

Draft meeting minutes
10th Session of the Informal Working Group
on Automotive Life Cycle Assessment (IWG on A-LCA)

Webex:

<https://ntsel.webex.com/ntsel/j.php?MTID=m6ddcf2a2da2161ef81ebb351afe5fcc0>

Meeting documents available at:

[A-LCA 10th session - 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-10-01*	Agreement
~ 11:40	3	Adoption of the last meeting minutes	Secretariat	A-LCA-09-05**	Agreement
~ 12:40	4	Status of each SG activities	SG leaders	Please provide status/inputs or concerns beforehand this session.	Decision & status update
~ 12:55	Break				
~ 13:40	5	Update of overarching aspects	Chairs	A-LCA-10-02*	Status update
~13:50	6	Next Steps Preparation for the next in-person meeting in October	Chairs		Notification
~13:55	7	Any other business	All	NA	Notification
~14:00	8	Closing	Chairs	NA	Closing

10th A-LCA sessions

Agenda Item 1: Welcome and introduction

The chair welcomes the participants to the 10th A-LCA meeting

Agenda Item 2: Adoption of the agenda

The chair reviewed the agenda for this session with the participants. No remarks were made, and the agenda was thus adopted.

See document(s): A-LCA-10-01R1_draft Agenda.pdf:

https://wiki.unece.org/download/attachments/208536935/A-LCA-10-01r1_Agenda.pdf?api=v2

Agenda Item 3: Adoption of last meeting minutes

The chair presented and reviewed the meeting minutes of last session (9th session of 10 July 2023) which caused several comments:

Vehicle category

Comment OICA: It should be clarified that the priority of work is the vehicle category 1-1, and not 1 which includes heavy duty busses. This should be corrected. OICA comment is supported by Korea: Vehicle category 1-1 should be first priority

Ricardo: need perhaps expand to LD Vans, in addition to 1-1?

NGVA: We should start with 1-1, other categories could have different measurement units, for example g/km versus g/t km or g/passenger km. IWG should start with vehicle category 1-1.

Chair: confirms that baseline is cat 1-1 vehicles and minutes were modified. Nick to modify excel file with overarching topics.

Vehicle specification

Ricardo proposes to add the vehicle specification as part of the process as a row into excel sheet.

No decision on this. Need more definition. How the vehicle has to be defined, how define the configuration as representative vehicle?

EPA: Wouldn't specifications simply refer to TRANS/WP.29/1045 ?

Ricardo: The point is rather around determining the representative vehicle configuration, and what are the key specification elements that should be particularly focused on (i.e. that have the biggest effect on the footprint).

Chair: Specification and variety of powertrains is a lower level of overarching aspects. Suggestion is to delegate this aspect to SG discussion, on high level cat 1-1 is agreed.

Ricardo: We need to make sure that discussion exists between subgroups.

Meeting minutes adopted with the discussed clarifications

See document(s):

A-LCA-09-05_Draft_Meeting_minutes.docx

https://wiki.unece.org/download/attachments/208535997/A-LCA-09-05_Draft_Meeting_minutes.docx?api=v2

Agenda Item 4: Status of Subgroup activities

SG 2 status presentation by SG chair

See document(s):

https://wiki.unece.org/download/attachments/208536935/A-LCA-10-03_SG2%20Discussion%20items.pdf?api=v2

See presentation on wiki SharePoint for important subjects as the recycled content and the list with discussion items.

The material process with mass of material loss and material mass in final vehicle are important activity data to be defined.

Comments:

Ricardo: Discussion on resin mentioned on last slide. Is a specific resin meant or other plastics?

Answer: Others are included.

Chair: Page 7 on level concept. What about primary data availability? Level depends on availability. Concerning materials assumptions, how to proceed for each level, using primary data?

Answer SG chair: For each vehicle all primary data on material content can be collected from IMDS system.

The effort for more effective production, for scrap and loss rates, primary data should be collected. This is limited today because of high number of parts, SG 2 is thinking level 2.5 in between.

Chair: In conclusion, the primary data for vehicle weight base are available, but uncertainty for losses, some secondary data are needed.

EU DG CLIMA: For the battery material discussion, we need to check with EU battery regulation. Carbon foot-print work ongoing, JRC involved.

Korea, page 7: Important power generation mix. Which detail? Individual country? Where recycling plays a role? Where is recycling in this chart?

SG Chair: This is currently not yet deeply discussed, will be discussed later. Intensity data need recycling rate and which country produces the product, power intensity is different in different countries. Not yet discussed in SG 2.

Ricardo : On recycling - not only power mix, but also typical recycling/material recovery rates may be different by region.

Co-secretary: There is no JRC as participant

EU: Experts are in SG 5. JRC is involved in Battery regulation, but not following SG 2. EU battery regulation, adopted text, see:

<https://www.consilium.europa.eu/en/press/press-releases/2023/07/10/council-adopts-new-regulation-on-batteries-and-waste-batteries/>

Chair: JRC to join SG 2 activity? (to ask EU/JRC)

SG 3 status presented by SG chair

See document(s):

https://wiki.unece.org/download/attachments/208536935/A-LCA-10-04_Progress%20Status%20in%20SG3_r2-ch.pdf?api=v2

See presentation on wiki SharePoint

SG 3 continues to discuss the level concept.

