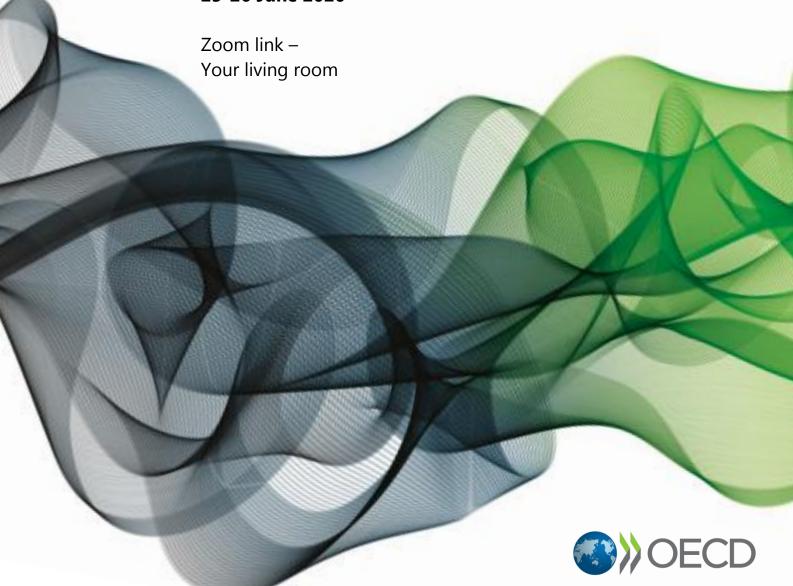


# **AGENDA**

# Setting Scenarios for Urban Transport and Related CO<sub>2</sub> Measures

**EXPERT WORKSHOP** 

25-26 June 2020



#### ■ INTERNATIONAL TRANSPORT FORUM

The International Transport Forum (ITF) at the OECD is an intergovernmental organisation with 60 member countries. It acts as a think tank for transport policy that covers all modes of transport. The ITF's mission is to foster a deeper understanding of the role of transport in economic growth, environmental sustainability and social inclusion and to raise the public profile of transport policy. The ITF acts as a platform for discussion of transport policy issues. It analyses trends, shares knowledge and promotes exchange among transport decision-makers and civil society.

#### ■ DECARBONISING TRANSPORT INITIATIVE

The <u>ITF Decarbonising Transport Initiative (DTi)</u> is a key instrument developed to help governments and industry to translate climate ambitions into actions. The initiative brings together a partnership that extends far beyond the ITF's member countries. It includes work streams aiming to:

- track progress to evaluate how current mitigation measures contribute to reaching objectives for reducing transport CO<sub>2</sub>;
- develop in-depth sectoral and focus studies to identify effective policies in specific modes (e.g. road transport) and thematic areas (e.g. cities);
- bring policies together in a catalogue of effective measures, to support countries to develop their GHG emission mitigation strategy in transport;
- support the policy dialogue, leveraging on extensive engagement with the United Nations Framework Convention on Climate Change (UNFCCC), including the ITF's designation as focal point for transport of the Marrakech Partnership for Global Climate Action (MP-GCA).

The programme of work of the DTi also includes targeted activities that help declining available policy levers for decarbonising transport from the perspective of a specific country or global region.

The next stage of the DTi will build on the activities and outputs of these work streams to establish common interest groups on low-and zero-emission enabling solutions, with a scope focused on specific modes of transport, with four focal areas: light duty road vehicles, heavy duty road vehicles, shipping and aviation.

Each of these groups aims to:

- bring together governments interested to learn from experiences that have been developed by their peers and share their own;
- facilitate the dialogue between governments, the private sector and other stakeholders; and
- ease access to the knowledge available from the ITF and its partners.

The groups will also inform analyses on the status and prospects of policy developments and market responses, strengthening the collective understanding of the effectiveness of different measures and allowing a continuous update of the catalogue of effective measures.

#### ■ DECARBONISING TRANSPORT IN EUROPE

The "Decarbonising Transport in Europe" (DTEU) project aims to help the European Union to achieve its CO<sub>2</sub> reduction ambitions for the transport sector. The project will provide European policy makers with better quantitative evidence on the actual impact of CO<sub>2</sub> mitigation measures. The project started at the end of 2018 and is planned to end in 2021. The DTEU project includes three main components: Stakeholder engagement and policy dialogue; modelling transport activity and emissions; and dissemination of results.

In 2019, European transport stakeholders participated in two workshops and helped identify the trends and policy measures that are considered as probable to reduce CO<sub>2</sub> emissions. Their inputs were used to develop new and enhance existing ITF models that measure transport activity and the resulting emissions. In 2020, two workshops will be conducted to decide the definition of the scenarios that will be tested by the models. This ongoing dialogue aims to encourage the implementation of collectively-developed mitigation pathways and bring together European governments, companies, sectoral organisations, multilateral development banks and research institutions. The project is conducted in cooperation with the European Commission under the Horizon 2020 Framework Programme.

#### ■ EXPERT WORKSHOP ON SCENARIO SETTING FOR URBAN TRANSPORT

The workshop will take place on 25<sup>th</sup>-26<sup>th</sup> of June 2020. It is a closed (by invitation only) event and discussions will be organised under the <u>Chatham House Rule</u> to encourage free debate. The workshop will take place virtually using the tele-conferencing platform Zoom.

