

SUSTAINABLE
mobilityTM
FOR ALL



**ANNUAL
REPORT**

2022

**Raising the Profile of Transport
to Address Global Challenges**

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SuM4All 2022 Annual Report

Raising the Profile of Transport to Address **Global Challenges**

With the financial support of



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1. In Our Words

We express our utmost gratitude to our 56 member organizations, donors, and partners for another fantastic year of accomplishments on our collective journey. In 2022, the SuM4All Partnership helped elevate the “Just Transition” principle in the global debate on the right pathway to decarbonize the transport sector. We used every opportunity to demonstrate that it is possible to reduce carbon emissions in transport while concurrently meeting broader connectivity and mobility needs without sacrificing progress on safety, efficiency, and inclusion.

SuM4All continued to provide thought leadership, advocate globally for sustainable mobility—including at the UN’s 27th Conference of Parties (COP27) in November 2022 at Sharm El Sheikh, Egypt—and engaged in a pilot program to implement the Global Roadmap of Action (GRA) and its associated set of policy tools. We launched five papers as contributions to COP27 in the “GRA in Action Series.” They include: (i) E-mobility in Low-Income Countries in Africa: Finance, Governance, and Equity; (ii) Decision-Making Tool for E-Mobility Investments; (iii) Electromobility and Renewable Electricity: Developing Infrastructure for Synergies; (iv) Empowering E-mobility in the Global South: The Case of Two Cities—Cuenca and Nairobi; and (v) How to Unlock Public Transport for Climate and Sustainable Development: Six Areas for Action. Furthermore, we continued to strengthen the “Catalogue of Policy Measures” with additional guidance about how to implement selected policies and case studies in the areas of safety, freight and logistics, and gender. We compounded this with continued global advocacy and championing of the sustainable mobility agenda by engaging at the most influential international gatherings on transport, including Transforming Transportation, the International Transport Forum Summit, Movin’ on Summit, UNDESA International Mayors Forum 2022, and the Sustainability Forum Meeting, among others.

Sustainable mobility is not an end in itself, but rather, a means to achieve development outcomes and tackle global development challenges such as poverty, climate change, pandemics, and supply chain disruptions, among others. The SuM4All partners understand that to move from advocacy to action, we must improve decision making in transport policy. To this end, we have updated key tools for policy and decision makers such as the Catalogue of Policy Measures,¹ the Global Tracking Framework for Transport,² and the country mobility dashboards.³

As we continue to influence the sustainable mobility agenda, we trust that together we will help countries deliver on their ambitions honoring the UN’s Sustainable Development Goals (SDGs) and the climate goals of the Paris Agreement.

***Sustainable Mobility for All
Steering Committee
(On behalf of 56 member organizations)***

Notes

1. <https://www.sum4all.org/key-products/catalogue-policy-measures-cpm>
2. <https://www.sum4all.org/global-tracking-framework>
3. <https://www.sum4all.org/gra-tool/country-performance/snapshot>



2. Spotlight on 2022

By the numbers

68,000 Page views of the Partnership website	3,044 Downloads of published papers or reports from the Partnership website	328 Participants in the SuM4All bi-annual membership meetings	100 Organizations involved in working groups or streams
61 Citations and references of Partnership and products in academic or professional material	8 Organizations that invited the Partnership to contribute to events or working groups or research	7 Published blog articles	5704 Subscribers to SuM4All's monthly newsletter

SuM4All upgraded policy tools and released publications while advocating for sustainable mobility in international contexts.

Key Publications



SuM4All released five new GRA in Action Series papers covering the electromobility model from the perspective of African low-income countries, a decision-making tool on e-mobility investments, reimagining public transport, and the electric mobility and renewable energy nexus.

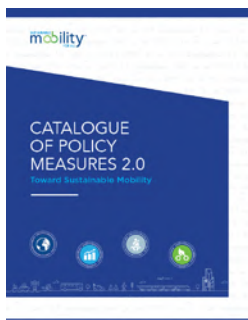
<https://www.sum4all.org/publications/gra-action-series>

SuM4All released the second edition of “Mobility Performance at a Glance: Country Dashboards 2022” compiling profiles of transportation and mobility systems of 183 countries, using the latest data available for 60 transport indicators.



 https://www.sum4all.org/data/files/mobilityataglancereport-2022-pagebypage_web.pdf

Key Tools Upgraded



SuM4All updated the “Catalogue of Policy Measures” by adding 12 policy instruments to account for sanitary risks in the face of the COVID-19 pandemic in addition to more granularity on policy instruments on data sharing, e-mobility, and the transport and energy nexus.

 <https://www.sum4all.org/data/files/cpm20041822v6web.pdf>

SuM4All updated the Global Tracking Framework for Transport (GTF) with 16 new transport-related indicators with updated data for 44 other indicators.



<https://www.sum4all.org/news/launched-global-tracking-framework-transport-30-0>



SuM4All updated the data and policy modules of the Policy Decision making Tool for Sustainable Mobility were updated to version 3.0 using the input from the GTF 3.0 and CPM 2.0

<https://www.sum4all.org/online-tool>

Advocacy and Outreach in Key Events



SuM4All launched five new “GRA in Action Series” publications to help shape policy directions on the future of mobility. Partnered with the German Federal Ministry for Cooperation and Development, Transformative Urban Mobility Initiative, World Resource Institute, and Michelin to shape a dedicated SLOCAT Transport Day on November 15.



SuM4All participated in the special edition of Movin'On Inside entitled “Electromobility in Africa” to discuss “How can Africa leapfrog sustainable mobility?”



SuM4All participated as a panelist in “An Invitation to the Table: Listening to All for Better Access for All”. This session discussed obstacles that prevent an inclusive approach to public decision making in transport. On the forum’s last day, SuM4All co-organized a session with the International Road Federation (IRF) and the High-Volume Transport Applied Research on resilient transport systems for more resilient and inclusive societies.

TRANSFORMING >> TRANSPORTATION

SuM4All organized a high-level technical session entitled “An Innovative Policy Approach for Sustainable Mobility”. The session: (i) presented the value of SuM4All’s approach and tools for improved public decision making in transport and the promise it holds for countries, and (ii) discussed how to replicate it in other countries’ contexts.

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Making Connections
Transport Learning Week

SuM4All trained World Bank staff on the use of tools developed by the Partnership to help them make transport choices better aligned with the Sustainable Development Goals and the Paris climate targets.



