

Enabling the Systemic and Just Transformations of the Transport and Energy Sectors

A political discussion on the required mutually-reinforcing policies and investments

6 December
16:00-17:30
Global Renewable Hub
Zone B2
Building 17

The transport sector is not on track to achieve its global climate and sustainability goals.

In 2020, the transport of goods and people was responsible for 30% of the global total final energy consumption. Road and rail transport consumed 81% of transport-related energy.¹ Fossil fuels provided 95.9% of the energy consumed in the transport sector, while renewables only 4.1%.² Because of its near complete dependence on fossil fuels and the growing demand for transport, the transport sector accounted for 20.7% of global fossil fuel CO₂ emissions in 2022.³ At the same time, most of the world's population lacks access to affordable, safe, sustainable land transport and the demand for transporting people and goods is projected to increase substantially. This means that emissions, air pollution and energy demand from land transport will also continue to rise.

The transport and energy sectors both need immediate and radical transformation to urgently decarbonise while guaranteeing equitable and affordable access to transport and energy services for all socio-economic groups, across high-, middle- and low-income countries. Strategies to transform the transport and energy sectors are interdependent and can be mutually-reinforcing. To achieve decarbonised and sustainability pathways, the **transport sector** needs to reduce its energy demand. It also needs access to affordable, reliable, secure energy. The **energy sector** needs to accelerate the deployment of renewable energy capacity and necessary infrastructure, like charging infrastructure and grids. This requires strong demand signals from key energy consuming sectors like transport.

Policies aimed at fostering the decarbonisation of both sectors will need to ensure an equitable and just transition towards the transport and energy-related jobs of the future. This transition, with potential job losses in fossil fuel-dependent regions, can result in a global net job gain, as shown by countries like China, Brazil, India, the USA and Europe (region), which are leading renewable energy jobs. Studies have also shown that the employment benefits of sustainable transport investments exceed those of other sectors, especially in Low- and Middle-Income Countries (LMICs). Across 21 LMICs, investments in public transport and electric vehicles could create 50 million jobs by 2030.

Join us at this event to address with actors from the energy and transport sectors how to enable transformations at scale.

In case you missed it!

Check out the call to double the share of energy efficient and fossil-free forms of land transport by 2030 and join the 50+ organisations calling for urgent, transformative action now | [web](#)

¹ SLOCAT (2023), Transport, Climate and Sustainability Global Status Report - 3rd edition. www.tcc-gsr.com

² REN21 (2023), Renewables 2023 Global Status Report. <https://www.ren21.net/gsr-2023/>

³ SLOCAT (2023), Transport, Climate and Sustainability Global Status Report - 3rd edition. www.tcc-gsr.com



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Programme

16:00 - 16:05 | Welcome and scene setting | Transport and energy: from challenges to opportunities

Ms. Maruxa Cardama, SLOCAT Secretary General

16:05 - 16:25 | The inflection point towards mutually-reinforcing transformations of the transport and energy systems – How near? How far?



Gonzalo Muñoz
Global Ambassador for Race to Zero and Race to Resilience



Manuel Pulgar-Vidal
Global Leader, Climate & Energy
WWF-International



Stientje van Veldhoven
Vice President and Regional Director for Europe
World Resources Institute

16:25 - 17:00 | Policies and investments for transformative impact in the land transport and energy nexus

Panel discussions followed by Q&A

Moderator



Maruxa Cardama
Secretary General
SLOCAT



Eleni Birhanu
Plan and Construction Dispatcher
Ethio-Djibouti Railways



Kate Hughes
Senior Climate Change Specialist
Asian Development Bank



Juman Kubba
Just Transition Policy Advisor
International Transport Workers' Federation

17:00 - 17:15 | Changing hearts and minds: Working with policy-makers, businesses and citizens to scale up the transformations at the speed required

Panel discussions followed by Q&A

Moderator



Rana Adib
Executive Director
REN21



Joan Groizard
Director-General
IDAE - Spanish Energy Agency



Eric Scotto
Chief Executive Officer
Akuo



Shiela Watson
Deputy Director
FIA Foundation

17:15 - 17:20 | Closing remarks

Ms. Rana Adib