

# Inter-regional Workshop on Electrification of Mobility - Challenges and opportunities for transport, energy, and spatial planning

5 September 2022, 10:15 – 18:00 CET – Geneva, Palais des Nations, Room XXI

## DRAFT PROGRAMME

### 10:15-10:45 - Introductory session

**Moderator: Mrs. Els de Wit**, Chair, Working Party on Transport Trends and Economics (WP.5), Netherlands

- **Mr. Roel Janssens**, Secretary of the Working Party on Transport Trends and Economics (WP.5), Sustainable Transport Division, UNECE
- **Mrs. Iva Brkic**, Secretary of the Group of Experts on Cleaner Electricity Systems, Sustainable Energy Division, UNECE
- **Mrs. Gulnara Roll**, Regional Adviser, Housing and Land Management, UNECE

### 10:45-12:00 – Session I – Road vehicle e-mobility solutions and their interaction with the grid – good practice examples at city and regional levels

**Moderator: Mr. Madan Bahdu Regmi**, Chief of Section, United Nations Economic and Social Commission for Asia and the Pacific (ESCAP)

#### Selected topics:

- Examples of electrification of road based public transport at urban, suburban, and regional levels and its impact on environment, health, and quality of life.
- Impact of increased e-mobility of road vehicles and its consequences for and interaction with the electricity grid.
- Creating conducive policies on accessibility to and affordability of charging at public Electric Vehicle Supply Equipment (EVSE) and its integration in the electricity grid.

## Speakers:

- **Dr. Yossapong Laoonual**, Head of Mobility and Vehicle Technology Research Center (MOVE), King Mongkut's University of Technology Thonburi (KMUTT), Thailand
- **Mr. Pedro Gomes**, Project Manager & Coordinator, Clean Vehicles & Air Quality, POLIS, European Cities and Regions for Transport Innovation
- **Mr. Olivier Augé**, Head of Engineering, Geneva Public Transport (TPG), Switzerland

**12:00 – 13:00 – SPECIAL EVENT – Launch of ITC eLearning Platform**

**13:00 – 15:00 – Lunch break**

**15:00-15:30 – Session I – *Continued***

**Moderator: Mr. Roel Janssens**, WP.5 Secretary, UNECE Sustainable Transport Division

- **Mr. Francois Cuenot**, Secretary of the Working Party on Pollution and Energy, Sustainable Transport Division and **Mr. Igor Litvinyuk**, Secretary of the Group of Experts on Energy Efficiency, Sustainable Energy Division, UNECE
- **Mr. Dmitry Shiyan**, Deputy Director, International Cooperation Department, Ministry of Transport of the Russian Federation
- **Mr. Janvier Twagirimana**, Transport External Links & Donor Coordinator, Ministry of Infrastructure of Rwanda

**15:30 – 17:00 - Session II – Laying the regulatory/policy groundwork for achieving a swift transition to electrification of road vehicles at urban and regional levels**

**Moderator: Mrs. Camila Gramkow**, United Nations Economic Commission for Latin America, and the Caribbean (ECLAC)

## Selected topics:

- Examples of sound regulatory frameworks surrounding e-mobility of road vehicles.
- Strategies, policies, and practices aimed at accelerating the transition to e-mobility in road transport.
- Policies and regulations enabling innovation for urban e-mobility in city infrastructure and public transport.

## Speakers:

- **Mr. Baerte de Brey**, Chief International Officer and **Mrs. Lonneke Driessen**, Director Standardization, eLaad.NL, Netherlands
- **Ms. Olga Demianenko**, Director, Department for Cooperation with International Agencies and Financial Institutions at the Kharkiv City Council, Ukraine
- **Mr. Mathieu Wijnen**, Project Leader, e-Mobility Amsterdam
- **Mr. Carlos Mateo**, Director of Mobility, City of Madrid
- **Mrs. Susana Morales**, Director of Mobility Planning, City of Bogota, Colombia

## 17:00-17:30 – Session III – E-mobility solutions and requirements for urban and long-distance road freight transport

**Moderator: Mr. Roel Janssens**, WP.5 Secretary, UNECE Sustainable Transport Division

Selected topics:

- Central freight consolidation centres as a possible gateway to urban and long-distance freight transport electrification.
- Examples of EV smart charging solutions in cities and regions (including wireless electric vehicle charging/ inductive charging; pop-up pavement chargers; innovative use of existing roadside infrastructure and “charging on the go”).
- General trends and developments for commercial electrical vehicles (EVs) including eLight Duty Vehicles (eLDVs) and eHeavy Duty Vehicles (eHDVs) and their charging infrastructure.

## Speakers:

- **Mr. Sam S. Starr**, Strategic Adviser, Sustainable Logistics - Mobis, COOP Carbone, Canada
- **Mr. Hans Säll**, Marketing & Business development Manager, NCC Infrastructure, Sweden
- **Mr. Tomas Suhanyi**, FIATA Working Group Road Chair, Slovakia

## 17:30-18:00 – Follow-up and next steps

- Tour-de-Table participants
- Representatives of UNECE Sustainable Transport, Sustainable Energy and Housing and Land Management

## 18:00 – End of workshop