3. Who We Are

SuM4All is a global coalition comprising 56 international and private companies that share a common ambition toward sustainable mobility and that have agreed to work together toward transforming transport systems to make them more sustainable. Membership reflects the diversity of voices and interests in the transport space and includes: (i) five multilateral development banks; (ii) thirteen UN and intergovernmental organizations; (iii) four bilateral partners; (iv) ten private sector and business associations; and (v) twenty-four global civil society organizations.



Our Vision



A world where the global mobility system is a catalyst for addressing 21st century global challenges—climate change, global development, equity and inclusion, and peace.

Our Mission



Use the power of our combined voices to transform the global mobility system and achieve sustainable mobility.

Our Focus



- **Thought Leadership:** Develop an innovative approach with a unique set of tools and guidance for improved decision making in transport and ensure that policy choices are aligned with the Paris Climate Agreement and in support of the Sustainable Development Goals.
- **Global Advocacy:** Influence global and country decision makers on policy choices in transport.
- **Country Action:** Policy dialogue and technical assistance- Support countries in prioritizing the best policies and investments to reach sustainable mobility.

Unique Value



- Ability to transform the transport sector and make sustainable changes.
- International credibility.
- Partner of choice for global and country conversations on mobility solutions.
- Mobilization of an influential network of decision makers, practitioners, leading organizations, and thought leaders to drive action in transport.

What We Stand For



We believe that universal, efficient, safe, and green mobility are essential to achieve the sustainable development goals (SDGs), reach the climate objectives of the Paris Agreement, and build a better future for the planet.

Figure 1: The four goals of sustainable mobility.



UNIVERSAL ACCESS

Connect all people, including women and communities to economic and social opportunities



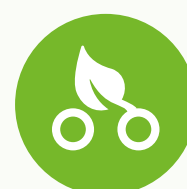
EFFICIENCY

Optimize the predictability, reliability and the cost effectiveness of mobility system



SAFETY

Drastically reduce fatalities, injuries and crashes



GREEN MOBILITY

Minimize the environmental footprint of mobility (GHG emissions, noise and air pollution)

What We Offer

- **Strategic trusted voice on sustainable mobility:** Local and global advocates on issues related to sustainable mobility in international forums and country dialogues.



- **Technical content and guidance:** Guidance on and assistance with the use of decision-making tools developed by the Partnership—Global Tracking Framework for Transport, Global Roadmap of Action Toward Sustainable Mobility.

- **Capacity building:** Training of transport practitioners and decision makers in the use of SuM4All's new approach and set of tools for improved decision making in transport.



- **Piloting technical assistance:** Preparation of transport system's diagnostic, selecting policy priorities, and definition of roadmaps of action.

Our Working Groups

SuM4All continues to expand its influencing role in the transport sector through a unique partnership model, in which member organizations via working groups have contributed in-kind (time, knowledge, and expertise) to collective knowledge generation. The working groups and secretariat have been instrumental in delivering on the three objectives of the Partnership: (i) Thought Leadership, (ii) Global Advocacy, and (iii) Country Action.

Since 2017, working groups have been created which are structured in way to deliver products for the Partnership. This model has proved to be an effective way to share and pull together the knowledge and expertise of member organizations and develop products through a common platform; specific terms of reference for each working group are available on the SuM4All website.¹

During the SuM4All 12th Consortium Meeting on February 15, 2022, the SuM4All Partnership launched six workstreams. Consortium members had the opportunity to enroll in at least one of the six workstreams and contribute time, knowledge, and expertise toward the success of the group(s) they selected. The working groups include:



- Working Group led by Transformative Urban Mobility Initiative (TUMI) and International Association of Public Transport (UITP), with 18 member organizations. In 2022 the working group produced a decision-making tool to guide city e-mobility investment choices - from e-buses, e-bicycles, EV-charging networks, e-taxis, e-motor bikes, and e-kick scooters. The working group also piloted the policy recommendations contained in “Sustainable Electric Mobility – Building Blocks and Policy Recommendations” in the cities of Cuenca, Ecuador, and Nairobi, Kenya. This paper reflects on the challenges faced and lessons learned in the process of establishing roadmaps of action toward sustainable e-mobility. Additionally, in collaboration with Energy & Mobility working group, they developed a joint position paper to provide guidance on coordination needs between transport and energy decision makers Low and Middle-Income Countries which was presented at COP27.



Energy-mobility Nexus

- Working Group led by Sustainable Energy for All (SEforALL) and the UK's High-Volume Transport Applied Research (HVT) Programme, with 20 member organizations. The working group's focus is on accelerating cross-sectoral action to decarbonize transport. They are conducting a pilot of the "Digital Toolkit for Energy and Mobility" and a field study on the development of policies and investments in transport and the renewable energy sector in the cities of Kisumu and Mombasa in Kenya to inform further action on the ground. In 2022, the working group collaborated with E-Mobility working group and developed a joint position paper to provide guidance on coordination needs between transport and energy decision makers Low and Middle-Income Countries which was presented at COP27.



Public Transport

- Working Group led by World Resources Institute (WRI) and World Bank (WB), with 13 member organizations. The working group deep dived into urban access, with the development of a set of shared principles for reimagining public transport systems in a post COVID era that will unlock public transport for climate and sustainable development.



- Working Group led by International Road Federation (IRF) and Michelin, with 16 member organizations. The working group did a deep dive on safety, with the development of actionable policy guidelines to shape national-level regulations on safety based on the Global Roadmap of Action toward Sustainable Mobility and the Second Decade of Action for Road Safety. The paper (i) provides multiple entry points to embed the Safe System approach to road safety along with a capacity development framework focusing on decision makers and road safety specialists; (ii) outlines strategies to increase awareness and build support for implementing the Safe System approach; and (iii) includes a synthesis of evidence-based case examples and resources included throughout the document for LMICs.



- Working Group led by the FIA Foundation and Walk21, with 22 member organizations. The working group conducted a deep dive into gender issues from a global perspective, taking a cross sectoral perspective, and developing an understanding of how to support women's professionals in transport. They use an evidence base of the online survey with 300 respondents representing all regions and disciplines, complemented with 27 interviews on the current state of international and national policy frameworks and personal experiences of working in the transport sector. Moreover, the survey and interviews were utilized to (i) assess existing policies and positive actions; (ii) highlight key lessons from initiatives and processes which are having an impact; and (iii) identify essential actions to improve gender and diversity balance in the transport sector. A toolkit for change for working women in transport focuses on gender stereotyping, discriminatory work cultures, flexible working, and childcare provision, 'invisible' glass ceilings and restricted career options, and gender equity and wider diversity, behavior, and culture change.



