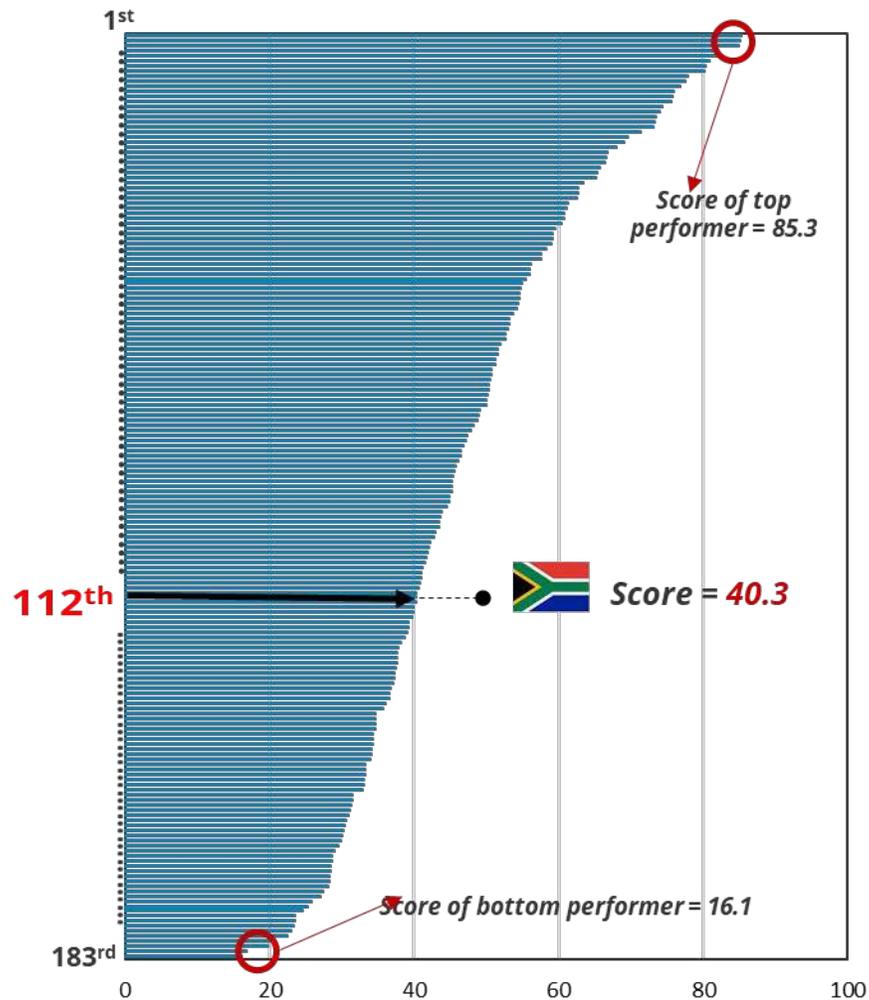
Benchmark South Africa's transport system (across all modes of transport) on sustainable mobility and its capacity to support the SDGs and be resilient to a global pandemic:

- Leverage dataset from the World Bank and SuM4All partners (ICAO, IRF, UNCTAD, Michelin, GoMetro)
- Use the sustainability mobility metrics to assess SA's performances relative to peers and
- conduct a “sustainability gap” analysis.

