

UNITED NATIONS ECONOMIC COMMISSION FOR EUROPE  
**GRPE workshop on carbon LCA of vehicles**  
**31 May 2022 : 9.30 – 17.00**  
**Draft Programme**

9.30 – 9.35 **Introduction and aim of the workshop**

**André Rijnders**, Chair of GRPE

9.35 - 10.25 **Session 1 : Introduction to (Carbon) LCA**

**LCA basics**

**Amir Safaei**, GHG Protocol

**Wesley Ingwersen**, US EPA (remote)

**LCA in the context of vehicles**

**Nikolas Hill**, Ricardo

10.25 – 11.30 **Session 2: vehicle LCA to compare fuel/powertrain types**

**A global comparison of the life-cycle greenhouse gas emissions of combustion engine and electric passenger cars**

**Georg Bieker**, ICCT

**Introduction to the GREET model**

**Michael Wang**, Argonne National Lab

**Review of the most recent literature, introduction to GEF-7 global vehicle LCA tool**

**Ekta Bibra**, IEA (remote)

*Feedback from GRPE stakeholders on performing fuel/powertrain LCA studies:*

**Light-duty vehicle LCA study using 2030 USA fuels and energy sources**

**Rasto Brezny**, AECC/MECA

**LCA of biomethane production**

**María Del Carmen Suárez Rodríguez**, NGVA Europe / UPM

11.30 – 12.30 **Session 3 : On-going initiatives to determine carbon LCA of vehicles**

**Automotive Partnership for Carbon Transparency (A-PACT)**

**Jean Balsat**, WBCSD

**Example of a key (electric) vehicle component : Battery Passport**

**Torsten Freund**, Global Battery Alliance (remote)

**Bus operators in the Nordic region and EPD/PCR of buses**

**Victor Hug**, Movia (remote)

12.30 – 14.00 **Lunch break**

14.00 – 14.20 **Session 3 : continued**

**Green NCAP LCA approach**

**Aleksander Damyanov, GreenNCAP**

14.20 – 14.45 **Session 4 : Experience from GRPE stakeholders on vehicle LCA**

**The approaches used by the auto industry**

**Dr. Tina Dettmer, OICA**

**CLEPA's inputs for a CO2-LCA Methodology**

**Ansgar Christ, CLEPA**

14.45 – 16.15 **Session 5 : Views from contracting parties**

**Laurent Gagnepain, Bertrand-Olivier Ducreux, France (remote)**

**Fumio Ito, Japan**

**Han Ho Song, Korea (remote)**

**Andrey Kozlov, Russia (remote)**

**Joseph McDonald, United States (remote)**

**Ana Maria Danila, European Commission (remote)**

16.15 – 16.45 **GRPE discussion, moderated by Duncan Kay, Vice Chair of GRPE**

16.45 – 17.00 **Wrap up and next steps**

**André Rijnders, Chair of GRPE**