- Working Group led by United Nations Conference on Trade and Development (UNCTAD) and World Bank (WB), with 11 member organizations. The working group is working on updating the international transport costs database, alongside a comprehensive global assessment of the determinants of freight costs through a compilation of cost data and indicators, and ways to reduce those costs.

Notes

1. <https://www.sum4all.org/news/our-workstreams>



4. Why it Matters

For a long time, public policy in transport focused on investing in large infrastructure projects and providing access to transport services. The endorsement of the 2030 Agenda for Sustainable Development with its 17 sustainable development goals (SDGs) and the Paris Climate Agreement in 2015 compelled an overall rethinking of transport policy making.

Because transport is a crucial enabler of other SDGs, the traditional siloed approach of the sector could no longer be sustained, and it became paramount to coordinate with other sectors like energy and agriculture. The SDG framework also imposed new transport requirements in safety, gender, climate, inclusion, and others beyond access. The new concept of sustainable mobility was born as the simultaneous pursuit of four policy goals: universal access, efficiency, safety, and green mobility.

It took a year for the international transport community to gather and agree on a common definition of sustainable mobility. In the journey of collective thinking, international organizations—coalesced under the Sustainable Mobility for All (SuM4All) umbrella—were instrumental in defining this concept and devising the pathway for countries to achieve that goal in 2017.

Fast forward to 2022, we have gathered the knowledge, tools, and lessons to assist countries on this pathway. Countries and organizations can now leverage the wealth of learned experiences into action. Reaching that ambition globally would propel substantial economic and social benefits; one billion people stand to be connected to education, health care, and jobs by eliminating the rural access gap, 800,000 premature deaths can be avoided per year if countries reduced their road traffic fatalities to the level of the OECD countries, and global GDP could increase by US\$2.6 trillion with improvement in border administration, transport, and communications infrastructure.



Two challenges threaten progress toward the attainment of these outcomes. The first is environment and climate change. The transport sector contributes about a quarter of energy-related greenhouse gas (GHG) emissions. Reducing emissions is complicated by the projected increased demand for motorized transport in the years to come. The last few UN Conference of the Parties (COPs) have shown the complexity of reaching a consensus on how to decarbonize the sector in a way that is globally responsible, affordable, and fair.

Second, transport has long suffered from a lack of true equity in planning, design, and implementation. For example, gender remains an active challenge in equity, despite garnering more attention and focus in the sector recently. Many communities have been left out of the decision-making process when considering urban design and infrastructure. Yet, minority or socially disadvantaged populations generally suffer more from negative transportation impacts. Equity is embedded in the SDGs but achieving it will require much diligence, active effort from public decision makers considering traditionally overlooked voices and communities, and corrective policies when it comes down to policy design and implementation.

Collectively, these dynamics both make the need for a new approach in transport abundantly clear and increase a sense of urgency for action today.

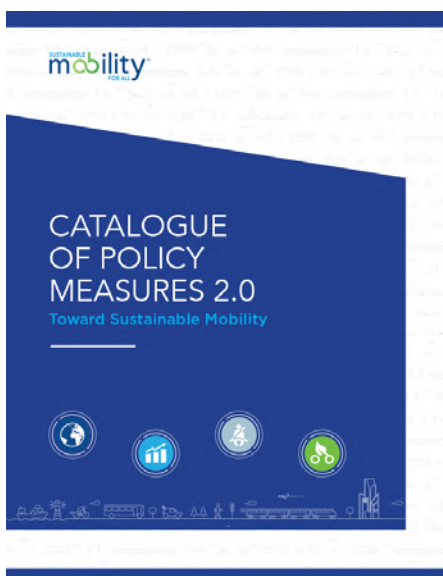


5. Raising the Profile of Transport to Address Global Challenges

In 2022, SuM4All continued to act toward and advocate for sustainable mobility—universal access, efficiency, safety, and green mobility—and a just transition toward low carbon development to influence global and country action on transport and sustainability. Under the three central pillars—thought leadership, global advocacy, and country action—the Partnership has made significant progress in tackling challenges such as the link of transport with the SDGs, decarbonization of the sector, pandemic, health, resilience, equity and inclusion, advocacy, COP27, and external engagement.

Thought Leadership

Catalogue of Policy Measures 2.0 Toward Sustainable Mobility



The Catalogue of Policy Measures (CPM) compiles all the policy instruments available to country decision makers to achieve sustainable mobility. The original Catalogue included 182 policy instruments and has been updated to now include 194 policy instruments.

The Catalogue of Policy Measures 2.0 reflects updates made online in the Policy Module of the Decision-Making Tool and expands on the original CPM published in 2019 (and included in the GRA) on three fronts:

- 12 additional COVID-19 related measures.¹
- Policy guidance and case studies derived from the Partnership's additional work on selected topics data sharing, e-mobility, and transport and energy nexus.
- Addition of the resilience criteria to appraise each policy instrument in the CPM.

Global Tracking Framework for Transport (version 3.0)

Unlike sectors such as energy and water that rely on the SDG metrics and targets to track sector performance, transport does not have a dedicated SDG. Yet, transport is essential to livelihoods, a contributor to economic and social development, and core to people's quality of life. As such, governments must know where their transport system stands, and whether it is sustainable. To do so, it was important to develop internationally agreed metrics to gauge sector performance and quantify the gap between ambition and reality.

In response, SuM4All developed the Global Tracking Framework for Transport (GTF) in 2017, which provides more than 60 country level transport indicators for 183 countries—to measure the performance of a country's transport system and its capacity to deliver on universal access, efficiency, safety, and green mobility—across all modes of transportation be it road, air, maritime, and rail. This framework was updated in 2022, and expanded for the second time as part of the effort to regularly update it with new data and new indicators.