The workshop will gather representatives from the European Commission, industry, academia, NGOs and international organisations. The workshop objectives are to:

- Gather input from participants on
  - o decarbonisation pathways, scenarios and plans that have been developed for international passenger and freight transport for Europe.
  - o trends that affect the international transport sectors and that will have an impact on CO<sub>2</sub> emissions.
- Gather ideas from participants (via discussions in break-out group sessions) on how to define a baseline and an alternative policy/CO<sub>2</sub> mitigation scenario that should be assessed in ITF's models. Questions of when and which policy measures and trends should be considered, and to what degree, will be tackled.

#### ■ Zoom invite link for the workshop

- Join Zoom With a Computer (Zoom Client) Or with Chrome <a href="https://meetoecd1.zoom.us/j/5415918715">https://meetoecd1.zoom.us/j/5415918715</a>
- Join Zoom with a tablet or smartphone (download Zoom app IOS or Android Wifi and 3G/4G)
   Meeting ID: 541 591 8715 Or with chrome <a href="https://meetoecd1.zoom.us/j/5415918715">https://meetoecd1.zoom.us/j/5415918715</a>
- Join by phone: Meeting ID: 541 591 8715 Find your local number: <a href="https://meetoecd1.zoom.us/u/acNa2AzJT">https://meetoecd1.zoom.us/u/acNa2AzJT</a>
- Join by SIP: 5415918715@zoomcrc.com
- Join by H.323 162.255.37.11 (US West) 162.255.36.11 (US East) 213.19.144.110 (EMEA) 103.122.166.55 (Australia) 64.211.144.160 (Brazil) 69.174.57.160 (Canada) 207.226.132.110 (Japan) Meeting ID: 541 591 8715

#### Examples:

With a Cisco system from US East: 135005272@162.255.36.11 With a Polycom system from US East: 162.255.36.11##135005272 You can also call the IP address and enter the code once connected.

#### Some useful information:

- A headset with microphone is recommended or an audio system with echo canceler
- A wired internet connection is recommended
- Please mute your microphone throughout the meeting, except when you wish to take the floor and speak

#### Personal Data protection

The OECD processes personal data in accordance with its Personal Data Protection Rules: https://www.oecd.org/general/data-protection.htm

#### **Security and Privacy**

The OECD's configuration of the Zoom service reflects the following measures:

- Pre-registration, passwords, and the "waiting room" functions are enabled to prevent unauthorised access to the conference.
- Specific identity format (country, name) for remote participants for easy control of each attendee in the Waiting Room before admitting them into the meeting.
- Only the host (OECD) or co-hosts can enable a recording on their local computers.
- If the conference is recorded, a notice will show on the screen.
- No chats can be saved, and no private chats are permitted, except with the host or co-hosts.
- Participants enter the conference call muted and without video showing, unless and until they enable these features themselves.
- Avoid discussing any highly-sensitive matters