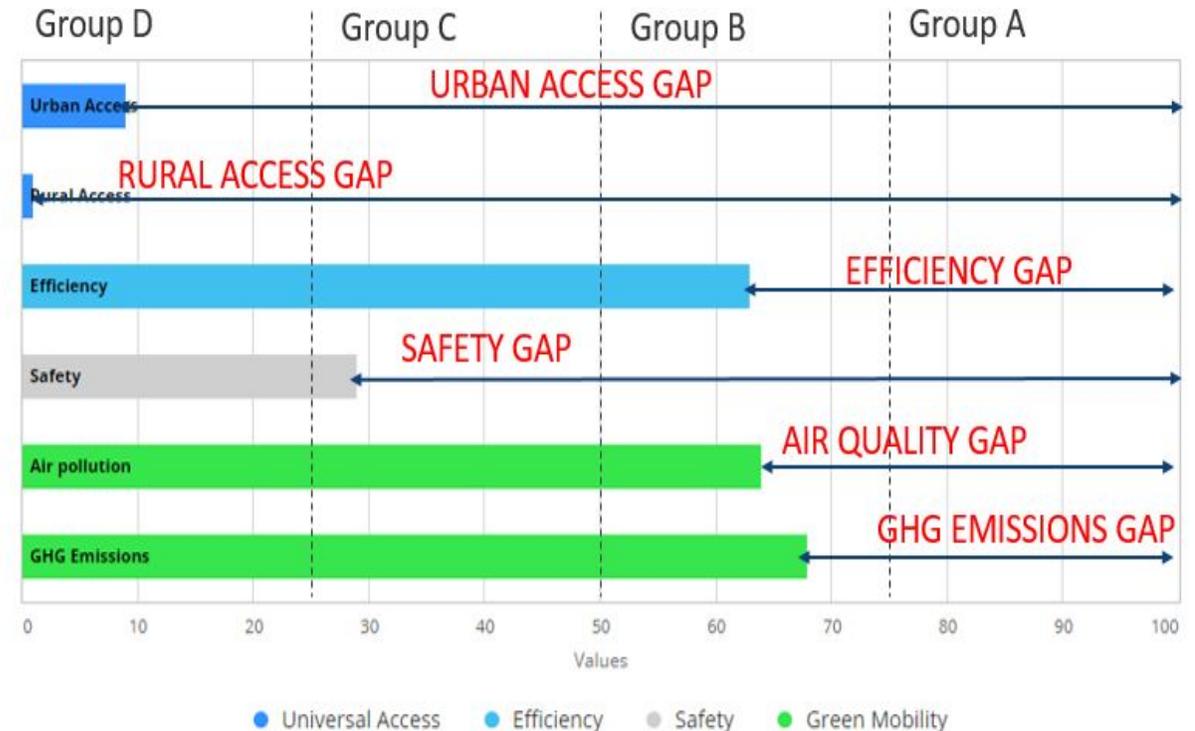
Production of **Diagnostic paper** since summer with expectation to finalize it in January 2021

DIAGNOSTIC

Global Sustainable Mobility Index Score and Ranking

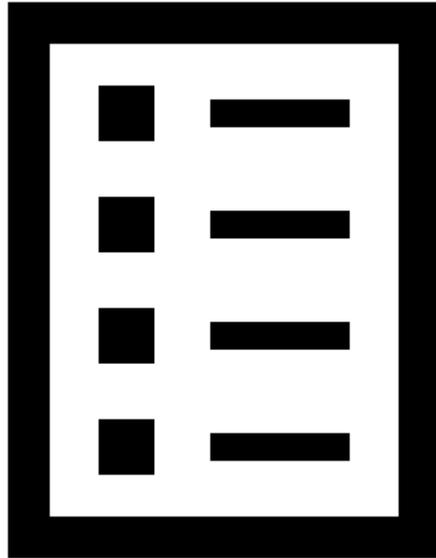


Sustainability Gaps by Policy Goal



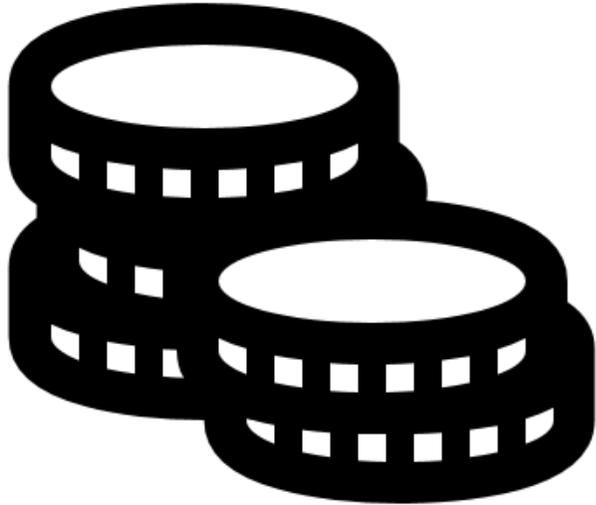
Scale: 100 represents the best performing country and 0 the bottom performing countries.
Indicators: Rural Access Index, Rapid Transit to Resident Ratio, Logistics Performance Index, Mortality Caused by Road Traffic Injury, Transport-Related GHG Emissions per Capita, and PM 2.5 Air Pollution Annual Exposure.

