

Draft meeting minutes
1th Session of the Subgroup 6 (Fuel & Energy Cycle)
of the IWG on Automotive Life Cycle Assessment
(IWG on A-LCA)

Webex:

<HTTPS://MEET.GOOGLE.COM/VNC-XWXQ-GBW?HS=224>

Meeting documents available at:

Wiki not yet available!

Agenda

Agenda Item 1: Welcome and introduction

Agenda item 2: State of plat of IWG activities

Agenda item 3: Scope & boundaries (as proposed by the IWG)

Agenda item 4: Tour de table (expectations, internal knowledge, missing expertise, ...)

Agenda item 5: Next steps & next meeting

Agenda item 6: Closing

Meeting

Agenda Item 1: Welcome and introduction

The chair welcomes the participants to the 1st SG6 meeting and provided some overview of the main topics for today's meeting.

Agenda item 2: State of plat of IWG activities

The chair presented the main steps and decisions from the A-LCA leadership. During the presentation, the chair underlined the questions, tasks and timeline that have been set up by the IWG leadership team.

The chair also provided some background information with regard to the levelling concept as it has been approved by the IWG members as main structure for the development of a methodology.

Agenda item 3: Tour de table (scope, boundaries, levelling concept & SG tasks)

The chair invited the participants to, based on the questions and levelling concept as proposed by the IWG leadership, to share their preliminary thought, remarks and comments. This includes preliminary thought on the concept level, scope and boundaries. The following remarks were raised:

- **NGVA (International Association for Natural Gas Vehicles)**

NGVA underlined the necessity to start at the highest level of the levelling concept even if in practice it might be hard to already have all data. They suggested to, by starting from the highest level, deconstruct afterwards in order to define the other levels.

- **ICCT (International Council on Clean Transportation)**

ICCT agreed with NGVA and thus also believes we should develop a LCA methodology within this SG that tackles the highest level. At the same time, they underlined the importance to not disturb the quality of the data that most elements within scope should be part of the other levels as well, with a different level of quality in data.

In addition, ICCT also underlined the importance to include future outlooks (for the electricity mix and other sources if possible), methane leakage and land change emissions.

- **CONCAWE (CONservation of Clean Air and Water in Europe)**

Indicated that they agreed with most of the previously mentioned remarks and thoughts. In addition, they underlined the importance of not fully redeveloping a new LCA methodology but rather to include and optimize existing methodologies.

CONCAWE also underlined the importance of identifying the most ‘controversial’ aspects of such methodology in order to agree on those elements rather than to focus too much on existing methodologies. These ‘controversial’ aspects might have overarching and significant implications on results which we should prevent as much as possible.

- **RICARDO**

RICARDO agreed with all aspects mentioned before and does also believe that the starting level should be aimed at level 4. Stressing that all levels should have accurate data and that in no case simplified levels mean less accurate data.

(Ricardo later agreed with JRC that at least indirect land use emissions should be included)

- **CLEPA/Vitesco Technologies (European Association of Automotive Suppliers)**

CLEPA suggested to take one step back even if they agree on the need to work on a level 4 approach. CLEPA thus explained in more detail the plan with regard to the levelling concept and suggested to start with the first few steps: *“Level 4 should measure real GHG emissions of all energy consumed and produced in the energy and fuel cycle, close to a well to wheel methodology while taking into account potential differences in national, local and other geographic realities.”*

- **EU JRC (EU Joint Research Centre)**

EU JRC indicated that they already have a very extensive methodology for biofuels which includes land-use emissions. The question remains if in this analysis we include both direct and indirect emissions, or include only one.

In addition, and without wanting to diminish the importance of geographical elements, they understand the need to also take into account the geographical aspects even if these might have an adverse effect on land-use emissions if both are taken into account.

Based on these elements, the chair concluded that the SG agrees with working on an ideal methodology for a level 4 analysis while fully understanding this might not be applicable directly. The chair also underlined the importance to take into account all types of energy sources, carriers and vectors, and proposed to plot these in an Excel while taking into account the availability of data, geographical aspects, land use emissions and, production and transport of fuels.

The members of the SG agreed on these principles and further discussed on the different topics. As such, the SG concluded that it is both a matter of accuracy and precision. With accuracy being the quality of the data and precision being the scope of this SG.

Agenda item 4: Next steps & next meeting

The chair closed the discussions and repeated that the SG agreed on the following next steps:

- Develop a list of all energy sources with for each of these sources a first idea of scope and boundaries (there is also room to already identify where certain LCA-methodologies exist and if external experts should be invited to provide input)
- The SG will ask the IWG to better define the boundary of it's scope compared to the other SG's. For example the usage phase, recycling, production etc. A clear line should be decided on by the A-LCA IWG
- The SG should identify by next meeting those elements of the scope and boundaries that are most controversial or need the most level of detailed discussions

The subgroup agreed the **next meeting will be organised on 11 July 2023 at 12h00 CEST**. This will allow all relevant stakeholders from Asia, US and Europe to join.


Agenda item 5: Closing




































































The chair thanked all the participants for their participation and formally closed the meeting.

ANNEXES

Participants list:

People

 Add people

	Romain Denayer (You) Meeting host				Gustav Krantz		
	Romain Denayer Your presentation				Gyeol Han, Korea, Obser...		
	Alberto Castagnini				Hans Nuglich		
	Anne Bouter				Hyeonseou You		
	Chonghoh Lee				ijm		
	David Weiner/ Volvo Cars				Julien Garcia (IFPEN)		
	Dietmar H				kyungju Jeon		
	Dirk Bosteels				Marco Raugei (RICARDO)		
	Elodie COLLOT (UTAC/FR)				Seunggu Kang (Lucid Mot...		
	Eunji Yoo				Stefan Still		
	Georg Bieker, ICCT				Tetsuya Suzuki		
	Gustav Krantz	