# AGENDA

# Day 1

# 25 June, 10:00 – 17:45 (Moderator: Dimitrios Papaioannou, ITF)

| 09:30 - 10:00                  | Meeting start – connection to Zoom platform  |  |
|--------------------------------|--|--|
| 09:50                          | Zoom meeting guidelines  |  |
| 10:00 – 11:00                  | Welcome and Introduction   |  |
|                                | <ul> <li>Welcome Elisabeth Windisch, ITF – 5 min</li> </ul>  |  |
|                                | ■ Tour de Table All – 15 min   |  |
|                                | <ul> <li>Introduction to ITF, its Decarbonising Transport Initiative and the<br/>DTEU project Elisabeth Windisch, ITF – 10 min</li> </ul>  |  |
|                                | <ul> <li>Introduction of workshop objectives, timeline and modalities</li> <li>Mallory Trouvé, ITF – 10 min</li> </ul>   |  |
|                                | ■ The European Green Deal Frank Smit, EC DG-RTD – 20 min   |  |
| 11:00 – 12:30                  | Trends and Policies for Reducing Emissions from Urban Freight Transport in Europe  |  |
|                                | ■ Input Presentation I Alan McKinnon, KLU – 15 + 5 min Q&A   |  |
|                                | ■ Input Presentation II Sophie Punte, Smart Freight Centre – 15 + 5 min  |  |
|                                | Q&A  |  |
|                                | <ul> <li>Input Presentation III Fernando Liesa, Alice – 15 + 5 min Q&amp;A</li> </ul>  |  |
|                                | ■ <b>Discussion</b> – 20min  |  |
|                                | <ul> <li>Urban freight and Covid-19 Ian Wainwright, FCL – 5min + 5min Q&amp;A</li> </ul>   |  |
| 12:30 – 13:30                  | Lunch break  |  |
| 40.00 47.00                    | Transferred Policies for Poducing Emissions from Ligher Possenger  |  |
| 13:30 – 15:00                  | Trends and Policies for Reducing Emissions from Urban Passenger<br>Transport in Europe   |  |
| 13:30 – 15:00                  | Transport in Europe  |  |
| 13:30 – 15:00                  | <ul> <li>Transport in Europe</li> <li>Input Presentation I Julie Chrétien, 6-t – 15 + 5 min Q&amp;A</li> </ul>   |  |
| 13:30 – 15:00                  | <ul> <li>Transport in Europe</li> <li>Input Presentation I Julie Chrétien, 6-t – 15 + 5 min Q&amp;A</li> <li>Input Presentation II Philip Turner, UITP – 15 + 5 min Q&amp;A</li> </ul>   |  |
| 13:30 – 15:00                  | <ul> <li>Input Presentation I Julie Chrétien, 6-t – 15 + 5 min Q&amp;A</li> <li>Input Presentation II Philip Turner, UITP – 15 + 5 min Q&amp;A</li> <li>Input Presentation III Olle Isaksson and Mats Pellbäck Scharp, Ericsson –</li> </ul>   |  |
| 13:30 – 15:00                  | <ul> <li>Transport in Europe</li> <li>Input Presentation I Julie Chrétien, 6-t – 15 + 5 min Q&amp;A</li> <li>Input Presentation II Philip Turner, UITP – 15 + 5 min Q&amp;A</li> </ul>   |  |
| 13:30 – 15:00                  | <ul> <li>Input Presentation I Julie Chrétien, 6-t – 15 + 5 min Q&amp;A</li> <li>Input Presentation II Philip Turner, UITP – 15 + 5 min Q&amp;A</li> <li>Input Presentation III Olle Isaksson and Mats Pellbäck Scharp, Ericsson – 15 + 5 min Q&amp;A</li> </ul>  |  |
| 13:30 - 15:00<br>15:00 - 15:10 | <ul> <li>Input Presentation I Julie Chrétien, 6-t – 15 + 5 min Q&amp;A</li> <li>Input Presentation II Philip Turner, UITP – 15 + 5 min Q&amp;A</li> <li>Input Presentation III Olle Isaksson and Mats Pellbäck Scharp, Ericsson – 15 + 5 min Q&amp;A</li> </ul>  |  |
|                                | <ul> <li>Input Presentation I Julie Chrétien, 6-t – 15 + 5 min Q&amp;A</li> <li>Input Presentation II Philip Turner, UITP – 15 + 5 min Q&amp;A</li> <li>Input Presentation III Olle Isaksson and Mats Pellbäck Scharp, Ericsson – 15 + 5 min Q&amp;A</li> <li>Discussion – 30min</li> </ul>  |  |
| 15:00 – 15:10                  | <ul> <li>Input Presentation I Julie Chrétien, 6-t – 15 + 5 min Q&amp;A</li> <li>Input Presentation II Philip Turner, UITP – 15 + 5 min Q&amp;A</li> <li>Input Presentation III Olle Isaksson and Mats Pellbäck Scharp, Ericsson – 15 + 5 min Q&amp;A</li> <li>Discussion – 30min</li> </ul> Coffee break   |  |
| 15:00 – 15:10                  | <ul> <li>Input Presentation I Julie Chrétien, 6-t – 15 + 5 min Q&amp;A</li> <li>Input Presentation II Philip Turner, UITP – 15 + 5 min Q&amp;A</li> <li>Input Presentation III Olle Isaksson and Mats Pellbäck Scharp, Ericsson – 15 + 5 min Q&amp;A</li> <li>Discussion – 30min</li> <li>Coffee break</li> <li>ITF Model Developments for the DTEU Project – Which mitigation measures were implemented and how</li> </ul>  |  |
| 15:00 – 15:10                  | <ul> <li>Input Presentation I Julie Chrétien, 6-t – 15 + 5 min Q&amp;A</li> <li>Input Presentation II Philip Turner, UITP – 15 + 5 min Q&amp;A</li> <li>Input Presentation III Olle Isaksson and Mats Pellbäck Scharp, Ericsson – 15 + 5 min Q&amp;A</li> <li>Discussion – 30min</li> <li>Coffee break</li> <li>ITF Model Developments for the DTEU Project – Which mitigation measures were implemented and how</li> <li>Urban Passenger Model Developments Mallory Trouvé, ITF – 20 min</li> </ul> |  |
| 15:00 – 15:10                  | <ul> <li>Input Presentation I Julie Chrétien, 6-t – 15 + 5 min Q&amp;A</li> <li>Input Presentation II Philip Turner, UITP – 15 + 5 min Q&amp;A</li> <li>Input Presentation III Olle Isaksson and Mats Pellbäck Scharp, Ericsson – 15 + 5 min Q&amp;A</li> <li>Discussion – 30min</li> <li>Coffee break</li> <li>ITF Model Developments for the DTEU Project – Which mitigation measures were implemented and how</li> </ul>  |  |

| 16:10 – 16:20 | Preparation for Breakout Groups Discussion I  Explanation of process ITF – 10 min   |
|---------------|---|
| 16:20 – 16:30 | Coffee break  |
| 16:30 – 17:30 | <ul> <li>Breakout Groups Discussion I – Supporting/contradicting effects</li> <li>Overview of Guiding Questions ITF – 5 min</li> <li>Breakout Discussions – 55 min         Groups will discuss what measures may support or contradict each other in the CO<sub>2</sub> mitigation effect     </li> </ul> |
| 17:30 – 17:45 | <ul> <li>Wrap-up of day one</li> <li>Short summary of breakout groups results group leaders – 10 min</li> <li>Summary of first day ITF – 5 min</li> </ul>   |

