

# **Proposal of Discussion Starter on LCA Methodology for Automobiles under GRPE**

**January 2022**

## Purpose

- For towards to achieve carbon neutrality, assessment of the life cycle CO<sub>2</sub> emission of automobiles needs to be clarified.

## Aim

- This activity aims to develop Carbon FootPrint - Product Category Rules for automobiles. (CFP-PCR (LCA Methodology))
- The CFP-PCR formulated by this activity may be used by CPs of both the 1958 and the 1998 agreements or by automobile manufacturers, as a guideline to assess the life cycle CO<sub>2</sub> emissions of automobiles for assistance in policy making or product development.

## Working Principle

Develop a fair, impartial and reproducible method that takes into consideration the circumstances relevant to the automobile according to the ISO 14040/44/14067/14027.

# Working Items

## **(1) Scope Definition**

- Applicable product
- Functional units
- System boundary
- Data and data quality

## **(2) Inventory analysis**

- Data collection
- Validation of data
- Allocation

## **(3) Impact assessment & report**

- Impact assessment
- Required information for CFP report

# LCA discussion at next session of GRPE

- ✓ Propose [full or half]\* day session for discussion of the necessity to build the LCA IWG, including discussion of **Draft ToR**

\* : depends on 85<sup>th</sup> GRPE outcomes

Feel free to contact

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for preparation of next GRPE session