Informal document No. **GRPE-87-38**87<sup>th</sup> GRPE, 11-13 January 2023
Agenda item 14

## Status Report of the IWG on Automotive Life Cycle Assessment (A-LCA)

Prepared by the A-LCA Informal Working Group

#### 1. Establishment of the IWG on Automotive Life Cycle Assessment (A-LCA)

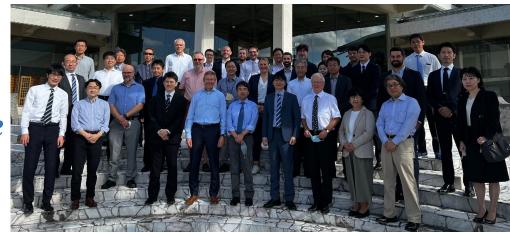
- ➤ Proposal to work on the clarification of methodologies for the assessment of life-cycle Greenhouse Gas (GHG) emissions of automotives by Japan and Korea during the 85<sup>th</sup> GRPE session (January 2022)
  - → GRPE secretariat has taken the tremendous initiatives to move forward
- > Workshop was organized during the 86th GRPE session (May 2022)
  - → successfully completed with **20** presentations from a variety of organisation (https://unece.org/info/events/event/365116)
- > GRPE agreed to put the A-LCA methodology on its priority list and to create a new Informal Working Group on A-LCA during the 86th session (June 2022)

## 2. A-LCA Meetings up to the 87<sup>th</sup> GRPE

 $> 1^{st}$ : 26 ~ 28 October 2022, Hybrid meeting @ Okinawa, Japan

#### <OUTCOMES>

- ✓ determine Leading Team
- ✓ develop the initial Terms of Reference
- > 2<sup>nd</sup>: 6 December 2022, Virtual meeting
  - <OUTCOMES>
    - ✓ should discuss on overarching aspects prior to subgroup activities
- > 3<sup>rd</sup> : 9 January 2023, Hybrid meeting @ Geneva, Switzerland
  - <OUTCOMES>
    - ✓ intensive discussion on the Terms of Reference
    - ✓ discussed on efficient working structure



## 3. Key Contents of the ToR

- > Objective: to develop an internationally-harmonised procedure to determine the carbon footprint of automotive products from production to use and disposal, *as a resolution* under the framework of WP.29.
- > Applicable to all types of road automotive products
- > Working items :

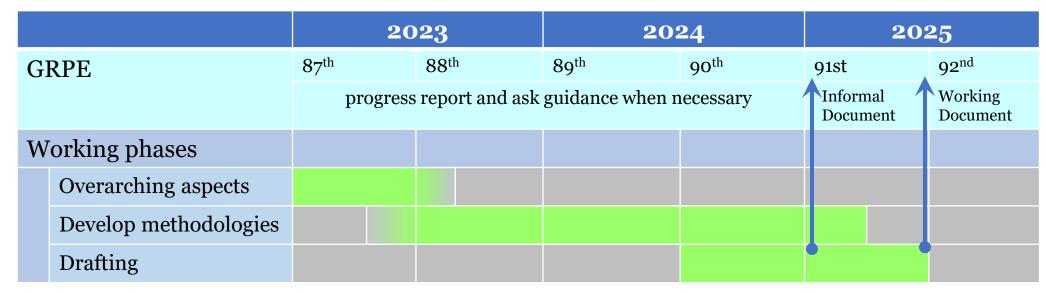
  Definition of Scope/Inventory Analysis/Life cycle impact assessment
- > Timelines:

June 2025 : Adoption of the UN Resolution on A-LCA by GRPE November 2025 : Adoption of the UN Resolution on A-LCA by WP.29

<still under the development>

### 4. Next Actions

#### Overall

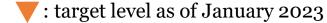


## Meetings until next GRPE (June 2023)

- > 4<sup>th</sup> : 13<sup>th</sup> February 2023, Virtual meeting < feedbacks from IWG member>
- > 5<sup>th</sup> : tbd April 2023, Hybrid meeting @ tbd\* < revise the proposal> \* seeking a meeting venue
- > 6<sup>th</sup> : tbd May 2023, Virtual meeting < *final feedbacks from IWG member* >
- > 7<sup>th</sup> : tbd June 2023, Hybrid meeting @ Geneva, Switzerland
  - <1. finalise the ToR, 2. agree on the overarching aspects and the subgroup structure>

request full one day session in conjunction with 88th GRPE session

## 5. Current Progress





# Thank you!

**Leading Team** 

<co-Chairs>

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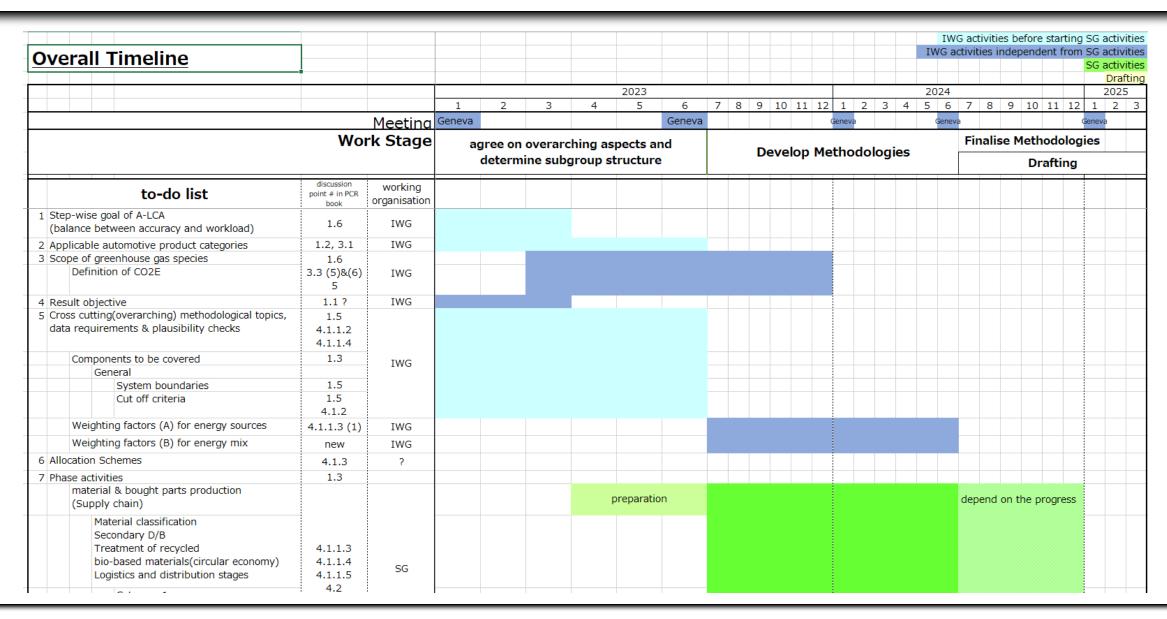
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# Appendix

#### Overall Timeline *<detailed* "to-do-list" and its timing are under the discussion>



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