Source: GRA (www.sum4all.org/online-tool)



Identify the top 30 priority actions based on best available global knowledge

- Rely on the GRA 2.0 - Upgrade on the Global Roadmap of Action toward Sustainable Mobility (GRA) to account for resilience to identify the catalogue of policy measures to achieve sustainable mobility
- Apply the algorithm to generate an “action plan” with the most impactful policies and investments for achieving sustainable mobility, while minimizing the risks of systemic disruptions.
- Refine the action plan in collaboration with local counterparts.



Quantify infrastructure investment needs in two critical areas of the action plan, using:

- Rural Accessibility model
- Urban transport models

*The scope will be confirmed once the action plan is generated.

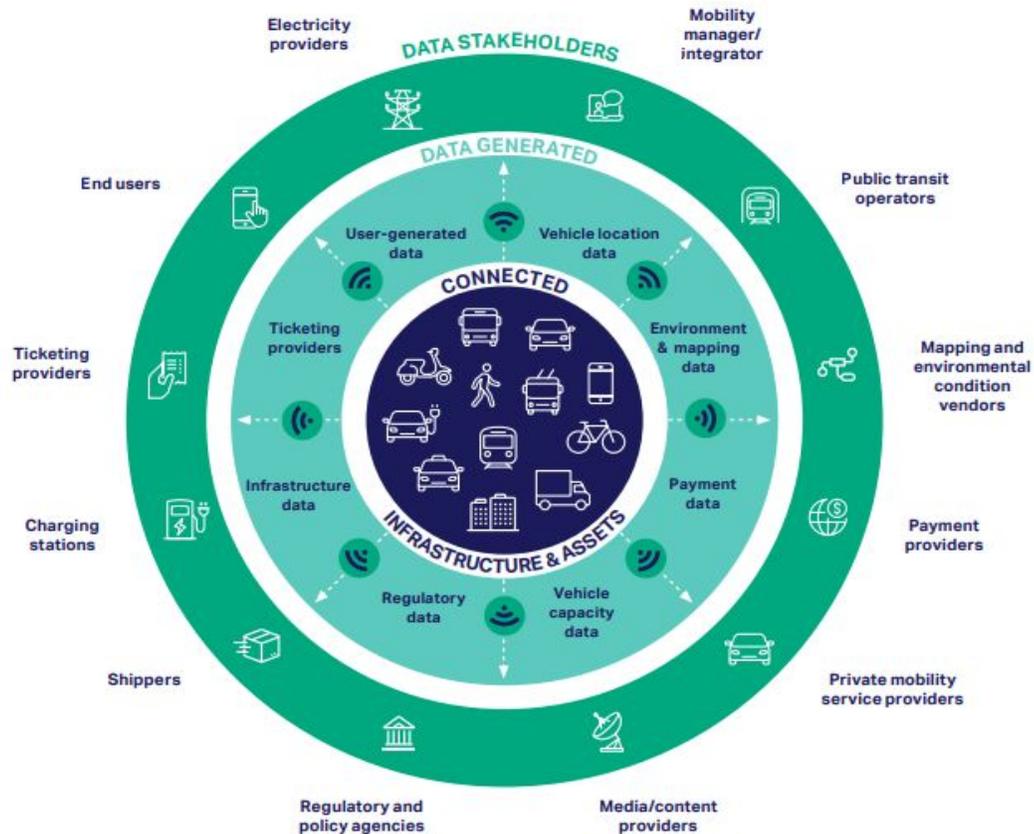


Working Group
**Data Sharing for Sustainable
Urban Mobility**

IRF Co-leads with  wbcscd



Overcoming barriers to data sharing can help realize significant value



High potential for change

Global MaaS market estimated to reach > USD 200 Billion¹ by 2026; The value of vehicle-generated data alone could create a total revenue of pool of USD 450 – 700 billion by 2030²