Salient updates of the GTF 3.0 include:

- An additional set of 16 transport-related indicators compared to the first edition of Country Dashboards.²
- Latest data for 60 transport-related indicators.³
- New global sustainable mobility index (GSMI) for 183 countries. The GSMI is a measure of the extent to which the mobility system of a given country is sustainable. It is calculated as the average country performance on universal access, efficiency, safety, and green mobility.

$$\text{GSMI} = \text{Universal Access} + \text{Efficiency} + \text{Safety} + \text{Green Mobility} = \frac{\sum(\text{policy goal score})}{4}$$

- New estimates of the sustainability gap by policy goal for each country, which would enable them to identify priorities among transport issues. Sustainability gap analysis compares the country performance across all policy goals with the best performing country in the world and among peer income groups and regions.⁴
- An update of the income group benchmarking calculation for all indicators, across all countries, based on the recent World Bank Country Income Group Classification.

The latest GTF is reflected in the updated “Policy Decision-making Tool for Sustainable Mobility” version 3.0,⁵ under the data module.⁶





Mobility Performance a



The data can be accessed online⁸ via the “Global Tracking Framework for Transport” (GTF 3.0)—a structured repository of country level transport data and indicators available from partnering organizations. Along with the “Global Mobility Report 2022: Tracking Sector Performance” (GMR)—which is to be released soon—the “Mobility Performance at a Glance: Country Dashboards 2022” provides the tools and data basis to track the performance of transport systems around the world, and their progress toward delivering on universal access, efficient, safe, and green mobility.

These country profiles can help guide transport policy action, using sustainable mobility as the standard for system performances. By facilitating objective comparisons among countries, we hope that “Mobility Performance at a Glance: Country Dashboards 2022” will be a useful resource to support national debates on prioritization and formulation of transport strategies supporting sustainable mobility.

GRA in Action Series

The GRA in Action Series⁹—which SuM4All launched in 2020—is a report series that seeks to complement the GRA by providing a deeper level of granularity to the “Catalogue of Policy Measures”. Reports under this banner deep dive into select measures, reflecting on country examples and global experiences about how to implement them practically.



In 2022 SuM4All continued its drive toward country action by providing detailed guidance on “HOW to” implement some of the policies included in the CPM. Specifically, in anticipation of COP27 in November 2022, the SuM4All Partnership ramped up its policy work on the Just Transition toward low carbon development to influence global and country action on transport and sustainability.

Released under the GRA in Action series, SuM4All brought five important contributions to shape future policy directions:

- **E-mobility in Low Income Countries in Africa - Finance, Governance, and Equity:** The discussion paper contributes to the ongoing discussion on the just transition toward decarbonization and climate finance by focusing on E-mobility. Based on interviews and surveys of key African transport stakeholders, and a review of the academic and gray literature on e-mobility, energy, policy, and finance, this paper explores the relevance, fairness, and cost of transitioning to e-mobility in 23 African LICs. The paper focuses on the challenges and opportunities for governance and finance associated with a just and sustainable transition to E-mobility in African LICs.
- **Decision-making tool for e-mobility investments:** The tool outlines a simple and comprehensive decision-making tree to guide city managers, especially in the Global South to assess the suitability of specific investment choices—from e-buses, e-bicycles, EV-charging networks, e-taxis, e-motor bikes, and e-kick scooters—to suit prevailing urban mobility contexts and specific characteristics of cities.

- **Empowering e-mobility in the Global South:** The Case of Two Cities - Cuenca and Nairobi: Piloting the policy recommendations contained in “Sustainable Electric Mobility — Building Blocks and Policy Recommendations” in the cities of Cuenca, Ecuador, and Nairobi, Kenya, this paper reflects on the challenges faced and lessons learned in the process of establishing roadmaps of action toward sustainable e-mobility and the expected outcomes. The paper expounds on the prevailing state of e-mobility, building blocks for sustainable e-mobility, e-mobility plans, and public policies in the two cities.
- **Electromobility and Renewable Electricity:** Developing Infrastructure for Synergies: The paper explores the interdependencies and synergies of developing e-mobility and renewable electricity. Focusing on low- and middle-income countries (LMICs), this paper provides guidance on the critical role of coordination between transport and energy decision makers for joint development of e-mobility—road vehicles, ranging from two-wheelers to heavy duty vehicles, and rail—and renewable electricity.
- **How to Unlock Public Transport for Climate Change and Sustainable Development: Six Areas for Action:** The ambition to develop quality public transport has been insufficient, despite its centrality to reduce GHG emissions from transport. This paper emphasizes six vital strategic areas of action for reimagining and rethinking public transport to recover, thrive, and meet climate, health, access, and equity goals. The six actions are: (i) embrace public transport as a solution for climate and sustainable development; (ii) ramp up finance for public transport; (iii) shape cities and public transport for access and attractiveness; (iv) anchor public transport in strong institutions and collaborations; (v) drive public transport to be just and inclusive and; (vi) equip public transport for climate’s future. It provides more than 30 recommendations for action, giving examples of how cities and countries have brought these actions to life. These include: (i) adopt digital technologies for greater public transport efficiency and access with an example from Sierra Leone; (ii) embed public transport in national urban mobility policies and programs with an example from India, and (iii) give public transport dedicated space and way of right with an example from Mexico City among others.





Action And Technical Assistance

Over the course of 2022, SuM4All applied the partnership's set of policy decision making tools – including the Global Tracking Framework for Transport (GTF), Catalogue of Policy Measures (CPM), and the Selection Algorithm to generate tailored country action to achieve sustainable mobility – to country settings. Some salient examples include:

- **Sustainable Mobility in South Africa – Gender and Mobility Assessment and Roadmap for Action¹⁰:** The paper presents a deep dive assessment of South Africa's mobility system through the lens of gender, with priority policies to address the gender gap in transport. This paper provides a high-level assessment and concrete policy recommendations to close the most relevant gaps in gender and mobility policy and actions in the context of South Africa. The objective was to use the SuM4All framework as applied to a country context and do a deep dive into existing policies and data in the country relating to gender and mobility. It included a methodology that could be replicated in other countries, a data gap assessment, a policy gap assessment, and a suggested roadmap of the five most impactful policies that South Africa can quickly implement to further the course of gendered mobility.
- **India Green, Resilient, Inclusive, Efficient, and Safe Urban Mobility:** SuM4All helped shape the implementation of the ongoing Programmatic Advisory Service and Analytics (PASA) project of the World Bank which aims to support India to develop green, resilient, inclusive, efficient, and safe urban mobility, by providing a review of global practices and references, in line with its development objectives.
- **Guatemala InfraSAP:** SuM4All reviewed the Guatemala Transport Infrastructure Sector Assessment Program (InfraSAP) and operationalized the GTF to conduct a sustainability gap analysis for Guatemala on the four goals of sustainable mobility.





