

Draft meeting minutes
14th Session of the Informal Working Group
on Automotive Life Cycle Assessment (IWG on A-LCA)

Webex:

<HTTPS://MEET.GOOGLE.COM/ADR-UJPX-ZVO?HS=122&AUTHUSER=0>

Meeting documents available at:

<https://wiki.unece.org/display/trans/A-LCA+14th+session>

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[Documents to be reviewed frequently - Transport - Vehicle Regulations - UNECE Wiki](#)

Agenda

Time		Agenda Item	Lead	Meeting Documents	Purpose or Target
11:30 ~	1	Welcome and introduction	Chairs	NA	Information sharing
~ 11:35	2	Adoption of the agenda	Chairs	A-LCA-14-01*	Agreement
~11:40	3	Adoption of the last meeting minutes	Secretariat	A-LCA-12-05*** A-LCA-13-09**	Agreement
~ 12:40	4	Status of each SG activities	SG leaders	forthcoming	status update
~ 13:00	Coffee Break				
~ 13:15	5	Overarching aspects CPs' and NGOs' opinions will be appreciated	Chairs	" Overarching Aspects after 13th meeting.xlsx "	status update
~13:45	6	Next Steps	Chairs	" Schedule of Resolution development A-LCA r1.xlsx "	
~13:55	7	Any other business			
~14:00	8	Closing	Chairs	NA	Closing

14th A-LCA session

Agenda Item 0: Summary

The following points of discussions remain open:

- Defining the GWP of Hydrogen
- SG4 has to decide how they will calculate the Energy/Fuel consumption (between 2 options)
- SG4 will have to define the representative vehicle and how to measure/include the elements related to maintenance (consumable and parts production)
- Alignment between SG's on the levelling concept implementation as well as type of data (primary and secondary) in EoL. Linked to the question is where (before or after the Use Phase) you put the 'timing' of LCA implementation (SG4, SG5 and SG6 should be mainly involved in this action).

The following points were agreed on:

- The chair will review the way the minutes are drafted. + Will post the minutes from the 13th session.
- SG2 and SG3 will define the boundary for battery production.
- SG3 has a partial agreed on their declared unit
- Next IWG session will discuss the SG7 drafting activities

The next steps have been identified:

- SG3 will present a proposal for declared unit for their SG-methodology soon (most likely during next IWG meeting).
- SG4 is working on aligning the definition of a representative vehicle (with SG3 and IWG)
- IWG will have to regroup all levelling concepts in order to align them as soon as possible. (based on proposals of different SG's)
- SG4, SG5 and SG6 should define together the implementation in timeline for the levelling concept of the EoL stage, a proposal should be provided by next IWG meeting.

Agenda Item 1: Welcome & introduction

The Chair started the meeting and welcomed the participants.

Agenda Item 2: Approval of the agenda

The Chair invited the participants to share their comments and remarks about the agenda. None were raised.

The agenda has been approved.

See document(s):

https://wiki.unece.org/download/attachments/231899769/A-LCA-14-01_draft%20Agenda.pdf?api=v2

Agenda Item 3: Adoption of last meeting minutes

The Minutes of the 12th and 13th session are available on wiki. The members were invited to share their comments and remarks. The following remarks were raised:

At the requests of 2 Contracting Parties, the IWG agreed that the minutes should reflect the approved points and to reflect the open issues in a better way. This should also lead to shorter minutes which will serve transparency. The Chair agreed that this will be considered maintaining the discussion history and will be implemented in some way as soon as possible.

The Chair reviewed the minutes, and the following comments were raised:

- US EPA reconfirmed their request to consider a GWP of 12 for Hydrogen. Another participant understands this but believes that latest research shows a value of 7,8 or 9 would be better. Research for reference were mentioned:
 - o <https://www.sciencedirect.com/science/article/abs/pii/S0360319922055380>
 - o <https://www.nature.com/articles/s43247-023-00857-8>
- The EU Commission raised several questions throughout the minutes and based on the comments, the Chair proposed to post it on the wiki and have everyone review it. It was decided that the Leading Team will consider the remarks and publish a new version later.

The minutes from the 12th session were approved and the updated version of the minutes of the 13th session will be posted on the wiki.

See document(s):

https://wiki.unece.org/download/attachments/223019166/A-LCA-12-05_Draft_Meeting_minutes.pdf?api=v2

https://wiki.unece.org/download/attachments/223019168/A-LCA-13-09_Draft_Meeting_minutes.docx?api=v2

Agenda Item 4: Status of each SG activities

SG2:

The SG2 Chair briefly presented two points that are under discussion in their SG:

- Ongoing discussions with SG3 about the boundaries when considering the battery production.
- Database for materials is under discussion with regard to primary data but also when it comes to secondary data (for example for batteries).

No questions or remarks.

SG3:

The SG3 Chair provided an overview of ongoing activities since the last IWG-meeting. The main three points that are under discussion are:

- Primary data sharing and sources for primary and secondary data.
- Data quality rating
- GHG's

SG3 agreed on a declared unit and invited all IWG members to review the documents on the wiki. The SG agreed so far to use a declared unit 1 piece of product and one 1kg of material products. Some open questions remain and might be presented at the next IWG meeting.

