

**Draft meeting minutes**  
**13<sup>th</sup> 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/gzb-ctvi-kgw>

**Meeting documents available at:**

<https://wiki.unece.org/display/trans/SG6+-+13th+meeting>

## Agenda

Meeting info	
Date	April 3 <sup>rd</sup> 2024
Time	11:00am until 12:30pm CET
Link	Online: <a href="https://meet.google.com/gzb-ctvi-kgw">https://meet.google.com/gzb-ctvi-kgw</a>

Time	No.	Agenda Item	Lead	Working Paper	Purpose or Target
11:00 ~	1	Welcome and introduction	Co-Chair	NA	Introduction
~ 11:05	2	Adoption of the agenda	Co-Chair	A-LCA-SG6-13-01	Agreement
~ 11:10	3	Adoption of the last meeting minutes	Co-Chair	A-LCA-SG6-12-07	Agreement
~ 11:15	4	Formatting SG6's product	Chair	<a href="#">A-LCA-SG6-13-02</a>	Proposal/ Agreement
~ 11:40	5	SG6 Guidelines: - H2 - ILUC - V2X	Chair	A-LCA-SG6-13-03	Agreement Next step Next step
~ 12:10	6	Allocation & Co-products	Chair	NA	Agreement
~ 12:20	7	Future Outlooks – Discussion + how	Chair	A-LCA-SG6-13-03	Consensus
~ 12:25	8	Any other business & next meeting	Participants	NA	Notification
~ 12:30	9	Closing	Chair	NA	Closing

**Leading Team:**  
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## Meeting Minutes

### **Agenda Item 1: Welcome and introduction**

The chair welcomed the participants and proceeded to the first point on the agenda

### **Agenda item 2: Adoption of the agenda**

The agenda was approved by the participants.

See document(s): <https://wiki.unece.org/download/attachments/235372598/A-LCA-SG6-13-01%20Draft%20Agenda.pdf?api=v2>

### **Agenda item 3: Adoption of the last meeting minutes**

The last meeting minutes have been approved.

See document(s): <https://wiki.unece.org/download/attachments/235372596/A-LCA-SG6-12-07%20Draft%20Meeting%20Minutes.pdf?api=v2>

### **Agenda item 4: Formatting SG6's product**

The chair from Japan presented the revised proposal for Formatting SG6's product and the declaration point. Two unresolved issues were highlighted:

#### **1. Species relevant to the use of fuel and electricity.**

The chair queried the participants on how values (g/MJ) could be determined and whether the methodology of A-LCA IWG, AR6 table should be the recommended reference.

- ICCT suggested utilizing international databases: IEA (mix) + IPCC (emission intensity of Pathway); regional databases: GREET, IDEA, ECOINVENT (emission intensity of Pathway), with AR6 being the most recent.
- Eurogas recommended adding the JEC report to the regional database.
- Discussions revolved around the formula:  $E = \text{Total equivalent CO}_2 \text{ emissions from the production and combustion of fuel (g CO}_2\text{E/MJ)}$ . The scope of emissions in the datasets should align with the agreed scope of emissions in SG6.
- JRC proposed not specifying particular databases but framing the methodology and suggesting some sources.
- A decision was made to term this section "Possible Sources for Emission Factors".

#### **2. Future Projection for A-LCA CO<sub>2</sub>E Value in Vehicle Life**

The chair suggested that future scenarios for fuel and electricity could align with those at the

"end of production" point.

- ICCT proposed considering future developments with scenarios based on stated policies, either by IEA or regional entities.

## **Agenda item 5: SG6 Guidelines**

### **H2**

The chair recommended postponing discussion on this point since the US EPA was not present at the meeting.

### **ILUC**

There were no updates on this item. SG participants and the three relevant stakeholders agreed that, as no consensus was reached before the IWG meeting in Korea, the three options would be presented at the Korea meeting for the IWG to decide on the method.

### **V2X**

JRC suggested excluding Vehicle-to-Grid from this scope. No comments were received from EPA, and discussions will continue in future meetings.

The chair proposed seeking IWG's decision on whether V2X should be included in the SG6 methodology.

*The Draft Guidelines document was subsequently updated.*

See document(s): <https://wiki.unece.org/download/attachments/235372598/A-LCA-SG6-13-03%20Draft%20Guidelines%2003-04.docx?api=v2>

## **Agenda item 6: Allocation & Co-products**

- JRC: Following the CLEPA (SG3 co-chair) presentation, recommended to follow only ISO standards and then to use RED energetic allocation.

*The Draft Guidelines document was subsequently updated.*

See document(s): <https://wiki.unece.org/download/attachments/235372598/A-LCA-SG6-13-03%20Draft%20Guidelines%2003-04.docx?api=v2>

## **Agenda item 7: Future Outlooks:** Discussion + how

Already discussed in the Agenda item 4

*IEA representative will be available for the next SG6 meeting on 30<sup>th</sup> of April.*

## **Agenda item 9: AOB & next meeting**

- IFPEN: Inquired about guarantees of origin or mechanisms related to energy and pathways for the production and use of vehicles.
  - Is there any paper, position, or intention in SG2 or SG3 regarding this? While there might not be, there are likely experts within organizations like Battery Alliance or Catena X who could provide insights on this matter.

Next IWG will be held on 18-19th April in Seoul, Korea.

Next SG6 meeting: 30 April 2024.

### **Agenda item 10: Closing**

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

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## **Annexes:**

### **Participants list:**

- Noritsune Kawaharada - JP NTSEL
- Alberto Castagnini - EUROGAS
- Anne Bouter - EU JRC
- Francois Cuenot - UN
- Georg Bieker – ICCT
- Julien Garcia - IFPEN
- Kyungju Jeon – OICA
- Michael Fahrnich
- Tetsuya Suzuki - JASIC
- AECC eu
- Banita Fidyova - AVERE
- Romain Denayer - AVERE