Global Advocacy

Influencing Global Debates on Transport

SuM4All continued to engage and develop opportunities in 2022 to elevate the “Just Transition” principle—with a systemic shift such that accrued benefits are shared and potential negative impacts mitigated—toward low carbon development, and demonstrate that it is not only desirable, but possible to reduce the environmental footprint of transport, without sacrificing progress on safety, efficiency, and inclusion. Key high level events that helped advance our advocacy included:

- Transforming Transportation 2022, Technical Session “An Innovative Policy Approach for Sustainable Mobility”.
- The International Transport Forum (ITF) Summit 2022 “Resilient transport for more resilient and inclusive societies” and “An invitation to the table: listening to all for better access for all”.
- The 2022 United Nations Climate Change Conference (COP27) “Role of E-mobility in Africa: Towards an inclusive low-carbon transition”. Together with Sustainable Low Carbon Transport (SLoCaT), SuM4All co-sponsored Transport Day at COP27 “Toward Meaningful Investment in Public Transport, Walking and Cycling”.
- The World Bank Transport Learning Week, training to World Bank Staff on “Data-Driven Approach to Achieve Sustainable Mobility in Client Countries”.
- International Mayors Forum 2022, United Nations Department of Economic and Social Affairs, “Sustainable Mobility: New Policy Approaches”.
- Sustainability Forum Meeting.
- Movin’ on Summit 2022 “Electric Mobility in Africa”.
- 16th North American Meeting of the Urban Economics Association: “3E. Roads and Highways”.
- Microsoft Arabia Sustainability Dialogues Podcast: “The Sustainability Dialogues in Saudi Arabia”.

Helping Shape the Sustainable Mobility Agenda

The SuM4All platform convened two (virtual) consortium meetings in February and October, 2022, to evaluate the progress of the Partnership, shape the work program, and discuss relevant topics. Additionally, the 14 Members of the Steering Committee met every month to steer the initiative.

Tagged, “En route to Sharm El Sheikh”, the 12th Consortium Meeting brought together Member organizations to engage country decision makers at a roundtable discussion to identify the most pressing demands for action on transport to bring forward at COP27.

The Partnership dedicated the 13th Consortium Meeting to position it in the runup to COP27 based on the theme of “Bringing Transport to COP27”. At the forefront were discussions of SuM4All’s flagship contributions to COP27 on important topics such as the e-mobility model from the perspective of African low-income countries, a decision-making tool on e-buses, reimagining public transport, and the renewable energy–transport nexus.



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Blogs and Newsletters

SuM4All published several blogs on the World Bank Group's Transport for Development website platform¹¹ and syndicated on the SuM4All website. It issued nine monthly Newsletters going to more than 5,704 subscribers and featured stories on its website with thousands of views. The SuM4All website¹² attracted more than 68,000 readers in 2022, reflecting new content, and its digital repository for tools, databases, and publications.

Notes

1. Additional COVID-19 measures are (i) Support cross-border trade of essential goods during crisis response; (ii) Safeguard the health and safety of transport workers; (iii) Adopt sanitary protocols and reduce crowding in passenger transport; (iv) Prepare contingency plans for the provision of lifeline mobility services for critical workers and emergency circumstances; (v) Use transport operator data to inform policy responses; (vi) Set up support programs for transport workers affected during crisis response; (vii) Activate capabilities of the transport sector in non-traditional ways during crisis response; (viii) Leverage innovative forms of mobility during crisis response; (ix) Support active modes as an alternative to motorized transport; (x) Implement smart and contactless fare collection systems; (xi) Support the transport sector's financial sustainability during the crisis and; (xii) Finance labor-intensive transport investment to stimulate the economy during a crisis.
2. New indicators added include: (i) Port call and performance statistics: number of port calls, annual – (All ships); (ii) Median time in port (days) – All ships; (iii) Average age of vessels – All ships; (iv) Average size of vessels – All ships; (v) Average cargo carrying capacity (dwt) per vessel – All ships; (vi) Average container carrying capacity (TEU) per container ship – All ships; (vii) Mortality caused by road traffic injury, female (per 100,000 female population); (viii) Mortality caused by road traffic injury, male (per 100,000 male population); (ix) Exports by main service – Transport (Annual estimates based on quarterly data – US Dollars at current prices in millions); (x) Imports by main service – Transport (Annual estimates based on quarterly data – US Dollars at current prices in millions); (xi) Access to Electricity (% of population); (xii) Control of Corruption (Score 0 – 100); (xiii) Mortality rate attributed to household and ambient air pollution, age-standardized, female (per 100,000 population); (xiv) Mortality rate attributed to household and ambient air pollution, age-standardized, male (per 100,000 population); (xv) Mortality rate attributed to household and ambient air pollution, age-standardized, total (per 100,000 population); (xvi) and Electricity production from oil, gas and coal sources (% of total).
3. List of indicators available from https://www.sum4all.org/data/files/GRA-Tool/sources_for_gtf_indicators_and_data_module.pdf
4. More details on the sustainability gap methodology is available from https://www.sum4all.org/data/files/GRA-Tool/country_groups_methodology_.pdf
5. <https://www.sum4all.org/online-tool>
6. The data module is a repository of all transport-related data and indicators structured around the four goals defining sustainable mobility: universal access, efficiency, safety, and green mobility.
7. https://www.sum4all.org/data/files/mobilityataglancereport-2022-pagebypage_web.pdf
8. <https://www.sum4all.org/gra-tool/country-performance/global>
9. The papers in the GRA in Action Series are available on SuM4All website via <https://www.sum4all.org/publications/gra-action-series>
10. https://www.sum4all.org/data/files/sustainable_mobility_in_south_africa-gender_and_mobility_assessment_and_roadmap_for_action.pdf
11. <https://blogs.worldbank.org/>
12. <https://www.sum4all.org/>

15 **Six topics for the future of mobility.** SuM4All Launched six workstreams to help shape the policy agenda on the following topics: E-Mobility, Energy–Mobility Nexus, Safety, Freight and Logistics, Public Transport, and Gender.

15 **SuM4All 12th Consortium Meeting.** Convened a roundtable discussion with four country representatives and discussed the top four transport issues to address at COP27.

