

**-НАМИ-**

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Agenda item 14



## Proposals for Harmonized LCA Methodology Development

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# Proposals for Harmonized LCA Methodology Development

## Key aspects

- i. Goal and scope
  - a) goal: to assess carbon footprint of vehicles category M1 and N1 (at 1<sup>st</sup> stage)
  - b) scope: total vehicle life cycle from cradle to grave (including fuel production and energy generation)
- ii. Inventory analysis
  - a) collecting data by regions of world
  - b) use different sets of data for different stages depend on where the vehicle is manufactured, used and recycled
- iii. Calculation methodology
  - a) summing up all GHG emissions through the life cycle
  - b) developing of unified on-line software and database with web-interface and access for all contracting parties
- iv. What is the result
  - a) life cycle GHG emission
  - b) functional unit: 1 km of distance traveled
- v. Ranking, limits
  - a) define GHG emission rating (A, B, C, D,...)
  - b) Contracting Parties adopt GHG emission level for their internal market

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## Road map