# Day 2

# 26 June, 09:00 – 16:00

| 08:45 - 09:00<br>08:50 | Welcome day 2 – connection to Zoom platform Zoom meeting guidelines  |  |
|------------------------|--|--|
| 09:00 – 10:15          | City experiences and their aim to implement measures to reduce<br>Urban Transport CO <sub>2</sub> emissions (Moderator: Philippe Crist, ITF)   |  |
|                        | <ul> <li>Input Presentation I Jos Streng, City of Rotterdam – 15 + 5 min Q&amp;A</li> <li>Input Presentation II Angelika Winkler, City of Vienna – 15 + 5 min Q&amp;A</li> <li>Input Presentation III Barry Colleary, Irish National Transport Authority – 15 + 5 min Q&amp;A</li> </ul>             |  |
|                        | ■ <b>Discussion</b> – 15 min   |  |
| 10:15 – 10:30          | Preparation for Breakout Groups Discussion II.A  |  |
|                        | ■ Explanation of process ITF – 15 min  |  |
| 10:30 – 10:45          | Coffee break   |  |
| 10:45 – 12:15          | Breakout Groups Discussion II.A – Scenario definition  |  |
|                        | <ul> <li>Overview of exercise ITF – 5 min</li> </ul>   |  |
|                        | ■ Breakout discussion – 1 h 25 min   |  |
|                        | Group discussion on the definition of two scenarios (current and high policy scenarios): What mitigation measures should be included in which scenario, when should they take effect, to what degree?  A group leader will keep track of discussions/decisions in a pre-prepared Excel spread sheet. |  |
| 12:15 – 12:30          | Wrap-up of Breakout Groups Discussion II.A   |  |
|                        | <ul> <li>Short summary of breakout groups results group leaders – 15 min</li> </ul>  |  |
| 12:30 – 14:00          | Lunch break  |  |
| 14:00 – 15:30          | Breakout Groups Discussion II.B  |  |
|                        | ■ Breakout discussion – 1 h 30 min   |  |
|                        | Follow-on of the session in the morning.   |  |
| 15:30 – 15:50          | Summary and Next Steps   |  |
|                        | <ul> <li>Summary of breakout groups II.B group leaders – 10 min</li> </ul>   |  |
|                        | <ul> <li>Summary of workshop and next steps ITF – 10 min</li> </ul>  |  |
| 15:50 – 16:00          | Closing remarks Jari Kauppila, ITF   |  |
|                        |  |  |