15 **SuM4All 12th Consortium Meeting:** En-route to Sharm El Sheikh. The Partnership engaged with country decision makers at a roundtable discussion to identify the most pressing demands for action on transport to bring forward at COP27. Appropriate e-mobility choices, international cooperation, investing in public transport, and the business of exporting used vehicles to the Global South, were the issues that took center stage. The Partnership mobilized itself into working groups to delve deep into these issues, develop a clear policy agenda for action at COP27, and influence policy debates on these matters.

17 **Transforming Transportation 2022,** Technical Session “An Innovative Policy Approach for Sustainable Mobility” discussed the experience and lessons learned from implementing an innovative approach for improved decision making in transport in South Africa and closely examine how this approach could be replicated in other countries’ contexts to achieve sustainable mobility and accelerate progress toward achievement of the SDGs and the Paris Climate Agreement.

23 **Global Tracking Framework for Transport 3.0.** Updated with 16 new transport-related indicators with updated data for 44 other indicators. Also, integrated into the data module of the Policy Decision Making Tool for Sustainable Mobility.

5 **SuM4All 13th Consortium Meeting – Bringing Transport to COP27.** The meeting discussed the key contributions of SuM4All will present at COP27, how it would inform the debate on climate change, and express the cost and fairness in the transition to e-mobility in African low-income countries, guide decision making on e-mobility, synergies with investments in renewable energy, and reimagine public transport for economic development post-COVID-19.

Five New GRA in Action Series publications released at COP27. The policy papers on the “Just Transition” toward low carbon development aim to shape policy direction and influence global and country action on transport and sustainability.

30 **Launch of the Mobility Performance at a Glance: Country Dashboards 2022.** The report contains information on transport systems around the world, including profiles of 183 countries’ transportation and mobility systems and new estimates of the sustainability gap by policy goal for each country to identify priorities among transport issues. The report presents an updated ranking of all countries around the world, based on their global sustainable mobility index (GSMI) scores.

26 **Launched the Catalogue of Policy Measures toward Sustainable Mobility 2.0.** The second edition of the Catalogue of Policy Measures toward Sustainable Mobility (CPM) contains 194 measures to achieve sustainable mobility, which serve as a resource for transport decision makers and practitioners who are seeking to achieve safe, green, equitable, and efficient mobility.

18 **SuM4All at the International Transport Forum 2022.** SuM4All participated in the “Listening to All for Better Access for All” session which discussed the obstacles that prevent an inclusive approach to public decision making in transport. SuM4All co-organized a session on resilient transport systems for more resilient and inclusive societies. Moreover, the SuM4All Partnership and its contribution to the new thinking on data sharing was referred to at the Transport Ministerial meeting.

6. Achievements in 2022

7. High-level Endorsements



Nicolas Peltier
Global Knowledge
Director of Transport,
World Bank

“The World Bank values the SuM4All partnership and has no doubt that the sustainable mobility agenda is increasingly at the core of transport. The challenge – and the opportunity – is to reconcile the growing mobility needs of developing and emerging economies, with the imperative for inclusivity, safety, climate action and improved resilience. SuM4All can effectively contribute to this ambitious agenda with its four pillars: green, safe, inclusive and efficient mobility. We will continue working with our client countries to enable this transformation.”

“Through the dedicated and concerted work of the SuM4All Partnership and its members, key topics such as e-mobility for developing countries and a just decarbonization of transport have been placed prominently on the international agenda. BMZ and the Transformative Urban Mobility Initiative are excited to be part of this key initiative.”



Benjamin Jeromin
Senior Policy Officer,
Federal Ministry for Economic Cooperation
and Development (BMZ), Germany

SuM4All has continued to play a crucial role in advocacy and knowledge development for sustainable transport. For example, the work on e-mobility including the decision-making tool for e-mobility investments and work on e-mobility infrastructure, finance, governance, and equity in LICs, and issues around gender and transport for safety and labour. We look forward to this work continuing.



Anne Joselin

Infrastructure Advisor – Transport Research,
UK Foreign, Commonwealth
& Development Office (FCDO)



Nhan Tran

Head, Safety and Mobility,
(WHO) World Health Organization

Sustainable mobility is safe mobility. The knowledge and tools developed by SuM4All are critical to ensuring that Safety is at the core of transport planning and as such, an essential part of what countries need in order to achieve the goal of a 50% reduction in road traffic deaths by 2030.

The next decade of e-mobility evolution will be seen in Africa and SuM4All provides the perfect platform to close the gap between the global north and south through knowledge sharing and collaborations which is at the heart of the evolution.



Doris Edem Agbevivi

Project Coordinator,
Drive Electric Initiative
(an E-mobility Initiative of the
Energy Commission of Ghana)