Members were asked to share different PCF examples to better understand the level concept based on examples.

Q&A:

Chair: In first table on level description, how do you see the table under the aspect of use of primary data?

Answer: See in columns for supply chain modeling for secondary data and primary data. Level 1 and 2 based on vehicle detail. Level three partially primary data

Chair: IWG is not to recommend how the results of method to be used.

SG chair: This is done for comparison, to get an idea what information can be extracted from the method.

Chair: Comparison item is not included in ToR, not for final method.

SG 4 presentation JRC by SG chair

See document(s):

https://wiki.unece.org/download/attachments/208536935/A-LCA-10-05_SG4_status.pdf?api=v2

See presentation on wiki SharePoint

Q&A:

Korea: For the use phase, concerning the maintenance items, do you foresee to get carbon intensity from other SGs?

Answer: We consider meeting with other subgroups, there is interaction, need to be discussed

SG 5 presentation from SG 5 chair:

See document(s):

https://wiki.unece.org/download/attachments/208536935/A-LCA-10-06_Status%20of%20SG5%20activities.pdf?api=v2

See presentation on wiki SharePoint

SG agreed to aim level 3, partial primary data, see slide 3.

Recycling model, the circular foot-print formula (CFF) is the most controversial topic for the moment. See slide on controversial topics

Concerning the system boundary definition, the proposals from JP and China are discussed.

Q&A:

US EPA: US is interested in participation in SG 5 and SG 4. How to request participation?

Chair: Send request to SG leading team, IWG leading in copy

SG 6 presentation by SG 6 chair

See document(s):

https://wiki.unece.org/download/attachments/208536935/A-LCA-10-07_Update%20SG6.pdf?api=v2

See presentation on wiki SharePoint

First goal is to collect existing information and align with level concept.

For the controversial topic list, see slide 3.

Core work: Develop a list of fuels, see excel sheet posted on wiki page of SG6

The SG agreed to work on level 4, and then provide lower level application variants

Still looking for a co-chair for SG 6.

Q&A:

Ricardo: You show the focus on energy for the use stage, but there is also energy need for the other phases. We need also to focus on electricity in other stages. How to respond to this need? How to deal with future projections of the carbon footprint? Not in controversial list?

SG Chair: The list contains most energies also used for other phases.

Concerning the projection into the future? All agree that this needs to be taken in account, it is not really a controversial item. The question is how to use official projections, it is more a methodology item than a controversial topic.

Ricardo: Some different rules have to be taken in account for different life cycle stages.

Chair: We need to talk overarching aspects especially for overlapping issues between SGs

Lunch break

Agenda item 5: Overarching aspects

Open questions to the IWG?

SG6: Ricardo thought that SG6 deals with all stages of lifecycle. There is a need to take the differences between the life cycle stages in account.

US EPA: US would like to see different energy processes in SG 6, analysis should be regional. For example, e-fuel production is very different on regional level.

Use phase, production and recycling should use the production framework from SG 6.

Chair: What needs to be clarified?

SG 6 Chair: Each of other SG will be influenced by SG 6 method. We need to define the cutoff points. Agreed that the goal of the SG6 is the analysis of different type of fuels, independently of car usage or industry use. SG 6 will clarify the process flow and clarify better the open points between SG 6 and other SGs.

Chair: Interactions between SGs

Proposal for leaders **SG 3 and SG2** to get together to discuss this point.

SG 3 leading team: Need to arrange a call between SG 3 and SG2 to clarify issues.

Interface SG 3 and SG4, chair suggests e-mail contact between SGs

SG 3 leading team: Should also do so between **SG3 and SG6**.

Chair: SG1 could be a suggestion to discuss overlapping issues

CLEPA: These are mainly real bi-lateral issues. Should be done in bi-lateral discussion

Chair: ok, responsibility of SG leads to contact each other.

SG 5: Clarification of topics needed between **SG2 and SG5**, but may also concern SG3 for vehicle parts not only material. This is an overarching topic.

Chair: first discussion in SG5, then specify issue related to other SGs

SG 5: Ok, if other SG have EoL issues, please contact Aoki

Chair decision:

Overlapping issues should be discussed first one by one

If need is, later remaining overarching issues can be taken by IWG SG 1.

Agenda item 6: Next steps

CALENDAR:

11th A-LCA Session

Hybrid* meeting (Brussels) 17 and 18 October 2023

Meeting venue:

FEBIAC

Boulevard de la Woluwe 46 - 1200 Bruxelles

* 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 7: Any Other Business

Nothing to report

Agenda item 8: Closing

The Chair thanked all the participants for their participation and formally closed the meeting at 14:10 CET.

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ANNEXES

Participants list: (86 online)