### LIST OF PARTICIPANTS

| Michiel de Bok Audrey de Nazelle Paolo Bolsi EC-DG REGIO Jacques Ferrière Luc Garguet-Duport Nikolaos Gavanas Murice Geraets NXP Tony Gomes Marion Lagadic Fernando Liesa Carrera Gunnar Lindberg Angelo Martino Alan McKinnon Patrick Mercier-Handisyde Alexandra Millonig Rafael Pedrera Mats Pellbäck Scharp Niccolò Pieri Sophie Punte Piotr Rapacz Leon Simons Spanavello Jacob Teter Bronwen Thornton Maya Ter Laag Philip Purner Karen Vancluysen Philip pventéjol Niksans  EC-DG REGIO Marty College RATP Nissan Europe Nissan Europe Nissan Europe Nissan Europe Nissan Europe Renault Renault Mats Pellbäck Scharp Ericsson Niccolò Pieri Smart Freight Centre EC-DG Move Connekt Frank Smit EC-DG RTD  UITP Karen Vancluysen Polis Network Philippe Ventéjol RATP   | Name                      | Organisation                       |
|--|---------------------------|------------------------------------|
| Elisabetta Cherchi Julie Chrétien Barry Colleary Irish National Transport Authority Isabelle Côte Geodis François Cuénot Michiel de Bok Audrey de Nazelle Paolo Bolsi Jacques Ferrière Luc Garguet-Duport Nikolaos Gavanas Murice Geraets Tony Gomes Marion Lagadic Fernando Liesa Carrera Alice Gunnar Lindberg Maurizó Maggiore Angelo Martino Angelo Martino Angelo Martino Angelo Martino Patrick Mercier-Handisyde Alas Mercier-Handisyde Alas Metale Beroson Niccolò Pieri Sophie Punte For Rapacz Leon Simons Connekt Frank Smit For Connekt Frank Smit For Connekt Frank Smit For Connekt For Olls Rays For Robe Walk21 For Robe Walk2 |                           | <u> </u>                           |
| Julie Chrétien Barry Colleary Irish National Transport Authority Isabelle Côte François Cuénot Michiel de Bok Audrey de Nazelle Paolo Bolsi Jacques Ferrière Luc Garguet-Duport Nikolaos Gavanas University of Thessaly Maurice Geraets NXP Tony Gomes Renault Olle Isaksson Marion Lagadic Fernando Liesa Carrera Alice Gunnar Lindberg EC-DG RTD Angelo Martino Alan McKinnon Patrick Mercier-Handisyde Alexandra Millonig Rafael Pedrera Renault Mats Pellbäck Scharp Nicolò Pieri Sophie Punte Piotr Rapacz Leon Simons Connekt Frank Smit EC-DG RTD Tony Maya Ter Laag Jacob Teter Bronwen Thornton Walk21 Philip Turner Volle Isa Wetwork Vance Vance Gennar Lindberg EC-DG RTD Connekt EC-DG RTD Connekt EC-DG Move Connekt EC-DG Move Connekt EC-DG RTD EC | Björn Bröskamp            | Tier                               |
| Barry Colleary Irish National Transport Authority Isabelle Côte Geodis François Cuénot UNECE Michiel de Bok TU Delft Audrey de Nazelle Imperial College Paolo Bolsi EC-DG REGIO Jacques Ferrière RATP Luc Garguet-Duport Nissan Europe Nikolaos Gavanas University of Thessaly Maurice Geraets NXP Tony Gomes Renault Olle Isaksson Ericsson Marion Lagadic 6-t Fernando Liesa Carrera Alice Gunnar Lindberg ECTRI Maurizio Maggiore EC-DG RTD Angelo Martino TRT Alan McKinnon Kuehne Logistics University Patrick Mercier-Handisyde EC-DG RTD Alexandra Millonig Austrian Institute of Technology Rafael Pedrera Renault Mats Pellbäck Scharp Ericsson Niccolò Pieri EC-DG Move Sophie Punte Smart Freight Centre Piotr Rapacz EC-DG RTD Tommaso Spanavello UNIFE Jos Streng City of Rotterdam Maya Ter Laag Jacob Teter IEA Bronwen Thornton Walk21 Philip Turner UITP Karen Vancluysen Polis Network Philippe Ventéjol   | Elisabetta Cherchi        | Newcastle University               |
| Isabelle Côte François Cuénot Wichiel de Bok Audrey de Nazelle Paolo Bolsi Jacques Ferrière Luc Garguet-Duport Nikolaos Gavanas Maurice Geraets NXP Tony Gomes Renault Olle Isaksson Marion Lagadic Fernando Liesa Carrera Gunnar Lindberg Auglion Angelo Martino Angelo Martino Alan McKinnon Alexandra Millonig Rafael Pedrera Mats Pellbäck Scharp Nicolò Pieri Sophie Punte Piotr Rapacz Leon Simons Connekt Frank Smit Diva Caren Simons Maya Ter Laag Maya Ter Laag Bronwen Thornton Walk21 Philip Turner Karen Vancluysen Philip Purner Karen Vancluysen Philip pe Ventéjol  Nissan Europe Universit University of Thessaly Nissan Europe Nicolò Recion Alexandra Nale McGinon Renault Recion Geraets NXP Tony Gomes Reconditation UNIFE Recion Note Connekt Recion Geraets Recion Geraets Recion Unife Recion Geraets Recion Unife Recion Geraets Recion Unife Recion Geraets Reci | Julie Chrétien            | 6-t                                |