Appendix A: Financial Statement

Figure A.1: Total Financial Commitments 2020-2022

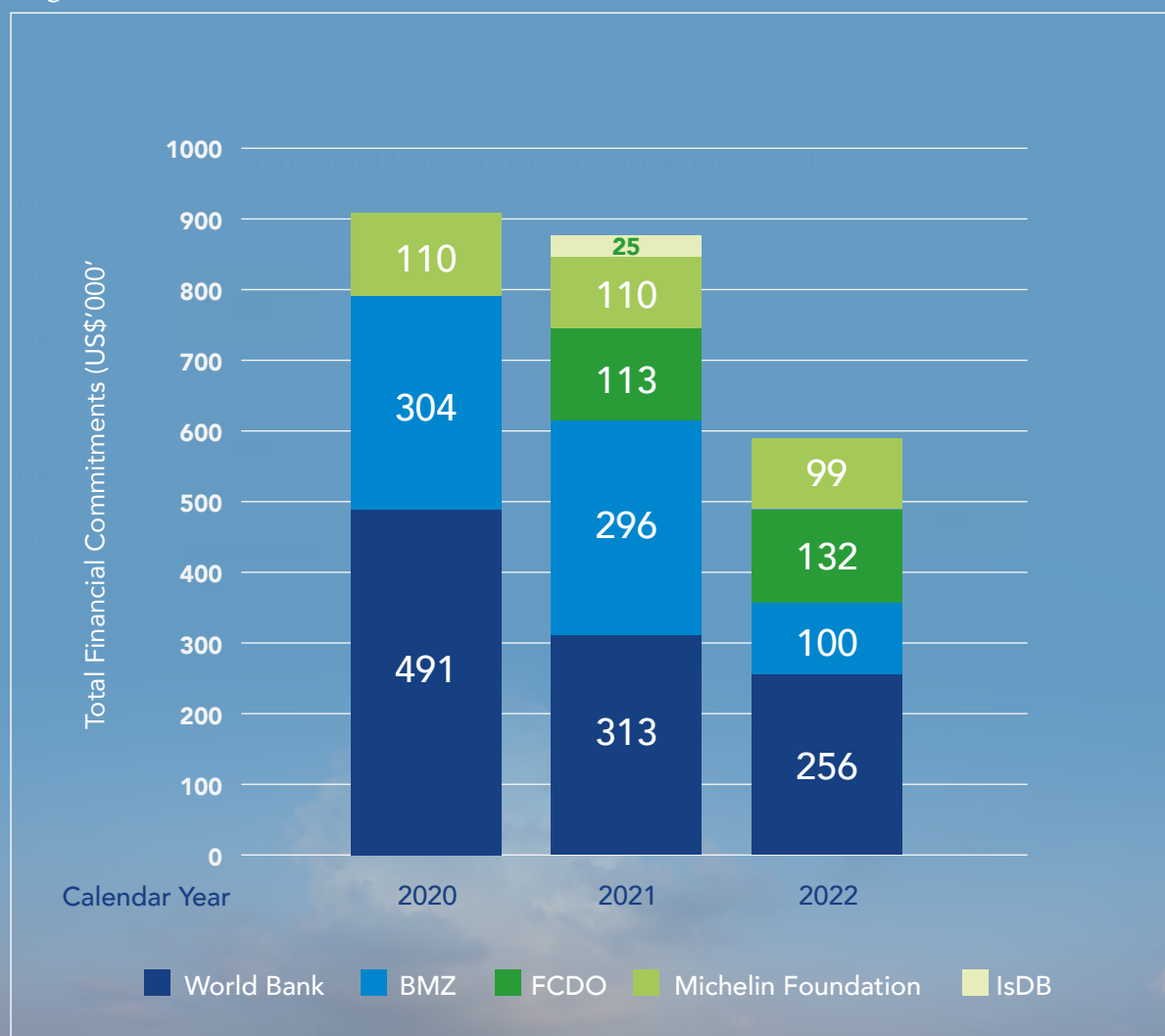


Table A.1: Total Financial Commitments (US\$ '000'), 2022.

Funding Source	World Bank	BMZ	FCDO	Michelin Foundation	Other Members*	Total Financial Contributions
Amount	256	100	132	99	In Kind	587

(*) Including support from the Korean Ministry of Strategy and Finance for a secondment.

Table A.2: Total Financial Commitments (US\$ '000'), 2021.

Funding Source	World Bank	BMZ	FCDO	Michelin Foundation	IsDB	Other Members	Total Financial Contributions
Amount	313	296	133	110	25	In Kind	877

Table A.3: Total Financial Commitments (US\$ '000'), 2020.

Funding Source	World Bank	BMZ	Michelin Foundation	Other Members	Total Financial Contributions
Amount	491	304	110	In Kind	906



Appendix B: Governance Structure

Consortium

The SuM4All consortium comprises 56 Member organizations that have pledged to a shared vision on sustainable mobility and agreed to work together toward its implementation.

Member organizations consist of: (i) Multilateral development banks (MDBs); (ii) UN or intergovernmental organizations; (iii) Bilateral partners; (iv) Private sector or business associations; and (v) Global civil society organizations.

They perform the following roles and responsibilities:

- Actively participate and contribute in kind to the initiative through one or more relevant technical working groups and the two consortium meetings held each year.
- Implement gender equality as an integral part of their membership.
- Promote SuM4All work and accomplishments at their events and in their communication material.



Steering Committee

The Steering Committee is responsible for driving key initiatives and making decisions on products to ensure that the Partnership adds value to the transport agenda and helps influence national decisions on sustainable mobility.

The composition of the Steering Committee replicates the diversity of voices in the transport ecosystem. In 2022, the Steering Committee included: the UN and intergovernmental organizations (one seat), multilateral development banks (two seats, with one by the World Bank which also hosts the Secretariat of the Partnership), civil society (two seats), country partners (two seats), the private sector (two seats, with one vacant), and organizations leading the six working groups (six seats). SuM4All Consortium Members elect the Steering Committee representatives for a two-year term. As primary advocates for the SuM4All's vision and initiative, members of the Steering Committee contribute financially or in-kind during their tenure.

Members of the Steering Committee

 <p>Alana Dave International Transport Workers Federation Seat: Civil Society</p>	 <p>Atiq Ahmad Islamic Development Bank (IsDB) Seat: Multilateral Development Bank</p>	 <p>Benjamin Jeromin German Federal Ministry for Economic Cooperation and Development (BMZ) Seat: Bilateral Donor</p>	 <p>Anne Joselin UK's Foreign Common Wealth and Development Office (FCDO) Seat: Bilateral Donor</p>
 <p>Nicolas Peltier World Bank Seat: Multilateral Development Bank</p>	 <p>Maruxa Cardama SLOCAT Partnership on Sustainable, Low Carbon Transport Seat: Civil Society (Until July 2022)</p>	 <p>Jim Walker Walk21 Seat: Civil Society (From July 2022)</p>	 <p>Francesco Dionori United Nations Economic Commission for Europe (UNECE) Seat: UN or Intergovernmental organizations (Until December 2022)</p>
 <p>Nhan Tran World Health Organization (WHO) Seat: UN or Intergovernmental organizations (from January 2023)</p>	 <p>Nicolas Beaumont Michelin Seat: Private Sector/Business Association</p>	 <p>Marvin Stolz Transformative Urban Mobility Initiative (TUMI) Seat: E-Mobility Workstream</p>	 <p>Ben Hartley Sustainable Energy for All (SEforALL) Seat: Energy and Mobility Workstream</p>
 <p>Susanna Zammataro International Road Federation (IRF) Seat: Safe Mobility Workstream</p>	 <p>Ben Welle World Resources Institute (WRI) Seat: Public Transport Workstream</p>	 <p>Jan Hoffman United Nations Conference on Trade and Development (UNCTAD) Seat: Freight and Logistics Workstream</p>	 <p>Sheila Watson FIA Foundation Seat: Gender Workstream</p>

Secretariat

The Secretariat is housed at the World Bank. It supports thought leadership and provides logistical and administrative functions for the SuM4All initiative.

