

Draft meeting minutes
9th Session of the Subgroup 6 (Fuel & Energy Cycle)
of the IWG on Automotive Life Cycle Assessment
(IWG on A-LCA)

Online:

<https://meet.google.com/beo-ogbh-bdb?hs=122&authuser=0>

Meeting documents available at:

<https://wiki.unece.org/display/trans/SG6+-+9th+meeting>

Agenda

Meeting info	
Date	December 19 th 2023
Time	12:00noon until 01:30pm CET
Link	Online: https://meet.google.com/beo-ogbh-bdb?hs=122&authuser=0

Time		Agenda Item	Lead	Working Paper	Purpose or Target
12:05 ~	1	Welcome and introduction >Nomination of co-leader for SG6	Chair	NA	Introduction
~ 12:10	2	Adoption of the agenda	Chair	A-LCA-SG6-09-01	Agreement
~ 12:15	3	Adoption of the last meeting minutes	Chair	A-LCA-SG6-08-05	Agreement
~ 12:25	4	SG4 Guidelines – quick review of last meeting	Chair	A-LCA-SG6-08-06	Information
~ 12:45	5	Functional Unit	Chair	TBC	Discussion
~ 13:00	6	Indirect Land-Use Change	ICCT	A-LCA-SG6-08-04	Agreement
~ 13:15	7	Preliminary discussion of Levelling Concept	Chair	NA	Discussion
~ 13:25	8	Any other business & next meeting	Participants	NA	Notification
~ 13:30	9	Closing	Chair	NA	Closing

Meeting Minutes

Agenda Item 1: Welcome and introduction

The chair welcomed the participants.

The chair announced that Japan have indicated that they are willing to provide a co-leader for this SG. The chair thus submitted Dr. Kawaharada candidacy to the subgroup. He presented himself very briefly. The subgroup approved the nomination.

After a brief introduction, the chair proceeded to the first point on the agenda.

Agenda item 2: Adoption of the agenda

The agenda was approved by the participants.

Agenda item 3: Adoption of the last meeting minutes

The last meeting minutes have been approved.

Agenda item 4: SG4 Guidelines – quick review of last meeting

The chair quickly reviewed the open points of discussion in the latest version of the Guidelines.

- JRC advised to stick with the last version of AR6, and thus exclude hydrogen for the moment. This will be further discussed during next meeting. The chair will reach out to the

Agenda item 5: Functional Unit

The chair raised the question to have a discussion about the functional unit.

- ICCT: Proposal to have gr COeq/MJ
- Ricardo: Functional unit versus impact unit.
- JRC: Not a lot of impact but we should take into account the occupancy rate of vehicles when driving. (f.e. 1,3). General FU should be about number of passengers over the number of kilometres x driving cycle.
 - o Ricardo agrees but number of kilometres is an assumption. Proposed to stay focussed → Number of passengers is great, kilometres is ok, but the rest is hard, so we should have passengers or energy unit.
 - o ICCT agrees with Ricardo, we should consider vehicle kilometres instead of the passenger/kilometres. Taking the discussion of the occupancy out, only LCV are including at this time.
 - o ICCT and Ricardo agree to use vehicle kilometres. JRC agrees with this also, but strictly speaking the function of a vehicle is transporting people.
- Agreement: Vehicle kilometres as main functional unit, taking into account an occupancy of 1.

Second part: addressing the energy carrier will be a functional unit of MJ. This will be presented at the IWG.

Agenda item 6: Indirect land use change emissions

ICCT briefly underlined why they believe ILUC should be included into the analysis:

- Even if consequential and not attributional.
- There are very different models and have very different results. So there is an ongoing discussion on how high this will impact the LCA. Assuming them to be 0 is wrong.
- ICCT advises to leave open to what model you would like to use to measure ILUC.

Discussion and questions:

- JRC believes that the reliability of ILUC is not strong enough and would advise to leave it out and not to quantify at this stage. But to use a qualitative approach, via several potential solutions.
- Ricardo would disagree because leaving ILUC out would be leaving out a significant impact-factor. Referred to a paper in Nature: <https://www.nature.com/articles/s41558-023-01711-7> Underlining the importance of the ILUC. Keeping this open will also not be the right choice... This should be somehow limited with a cautionary principle, considering the highest ILUC emissions.
- JRC, we are doing attributional LCA and including ILUC would mean to include contributory LCA in general. It is better to not be too precise or accurate but the level of uncertainty is the problem.
- Ricardo: the point is to highlight the level of uncertainty while providing the message that the impact is real and existing.
 - o Depends on the objective of the study, and here it risks to be hard to include and maybe less necessary to the objective of the methodology.
- No agreement to exclude it from certain levels of the levelling concept.
- JRC suggested the Low-LUC directive based on qualitative analysis. This analysis underlines the differences in types of ILUC-impact but can't be measured in a quantitative manner.
 - o <https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32022R0996>
 - o Proposal of sustainability criteria to be included.
 - o Ricardo underlines again that the most strict analysis are underestimating the impact. Recommended to select each time the worst case scenario as basic models.

The chair proposed to provide the 3 solutions to the IWG as being under discussion.

Agreement: No agreement was made up to now.

Agenda item 7: Levelling Concept

Due to a lack of time, this was not discussed. The SG agreed that this will be discussed during next meeting in January.

Agenda item 8: AOB & next meeting

Next meetings has been scheduled 22nd January 2023 from 12h00 to 13h30 CET.

No additional comments or remarks were raised.





















































Agenda item 9: Closing

The chair formally thanked the participants for the constructive meeting, repeated the to do's and closed the meeting.

Annexes:

Participants list:

IN MEETING

Contributors		17	^
	Romain Denayer (You) Meeting host		
	Romain Denayer Your presentation		
	AECC eu		
	Anne Bouter		
	E Yoo		
	Georg Bleker - ICCT		
	J. Quartararo (OICA)		
	Julien Garcia (IFPEN - FR)		
	kyungju Jeon		
	Marco Rauegi (RICARDO)		
	Marco Rauegi (RICARDO)		
	Martin RAUCH - CLEPA ...		
	Matthieu Goy		
	Michael Fähnrich		
	Notta Bot		
	NTSEL Kawaharada		
	Reino MEZAKI		
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