Global “Intelligent Mobility” market could be worth around GBP 900 billion by 2025³

Data-sharing and digitalization to support mobility systems leapfrog for developing regions

¹ Fortune Business Insights

² McKinsey

³ Catapult Transport Systems

Several barriers to data sharing

Privacy: sharing mobility data could put users’ privacy at risk

Cybersecurity: ensuring the protection of sensitive data is a pre-condition of sharing

Ethics: the use of data and the purpose of its collection and aggregation must remain fair to all

Interoperability: the ability to share data and analyze often represents a challenge

Competition: data with others is often perceived as a source of competitiveness

We mobilize multi-sector expertise in our working group for change

Members:

 Your Journey, Our Passion	 A BETTER WAY FORWARD			 THE WORLD BANK IBRD • IDA WORLD BANK GROUP	 International Finance Corporation WORLD BANK GROUP
		 Institute for Transportation & Development Policy	 Partnership on Sustainable, Low Carbon Transport		
					
		 ADVANCING PUBLIC TRANSPORT			
	<i>Businesses</i>		<i>Non-Profits</i>		<i>Other International Orgs</i>

Observers:

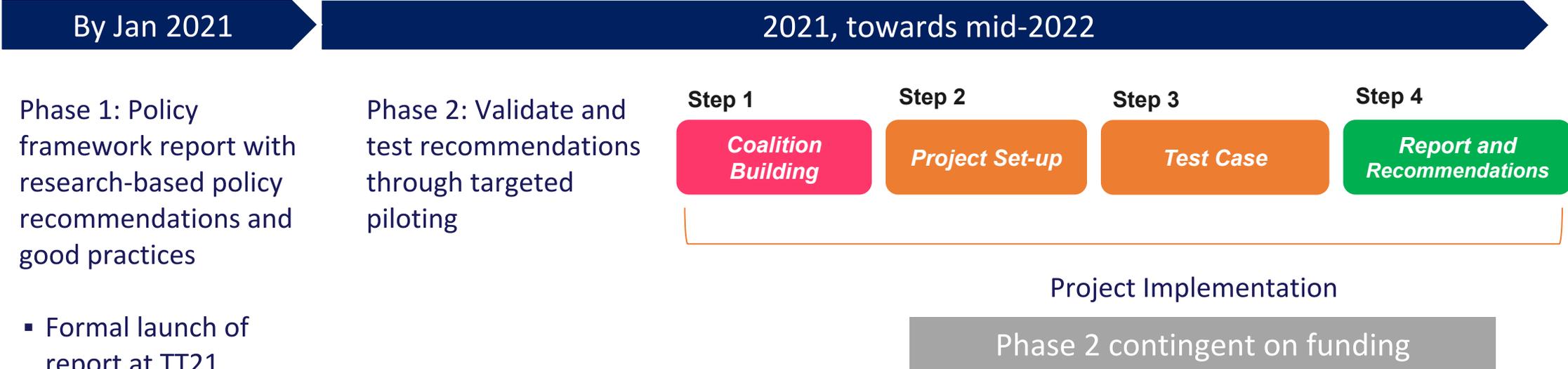
						
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Co-Chairs:

	 International Road Federation Fédération Routière Internationale Federación Internacional de Carreteras
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Current Status and Plans for 2021

Next Steps



**South Africa being considered as one of the pilots.
Opportunities to collaborate!**

THANK YOU FOR YOUR ATTENTION!



International Road Federation
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visit our website
www.sum4all.org



join the conversation on
[#SuM4All](https://twitter.com/SuM4All)



join our linked in group
Sustainable Mobility for All
(SuM4All)

ANNEX

SuM4All CONSORTIUM MEMBERS



GLOBAL TRACKING FRAMEWORK (GTF 2.0)

What?

A global dashboard with a catalogue of more than 100 country-level transport-related indicators to measure performances of the transport sector and track progress towards sustainable mobility (covering all modes of transportation).