| François Cuénot Michiel de Bok Audrey de Nazelle Paolo Bolsi Jacques Ferrière RATP Luc Garguet-Duport Nikolaos Gavanas University of Thessaly Maurice Geraets NXP Tony Gomes Renault Olle Isaksson Marion Lagadic Fernando Liesa Carrera Gunnar Lindberg Maurizio Maggiore Algelo Martino Alan McKinnon Patrick Mercier-Handisyde Alexandra Millonig Rafael Pedrera Mats Pellbäck Scharp Nicolò Pieri Sophie Punte Piotr Rapacz Leon Simons Frank Smit Condes Peronwen Thornton Walk21 Philip Turner Karen Vancluysen Philip pe Ventéjol  Nissan Europe Imperial College Paolo Hartin ALTP University of Thessaly NXP Tourisan Ec-DG REGIO AITP AITP AITP AITP AITP AITP AITP AITP   | Barry Colleary            | Irish National Transport Authority |
| Michiel de Bok Audrey de Nazelle Paolo Bolsi Bicarques Ferrière Luc Garguet-Duport Nikolaos Gavanas Michiel de Bok Audrey de Nazelle Paolo Bolsi  Jacques Ferrière RATP Luc Garguet-Duport Nikolaos Gavanas University of Thessaly Maurice Geraets NXP Tony Gomes Renault Olle Isaksson Bricsson Marion Lagadic Fernando Liesa Carrera Alice Gunnar Lindberg ECTRI Maurizio Maggiore Angelo Martino TRT Alan McKinnon Kuehne Logistics University Patrick Mercier-Handisyde Austrian Institute of Technology Rafael Pedrera Renault Mats Pellbäck Scharp Fricsson Niccolò Pieri Sophie Punte Somart Freight Centre Piotr Rapacz Leon Simons Connekt Frank Smit EC-DG RTD TNO Jacob Teter IEA Bronwen Thornton Walk21 Philip Turner Varen Vancluysen Philippe Ventéjol RATP   | Isabelle Côte             | Geodis                             |
| Audrey de Nazelle Paolo Bolsi EC-DG REGIO Jacques Ferrière Luc Garguet-Duport Nikolaos Gavanas University of Thessaly Maurice Geraets NXP Tony Gomes Olle Isaksson Marion Lagadic Fernando Liesa Carrera Gunnar Lindberg Maurizio Maggiore Angelo Martino Alan McKinnon Patrick Mercier-Handisyde Alexandra Millonig Rafael Pedrera Mats Pellbäck Scharp Niccolò Pieri Sophie Punte Piotr Rapacz Leon Simons Connekt Frank Smit Tommaso Spanavello Jacob Teter Bronwen Thornton Walk21 Philip Turner Karen Vancluysen Polis Network Poli | François Cuénot           | UNECE                              |
| Paolo Bolsi EC-DG REGIO Jacques Ferrière RATP Luc Garguet-Duport Nissan Europe Nikolaos Gavanas University of Thessaly Maurice Geraets NXP Tony Gomes Renault Olle Isaksson Ericsson Marion Lagadic 6-t Fernando Liesa Carrera Alice Gunnar Lindberg ECTRI Maurizio Maggiore EC-DG RTD Angelo Martino TRT Alan McKinnon Kuehne Logistics University Patrick Mercier-Handisyde EC-DG RTD Alexandra Millonig Austrian Institute of Technology Rafael Pedrera Renault Mats Pellbäck Scharp Ericsson Niccolò Pieri EC-DG Move Sophie Punte Smart Freight Centre Piotr Rapacz EC-DG RTD Tommaso Spanavello UNIFE Jos Streng City of Rotterdam Maya Ter Laag TNO Jacob Teter IEA Bronwen Thornton Walk21 Philip Turner Karen Vancluysen Polis Network RATP   | Michiel de Bok            | TU Delft                           |
| Jacques Ferrière Luc Garguet-Duport Nikolaos Gavanas University of Thessaly Maurice Geraets NXP Tony Gomes Renault Olle Isaksson Ericsson Marion Lagadic Fernando Liesa Carrera Alice Gunnar Lindberg ECTRI Maurizio Maggiore Angelo Martino Alan McKinnon Patrick Mercier-Handisyde Alexandra Millonig Austrian Institute of Technology Rafael Pedrera Renault Mats Pellbäck Scharp Niccolò Pieri EC-DG Move Sophie Punte Piotr Rapacz Leon Simons Connekt Frank Smit EC-DG RTD Connekt Frank Smit EC-DG Move Connekt Frank Smit EC-DG RTD Connekt  | Audrey de Nazelle         | Imperial College                   |
| Nissan Europe Nikolaos Gavanas University of Thessaly Maurice Geraets NXP Tony Gomes Renault Olle Isaksson Ericsson Marion Lagadic Fernando Liesa Carrera Gunnar Lindberg ECTRI Maurizio Maggiore Angelo Martino Alan McKinnon Patrick Mercier-Handisyde Alexandra Millonig Rafael Pedrera Mats Pellbäck Scharp Niccolò Pieri Sophie Punte Piotr Rapacz Leon Simons Frank Smit Tommaso Spanavello Jacob Teter Bronwen Thornton Walk21 Philip Turner Karen Vancluysen Philip Purtev Karen Vancluysen Philip Purtew Karen Vancluysen Polis Network RATP  | Paolo Bolsi               | EC-DG REGIO                        |
| Nikolaos Gavanas Maurice Geraets NXP Tony Gomes Renault Olle Isaksson Ericsson Marion Lagadic Fernando Liesa Carrera Alice Gunnar Lindberg EC-DG RTD Angelo Martino Alan McKinnon Patrick Mercier-Handisyde Alexandra Millonig Rafael Pedrera Mats Pellbäck Scharp Niccolò Pieri Sophie Punte Piotr Rapacz Leon Simons Frank Smit Tommaso Spanavello Jos Streng Maya Ter Laag Jacob Teter Bronwen Thornton Wille Misses Renault Walk 21 Philip Turner Karen Vancluysen Polis Network Rafael Pedrera Renault Re | Jacques Ferrière          | RATP                               |
| Maurice Geraets Tony Gomes Renault Olle Isaksson Bricsson Marion Lagadic Fernando Liesa Carrera Gunnar Lindberg Baurizio Maggiore Angelo Martino Alan McKinnon Alan McKinnon Alexandra Millonig Rafael Pedrera Mats Pellbäck Scharp Niccolò Pieri Sophie Punte Piotr Rapacz Leon Simons Connekt Frank Smit Tommaso Spanavello Jacob Teter Brownen Thornton Marion NXP Renault Renault NXP Renault Rena | Luc Garguet-Duport        | Nissan Europe                      |