In summary, the Secretariat:

- Provides strategic and technical leadership for the initiative.
- Proposes a yearly work program. It devises and supports processes and content to implement.
- Facilitates the delivery and production of products.
- Produces and manages the SuM4All website.
- Coordinates and delivers outreach activities.
- Provides content and coordinates logistics for the monthly steering committee and bi-annual consortium meetings.
- Fundraises with other steering committee members and administers financial resources.



Nancy Vandycke
Program
Manager



Samuel Lee
Program
Adviser



Emiye Deneke
Program
Assistant



Gurpreet Singh Sehmi
Economist



Mary Ngaratoki Fabian
Economist



Yoomin Lee
Partnership
Specialist



Josphine Njoki Irungu
Economist



Isabella Rolz
Communications
Specialist



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FOR ALL

Appendix C: Results Framework with 2022 Data

Level	Shorthand	RF Statement / Definition	Indicators	Baseline Value CY 2017	CY 2022	Cumulative since 2017
Strategic Goal	SG - Achieve Sustainable Mobility	In alignment with the Paris Climate Agreement and support of the SDGs, achieve improved sustainability of global transport systems. Sustainable mobility is measured by four global policy goals- universal (equitable) access, safety, efficiency, and green mobility.	SG1: Global Sustainable Mobility Index scores (GSM score, by income group)	NA	Evaluation indicator values not reported annually	
			SG2: Four policy goal scores (from the GSM, by income group)	NA		
Primary Outcome	PO1 - Collective Mobilization of Knowledge and Efforts	Collective action on the global transport system for sustainability	PO1-1: Countries that officially endorse or adopt the new approach (or tools) for decision making	0		
			PO1-2: Organizations and regional bodies that officially endorse and/or adopt the new approach (or tools) for decision making	0		
			PO1-2: Non-transport focused entities or organizations SuM4All partners with disaggregated by sector	0		
			Qualitative Outcome (TBD)	NA		
	PO2 - Improved Policies and Investments	Improved public decision-making and policy/investment choices at country and regional levels, with a focus on countries in the Global South.	PO2-1: Countries that have applied policy measures of derived country action plans	0		
			PO2-2: Policy measures from derived country action plan implemented by countries	0		
			PO2-3: Country policy documents that use input or refer to new approach and tools	0		
			Qualitative Outcome (TBD)	NA		

Level	Shorthand	RF Statement / Definition	Indicators	Baseline Value CY 2017	CY 2022	Cumulative since 2017
Intermediate Outcome (IO)	IO1 - Sustainable Mobility Consensus	Shared perception of sustainable mobility challenges, gaps, and solutions	IO1-1: Organizations that invite the Partnership to contribute to events or number of working groups or research projects	0	8	54
			IO1-2: Citations and references of Partnership and products in academic or professional material	0	61	275
			Qualitative Outcome (TBD)	NA	NA	NA
	IO2 - Knowledge Dissemination	Access and impact of knowledge products, tools, and platforms	IO2-1: Number of page views of Partnership website	0	68,523	430,100
			IO2-2: Number of papers or reports downloads from the Partnership website	0	3,044	8,819
			IO2-3: Training on new approach and number of tools delivered	0	1	3
			IO2-4: Participants enrolled in training on new approach or tools	0	15	716
			Qualitative Outcome (TBD)	NA	NA	NA
	IO3 - Use of new Approach and Tools for improved decision-making in Transport	Piloting and use of SuM4All approach and tools at country or regional levels	IO3-1: Technical assistance and advisory service engagements disaggregated by country and type and number of engagements	0	0	3
			IO3-2: Expressions of interest for country support	0	0	7
			IO3-3: Strategic framework, new approach and tools used by member organizations for strategic design or business development number of, as possible including number of countries affected.	0	3	25
			Qualitative Outcome (TBD)	NA	NA	NA

Level	Shorthand	RF Statement / Definition	Indicators	Baseline Value CY 2017	CY 2022	Cumulative since 2017
Activities / Outputs (AO)	AO1 - Partnership	Build and maintain an active global coalition for sustainable mobility or transport	AO1-1: Establishment of a public-private coalition or partnership	NA	Completed	Completed
			AO1-2: Organize bi-annual membership meetings	NA	Completed	Completed
			AO1-3: Participants in bi-annual membership meetings	0	328	1314
			AO1-4: Organize Steering Committee meetings	NA	12	Completed
			AO1-5: Member organizations in Partnership	0	56	56
			AO1-6: Working groups or streams	0	7	27
			AO1-7: Member organizations involved in working groups/streams	0	100	214
			AO1-8: Achieve gender balance of speakers in all SuM4All panels	NA	Yes	-
			AO1-9: Achieve gender balance in Steering Committee	NA	Yes	-
	AO2 - Outreach & Advocacy	Actively engage relevant sectors—transport and beyond—and countries through global advocacy on sustainable mobility, targeting transport policy decision makers and influencers	AO2-1: Events organized by the Partnership	0	2	32
			AO2-2: Presentations delivered in high-level meetings	0	5	31
			AO2-3: Social media campaigns delivered	0	8	38
			AO2-4: Blog articles published on the World Bank website or other platforms	0	7	67
			AO2-5: Blog articles views/reach	0	TBD	TBD
			AO2-6: Newsletters published	0	9	54
			AO2-7: Newsletter subscribers	0	5,704	5,704
	AO3 - Data, Knowledge, and Tools	Gather data and evidence for knowledge products and generation of sustainable mobility tools	AO3-1: Knowledge products produced, papers, and reports	0	11	31
			AO3-2: New tools to support improved decision making in transport developed (number of)	0	1	9
			AO3-3: Platforms and tools refined, multiple revisions possible	0	2	9
	AO4 - Funding and Financing	Secure program funding and financing for country-level pilots and activities	AO4-1: Overall program and country activity funding	0	US\$ 587,000	US\$ 5,017,000
			AO4-2: Total program funders/donors	0	4	8
			AO4-3: New program and program activity funders/donors	0	0	-

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The **SuM4All** Partnership is a premier **global platform** for international cooperation on **transport** and **mobility issues**, a global center of technical excellence, and a repository of **global policy knowledge** and resources on **sustainable mobility**.



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Sustainable Mobility for All (SuM4All)