Why?

A tool to complement the UN Statistical Commission's efforts to develop a robust monitoring framework for transport, in relation to the SDGs.

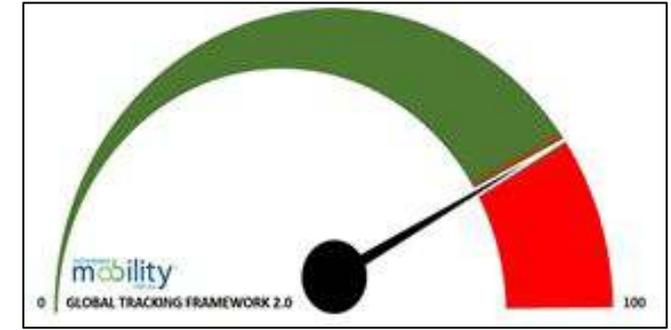
A platform to diagnose, monitor and benchmark country mobility performances, covering all modes of transport. (i) 40 country level indicators to measure progress on universal access, efficiency, safety, and green mobility; and (ii) its score and global ranking on sustainable mobility.

Impact!

Country Dashboards: Use data and evidence to inform and steer the dialogue with client countries on investments in transport.

Benchmark country mobility system against other countries in the world on sustainable mobility

Several World Bank Projects have included SuM4All GTF data in project documents.



183 countries available online!



<https://sum4all.org/gra-tool/country-performance/snapshot>

MOBILITY AT A GLANCE: COUNTRY DASHBOARDS

What?

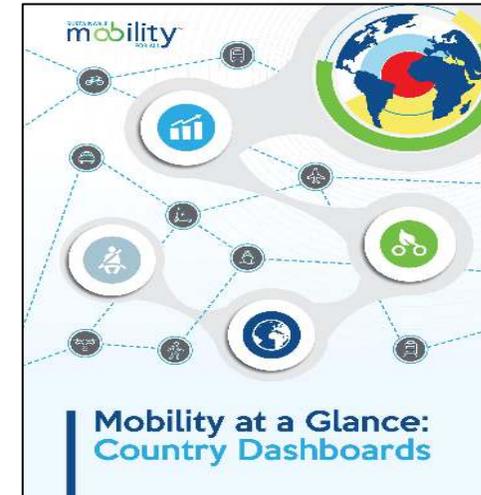
A platform to diagnose, monitor and benchmark country mobility performances, covering all modes of transport. Each country dashboard contains: (i) 40 country level indicators to measure progress on universal access, efficiency, safety, and green mobility; and (ii) its score and global ranking on sustainable mobility.

Why?

Operationalizing the first-ever transport Global Tracking Framework, this revolutionary tool complements the UN Statistical Commission's efforts to develop a robust monitoring framework for transport, in relation to the SDGs.

Impact!

Use data and evidence to inform and steer the dialogue with client countries on investments in transport. Several World Bank Projects have included SuM4All country dashboards in project documents.



183 countries available online!



<https://sum4all.org/gra-tool/country-performance/snapshot>

GRA IN ACTION: DEEP DIVE ON POLICE MEASURES

- In addition to GRA implementation in countries, the priority in 2020 was also **its refinement in selected areas** (including the transport-energy nexus, e-mobility, public-private data sharing, and gender).
- Data sharing, Energy and mobility, E-mobility, and gender and diagnostic working groups are conducting a **deep dive on policy recommendations from the GRA's Catalogue of Policy Measures (CPM)** down to the level of granularity that makes those policy recommendations actionable.
- WBCSD, IRF, SEforAll, [DFID/HVT], TUMI, UITP, FIA Foundation, and the World Bank led their working group in the production of an **intermediate paper** in June and are on track to deliver their final products by January 2021.
 1. the first-ever **policy framework to enable data sharing** between the public sector and private operators in cities;
 2. a **policy toolkit** to devise mobility solutions in cities within the **green energy** context;
 3. the **policy framework** for promoting **e-mobility**; and
 4. a **diagnostic** of South Africa's mobility system through the **gender lens**.