| Tony Gomes Olle Isaksson Bricsson Marion Lagadic Fernando Liesa Carrera Gunnar Lindberg ECTRI Maurizio Maggiore Angelo Martino Alan McKinnon Patrick Mercier-Handisyde Alexandra Millonig Rafael Pedrera Mats Pellbäck Scharp Niccolò Pieri Sophie Punte Piotr Rapacz Leon Simons Connekt Frank Smit EC-DG RTD City of Rotterdam Maya Ter Laag Bronwen Thornton Walk21 Philip Turner Karen Vancluysen Polis Network Rafice Ericsson Renault Ruehne Logistics University Rec-DG RTD Austrian Institute of Technology Renault Rec-DG RTD Smrt Freight Centre Rec-DG Move Connekt Rec-DG Move City of Rotterdam Maya Ter Laag TNO Jacob Teter IEA Bronwen Thornton Walk21 Philip Turner Raren Vancluysen Polis Network Philippe Ventéjol  | Nikolaos Gavanas          | University of Thessaly             |
| Olle Isaksson Ericsson Marion Lagadic 6-t Fernando Liesa Carrera Alice Gunnar Lindberg ECTRI Maurizio Maggiore EC-DG RTD Angelo Martino TRT Alan McKinnon Kuehne Logistics University Patrick Mercier-Handisyde EC-DG RTD Alexandra Millonig Austrian Institute of Technology Rafael Pedrera Renault Mats Pellbäck Scharp Ericsson Niccolò Pieri EC-DG Move Sophie Punte Smart Freight Centre Piotr Rapacz EC-DG Move Leon Simons Connekt Frank Smit EC-DG RTD Tommaso Spanavello UNIFE Jos Streng City of Rotterdam Maya Ter Laag TNO Jacob Teter IEA Bronwen Thornton Walk21 Philip Turner UITP Karen Vancluysen Polis Network Philippe Ventéjol RATP  | Maurice Geraets           | NXP                                |
| Marion Lagadic Fernando Liesa Carrera Alice Gunnar Lindberg ECTRI Maurizio Maggiore Angelo Martino TRT Alan McKinnon Ruehne Logistics University Patrick Mercier-Handisyde Alexandra Millonig Austrian Institute of Technology Rafael Pedrera Renault Mats Pellbäck Scharp Fricsson Niccolò Pieri EC-DG Move Sophie Punte Smart Freight Centre Piotr Rapacz EC-DG Move Leon Simons Connekt Frank Smit EC-DG RTD Tommaso Spanavello UNIFE Jos Streng City of Rotterdam Maya Ter Laag TNO Jacob Teter Bronwen Thornton Walk21 Philip Turner UITP Karen Vancluysen Philippe Ventéjol RATP   | Tony Gomes                | Renault                            |
| Fernando Liesa Carrera Gunnar Lindberg ECTRI Maurizio Maggiore Angelo Martino Alan McKinnon Ruehne Logistics University Patrick Mercier-Handisyde Alexandra Millonig Austrian Institute of Technology Rafael Pedrera Renault Mats Pellbäck Scharp Ficzson Niccolò Pieri Sophie Punte Smart Freight Centre Piotr Rapacz EC-DG Move Leon Simons Connekt Frank Smit EC-DG RTD Tommaso Spanavello UNIFE Jos Streng City of Rotterdam Maya Ter Laag Jacob Teter Bronwen Thornton Walk21 Philip Turner Karen Vancluysen Philippe Ventéjol RATP   | Olle Isaksson             | Ericsson                           |
| Gunnar Lindberg ECTRI  Maurizio Maggiore EC-DG RTD  Angelo Martino TRT  Alan McKinnon Kuehne Logistics University  Patrick Mercier-Handisyde EC-DG RTD  Alexandra Millonig Austrian Institute of Technology  Rafael Pedrera Renault  Mats Pellbäck Scharp Ericsson  Niccolò Pieri EC-DG Move  Sophie Punte Smart Freight Centre  Piotr Rapacz EC-DG Move  Leon Simons Connekt  Frank Smit EC-DG RTD  Tommaso Spanavello UNIFE  Jos Streng City of Rotterdam  Maya Ter Laag TNO  Jacob Teter IEA  Bronwen Thornton Walk21  Philip Turner  Karen Vancluysen Polis Network  Philippe Ventéjol RATP  | Marion Lagadic            | 6-t                                |
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| Angelo Martino  Alan McKinnon  Kuehne Logistics University  Patrick Mercier-Handisyde  Alexandra Millonig  Rafael Pedrera  Renault  Mats Pellbäck Scharp  Riccolò Pieri  Sophie Punte  Piotr Rapacz  Leon Simons  Frank Smit  Tommaso Spanavello  Jos Streng  Maya Ter Laag  Jacob Teter  Bronwen Thornton  Philip Turner  Karen Vancluysen  Philippe Ventéjol  Kuehne Logistics University  EC-DG RTD  Frech Move  Sonnekt  EC-DG Move  Connekt  EC-DG RTD  UNIFE  City of Rotterdam  TNO  Jacob Teter  JEA  Bronwen Thornton  Walk21  Polis Network  Polis Network  Philippe Ventéjol   | Gunnar Lindberg           | ECTRI                              |
| Alan McKinnon Kuehne Logistics University Patrick Mercier-Handisyde EC-DG RTD Alexandra Millonig Austrian Institute of Technology Rafael Pedrera Renault Mats Pellbäck Scharp Ericsson Niccolò Pieri EC-DG Move Sophie Punte Smart Freight Centre Piotr Rapacz EC-DG Move Leon Simons Connekt Frank Smit EC-DG RTD Tommaso Spanavello UNIFE Jos Streng City of Rotterdam Maya Ter Laag TNO Jacob Teter IEA Bronwen Thornton Walk21 Philip Turner UITP Karen Vancluysen Polis Network Philippe Ventéjol RATP  | Maurizio Maggiore         | EC-DG RTD                          |
