



Decarbonising Transport: Driving Implementation Actions and Turning Targets into a Transformation

Side Event
UN Climate Change Conference (COP26)

Tuesday, 9 November 2021
11:30-12:45 GMT

Strangford Lough (Armadillo), Blue Zone
Scottish Event Campus (SEC)
Glasgow, United Kingdom

Introduction

The transport sector is responsible for 23 percent of direct energy-related carbon dioxide (CO₂) emissions, and this percentage is even higher when taking into account vehicle manufacturing and infrastructure construction. The sector remains directly dependent on oil for 92 percent of its energy end-use, which also makes it especially challenging to decarbonise. The International Transport Forum (ITF) modelling scenarios and the GFEIs latest benchmarking study, which will be released at this side event show that current policy actions and plans to decarbonise transport are insufficient to meet international CO₂ reduction targets, despite the importance of the transport sector to achieve climate goals.

However, there are encouraging signals from the political prioritization of the transition to EVs by the current COP26 Presidency, to signs of a cost-effective transition towards low-carbon energy sources on which we must now capitalise.

The path to achieving these solutions on a truly global scale is not an easy one, and will need concerted and coordinated efforts from Governments, companies and consumers to support the necessary changes. This side event will highlight success stories of strategic and innovative ways to decarbonise and transform the transport sector. It will also identify challenges and synergies in developing and developed countries across the sector, and the support necessary for the global transformation to decarbonise transport.

The GFEI Zero Pathway report - which will be launched at this side event – will also offer a unique insight into those challenges as they apply to a range of different countries outside of the leading economies. **The ITF's [Decarbonising Transport \(DT\) Implement](#) project on hard to abate sectors**, which will also be shared in this session will offer similar insights into sectors such as heavy-duty road freight transport, shipping and aviation which will encounter greater challenges to achieve a cost-effective transition.

Format: Davos style with two fireside chat-type panel

Time (GMT)	Description
Discussion 1: Opportunities and challenges	
11:30 – 12:05	<p>Moderator: Sheila Watson, Deputy Director, FIA Foundation</p> <p>Discussants:</p> <ul style="list-style-type: none"> ● Hon Minister Pohamba Penomwenyo Shifeta, Minister of Environment, Forestry and Tourism, Namibia ● Rob de Jong, Head of Sustainable Mobility Unit, UNEP (<i>virtual</i>) ● Rachel Muncrief, Deputy Director ICCT, Advisor to the UK's ZEV Transition Council ● Lew Fulton, Director, Sustainable Transportation Energy Pathways, University of California, Davis (<i>virtual</i>) ● Leonardo Paoli, Energy Analyst, IEA <p>This conversation will seek to draw out the broad opportunities and challenges surrounding the necessary global fleet transformation, across sub-sectors and across different geographies. It will highlight the work of ITF's DT Implement, GFEI's Zero Pathway project, and the UK Government's ZEV Transition Council.</p>
Discussion 2: Building momentum	
12:05 – 12:40	<p>Moderator: Wei-Shiuen Ng, Advisor - Sustainable Transport and Global Outreach, ITF</p> <p>Discussants:</p> <ul style="list-style-type: none"> ● Jari Kauppila, Head of Quantitative Policy Analysis & Foresight, ITF ● Lauren Uppink Calderwood, Head of Aviation, World Economic Forum ● Marc Hamy, Vice President of Sustainability, Airbus ● Hanan Fridman, Founder & President, Trucknet <p>This conversation will move on to the nitty-gritty of transformation from the perspective of the hard to abate sectors themselves, the private sector, the low income countries working to transform their fleets, and the organisations seeking to support them. Using their experiences to offer insights into available solutions, a positive prospectus for change building from existing momentum will conclude the session.</p>
12:40 - 12:45	Summing-up by Moderator
12.45	CLOSE