SG4:

The SG4 Chair provided a quick overview of the open points and next steps. The following points were presented/discussed:

- System boundaries (proposal by Japan)
- Representative Vehicle (proposal by OICA)
- CO2e calculation: open question about the leakages & evaporation measurements
- In-use vehicle consumption: 2 open options, the choice will have to be made
- Maintenance and consumables: general agreement to make use of list of materials and parts with a frequency and CO2e factor.

The SG Chair provided an overview of next steps, with different decisions to be made within the SG in the coming months.

The following questions and remarks have been raised:

- Korea: question about the deterioration factor over the vehicle lifetime in maintenance and wondered how the SG would like to include charging efficiency in the matrix?
 - o SG Chair confirmed the first point is still under discussion but that a fixed value will most likely be best.
 - o SG Chair understands the point, but this is open for discussion with SG6. Charging efficiency goes into discussion as well.
- US EPA shared some input about what they include into the charging efficiency, considering today only AC charging (today) with less DC charging not being considered yet. This will be needed to include in the analysis, with diverging results in different regions.

SG5:

The SG Chair provided additional information about the open points of discussion:

- Material/Parts recycling modeling → Defining the correct cut-off method. *Conclusion expected by next April.*
- CFF or Cutoff application → Choice/decision to be made by the SG. *Will be discussed during next SG5 meeting.*

Other point of discussion are:

- The boundary conditions
- Second life parts
- Review of the level concept

BREAK (10min)

Questions and remarks for SG5:

- The IWG Chair had a question about the EoL and the link to the Leveling Concept.
 - o The SG Chair confirmed that there is no agreement yet but that a proposal is already drafted for now. This is an important precondition for the SG activities.
 - o This will be included in the overarching aspects table.
- Korea agrees that this proposal should be further discussed within the SG. Calling to all SG's to agree on what levels they want to use and how in order to agree at IWG level.

- Riccardo and OICA underlined the difference between process calculation and ours which should be focusing on emission-reduction. This harmonization should be focused on retrospective LCA.
 - Secretariat : Regarding the ‘timing’ of LCA determination, this is a decision to be taken by the IWG and not the SG5.
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SG6:

The SG6 chair provided a brief presentation of the state of play of the SG activities.

Questions and remarks:

- CLEPA: Wondered if allocation, co-products and carbon feedback are taken together in the discussion. The chair confirmed that this is not the case.
- US EPA: Underlined their position that hydrogen should be included and that a specific conversion factor should be included into the methodology.
- Ricardo: Comment about indicated in the previous meeting, the SG6 proposals are not consistent with current EU PEF Guidelines: From the European PEF (Section I.1.4 Methodological requirements.), cut-off limits proposed by in the latest guidance are cumulatively no more than 5%, and 1% individually.
https://www.stradalex.eu/en/se_src_publ_leg_eur_jo/toc/leg_eur_jo_3_20211230_471/doc/ojeu_2021.471.01.0001.01
- JRC: Newest document:
https://www.stradalex.eu/en/se_src_publ_leg_eur_jo/toc/leg_eur_jo_3_20211230_471/doc/ojeu_2021.471.01.0001.01
- IWG Chair wondered if the question about the type of data and their availability. (secondary data, primary data, ...)

See document(s):

SG2: N.a.

SG3: N.a.

SG4: https://wiki.unece.org/download/attachments/231899769/A-LCA-14-02_SG4_update_IWG_14th.pdf?api=v2

SG5: https://wiki.unece.org/download/attachments/231899769/A-LCA-14-04_SG5%20status%20ver1.pdf?api=v2

SG6: https://wiki.unece.org/download/attachments/231899769/A-LCA-14-03_SG6%20Draft%20Guidelines%2022-01.docx?api=v2

Agenda Item 5: Overarching aspects

Not completed due to a lack of time.

See document(s):

N.a.

Agenda item 6: Next steps

The Chair briefly discussed the preparation for the upcoming IWG meeting in April (in Korea).

- SG7 activities will be undertaken, and members are invited to register/indicate their interest.
- All SG’s are invited to proceed with their activities and to coordinate amongst them.

- During the next IWG a slot will be provided in order to discuss the drafting process for the coming months.
- The participants are invited to review the documents that are updated frequently on the wiki here: <https://wiki.unece.org/display/trans/Documents+to+be+reviewed+frequently>

Agenda item 7: Any Other Business

Next meeting will be in Korea on 18 and 19 April 2024, all details and travel arrangements may be asked to the IWG chair and the Korean delegation directly.

The Chair briefly presented the status of the calendar for the coming IWG meetings:

CALENDAR:

1Xth session A-LCA

In-person meeting (Korea, Seoul)	18 & 19 April 2024	TBC
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* Please note that Hybrid Meetings are planned as such, but that they are depended on the situation. As such, please note that a Webex-link can't be assured with 100% certainty.

Agenda item 13: Closing

The chair thanked the participants and formally closed the meeting.

ANNEXES

Participants list (82 participants):

Contributors		73	^
	Romain Denayer (You) Meeting host		K.Yamamoto JASIC/Niss...
	Romain Denayer Your presentation		Kohei Shimoda (JPN)
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	Giuseppe Di Piero		Swirl
	Gustav Krantz		Tatjana Kotus
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