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| Rafael Pedrera  Mats Pellbäck Scharp  Niccolò Pieri  Sophie Punte  Piotr Rapacz  Leon Simons  Frank Smit  Tommaso Spanavello  Jos Streng  Maya Ter Laag  Jacob Teter  Bronwen Thornton  Philip Turner  Karen Vancluysen  Philippe Ventéjol  Rec-DG Move  EC-DG Move  Connekt  EC-DG RTD  UNIFE  City of Rotterdam  TNO  IEA  Walk21  Polis Network  Philippe Ventéjol  RATP  | Patrick Mercier-Handisyde | EC-DG RTD                          |
| Mats Pellbäck Scharp  Riccolò Pieri  EC-DG Move  Sophie Punte  Piotr Rapacz  EC-DG Move  EC-DG Move  EC-DG Move  EC-DG Move  EC-DG Move  Leon Simons  Connekt  Frank Smit  EC-DG RTD  UNIFE  Jos Streng  City of Rotterdam  Maya Ter Laag  Jacob Teter  Bronwen Thornton  Walk21  Philip Turner  Karen Vancluysen  Philippe Ventéjol  EC-DG Move  EC-DG Move  City of Rotterdam  UNIFE  UITP  Karen Vancluysen  Polis Network  RATP  | Alexandra Millonig        | Austrian Institute of Technology   |
| Niccolò Pieri EC-DG Move  Sophie Punte Smart Freight Centre  Piotr Rapacz EC-DG Move  Leon Simons Connekt  Frank Smit EC-DG RTD  Tommaso Spanavello UNIFE  Jos Streng City of Rotterdam  Maya Ter Laag TNO  Jacob Teter IEA  Bronwen Thornton Walk21  Philip Turner UITP  Karen Vancluysen Polis Network  Philippe Ventéjol RATP   | Rafael Pedrera            | Renault                            |
| Sophie Punte Piotr Rapacz EC-DG Move Leon Simons Connekt Frank Smit EC-DG RTD Tommaso Spanavello UNIFE Jos Streng City of Rotterdam Maya Ter Laag TNO Jacob Teter Bronwen Thornton Walk21 Philip Turner Karen Vancluysen Philippe Ventéjol Smart Freight Centre EC-DG Move Connekt EC-DG RTD UNIFE LEA UNIFE UNIFE UITP RATP   | Mats Pellbäck Scharp      | Ericsson                           |
| Piotr Rapacz  Leon Simons  Connekt  Frank Smit  EC-DG RTD  Tommaso Spanavello  UNIFE  Jos Streng  City of Rotterdam  Maya Ter Laag  TNO  Jacob Teter  Bronwen Thornton  Walk21  Philip Turner  Karen Vancluysen  Philippe Ventéjol  EC-DG RTD  UNIFE  UNIFE  UITP  RATP  | Niccolò Pieri             | EC-DG Move                         |
| Leon Simons Connekt Frank Smit EC-DG RTD UNIFE Jos Streng City of Rotterdam Maya Ter Laag TNO Jacob Teter IEA Bronwen Thornton Walk21 Philip Turner Karen Vancluysen Philippe Ventéjol Connekt EC-DG RTD UNIFE UNIFE UNIFE UINIFE UITP RATP  | Sophie Punte              | Smart Freight Centre               |
| Frank Smit EC-DG RTD  Tommaso Spanavello  Jos Streng City of Rotterdam  Maya Ter Laag TNO  Jacob Teter IEA  Bronwen Thornton Walk21  Philip Turner  Karen Vancluysen Polis Network  Philippe Ventéjol  EC-DG RTD  UNIFE  UNIFE  UNIFE  UITP  RATP  | Piotr Rapacz              | EC-DG Move                         |
| Tommaso Spanavello  Jos Streng  City of Rotterdam  Maya Ter Laag  TNO  Jacob Teter  Bronwen Thornton  Walk21  Philip Turner  Wancluysen  Polis Network  Philippe Ventéjol  UNIFE  City of Rotterdam  TNO  UEA  UITP  Polis Network  RATP   | Leon Simons               | Connekt                            |
| Jos Streng City of Rotterdam  Maya Ter Laag TNO  Jacob Teter IEA  Bronwen Thornton Walk21  Philip Turner UITP  Karen Vancluysen Polis Network  Philippe Ventéjol RATP  | Frank Smit                | EC-DG RTD                          |
| Maya Ter Laag TNO Jacob Teter IEA Bronwen Thornton Walk21 Philip Turner UITP Karen Vancluysen Philippe Ventéjol RATP   | Tommaso Spanavello        | UNIFE                              |
| Jacob Teter IEA Bronwen Thornton Walk21 Philip Turner UITP Karen Vancluysen Polis Network Philippe Ventéjol RATP   | Jos Streng                | City of Rotterdam                  |
| Bronwen Thornton Walk21 Philip Turner UITP Karen Vancluysen Polis Network Philippe Ventéjol RATP   | Maya Ter Laag             | TNO                                |
| Philip Turner UITP Karen Vancluysen Polis Network Philippe Ventéjol RATP   | Jacob Teter               | IEA                                |
| Karen Vancluysen Polis Network Philippe Ventéjol RATP  | Bronwen Thornton          | Walk21                             |
| Karen Vancluysen Polis Network Philippe Ventéjol RATP  | Philip Turner             | UITP                               |
| Philippe Ventéjol RATP   | ·                         | Polis Network                      |
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# **International Transport Forum**

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