

**Draft meeting minutes**  
**9<sup>th</sup> Session of the Subgroup 4 (Usage Phase)**  
of the IWG on Automotive Life Cycle Assessment  
(IWG on A-LCA)

**Google Meet:**

<https://meet.google.com/mvd-pxhb-cup?authuser=0&hs=122>

**Meeting documents available at:**

<https://wiki.unece.org/display/trans/SG4+-+9th+meeting>

Meeting info	
Date	18 March 2024
Time	11:00am – 12:30pm CET
Venue	Online
Link	<a href="https://meet.google.com/mvd-pxhb-cup?authuser=0&amp;hs=122">https://meet.google.com/mvd-pxhb-cup?authuser=0&amp;hs=122</a>

Time		Agenda Item	Lead	Working Paper	Purpose or Target
11:00 ~ 11:05	1	Welcome and introduction	Chair	NA	Introduction
11:05 ~ 11:10	2	Adoption of the agenda	Chair	A-LCA-SG4-09-01	Agreement
11:10 ~ 11:15	3	Adoption of the last meeting minutes	Chair	A-LCA-SG4-08-05	Agreement
11:15 ~ 11:30	4	Update of any new information: - JRC on overview topics & discussions - OICA on maintenance	Chair	Na	Presentation
11:30 ~ 11:45	5	Presentation from Japan		A-LCA-SG4-09-03	Discussion
11:45 ~ 12:00	6	Presentation from VECC – data collection and databases	VECC	A-LCA-SG4-09-04	Discussion
12:00 ~ 12:10	7	Organisation of next steps: - Calendar - Actions - Preparation Korea meeting	Chair	A-LCA-SG4-09-02	Agreement
12:10 ~ 12:20	8	Open points of discussions and questions for other subgroups	Chair	Na	Discussion
12:20 ~ 12:25	9	Next workshop meeting (focus groups)	Chair	Na	Information
12:25 ~ 12:30	10	Any other business & Closing	Chair	Na	Closing

**Leading Team:**

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## Meeting

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

The chair greeted the attendees and moved on to the initial agenda item.

### **Agenda item 2: Approve agenda**

The chair presented the agenda. No comments were made, and the agenda was adopted.

- The members were informed that the end time of today's meeting is 12h30 (not 14h as indicated in the agenda).

See document(s): <https://wiki.unece.org/download/attachments/235372600/A-LCA-SG4-09-01%20Draft%20Agenda.pdf?api=v2>

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

The minutes from the previous meeting have been duly approved.

See document(s): <https://wiki.unece.org/download/attachments/226328640/A-LCA-SG4-08-03%20Draft%20Meeting%20Minutes.pdf?api=v2>

### **Agenda item 4: Update of any new information:**

- The co-chair/JRC presented the state of play of the ongoing discussions within the working group.
- OICA on maintenance:  
Building on prior discussions from SG4 meetings, OICA presented the next steps for maintenance within the Service Life framework:
  - o Compilation of a comprehensive list of maintenance items
  - o Development of a methodology for determining maintenance frequency
  - o Collaboration with SG3 regarding the availability of carbon emission data (primary/secondary)
  - o Proposal of draft text with technical rationale

#### Options for Maintenance Frequency:

Two options were deliberated:

1. Distance-based maintenance
2. Time-based maintenance

The group leans towards frequency based on distance due to its ease of calculation. OICA also updated the group on discussions with GreenNCAP regarding the availability of maintenance parts and consumable data.

Discussion:

Riccardo and Japan raised points regarding data availability, suggesting that whichever metric, time or distance, is reached first should dictate maintenance schedules. However, replacement of traction battery and FC stack would need a more detailed and complex calculation rather than a fixed number based on time/distance.

**Service Life Definition:**

The morning session included discussions on defining service life. It was agreed that while each region may define it differently, clarity in reporting is crucial for fair comparisons between vehicles worldwide. Detailed minutes will follow, and an expert meeting is scheduled before April 16th. Those interested in participating are encouraged to contact OICA via email.

**Agenda item 5: Presentation from Japan**

Japan presented their position on Determining CO<sub>2</sub>eq during the Use Phase (SG4) at the level concept/Representative vehicles, anticipating concrete proposals from OICA.

Following the presentation, comments were solicited for clarification. Further discussion will be continued in the next sessions with the aim of reaching a consensus.

See document(s): [https://wiki.unece.org/download/attachments/235372600/A-LCA-SG4-09-03%20Discussion%20Starter\\_SG4\\_JPN%20positions\\_20240318.xlsx?api=v2](https://wiki.unece.org/download/attachments/235372600/A-LCA-SG4-09-03%20Discussion%20Starter_SG4_JPN%20positions_20240318.xlsx?api=v2)

**Agenda item 6: Presentation from VECC – data collection and databases**

VECC delivered a presentation on their Experience & Methods for Accessing Emissions during the Usage Phase, focusing on emission control practices in China.

VECC/GALM are currently in the process of developing advanced emission control standards for both pollutants and greenhouse gases in both light and heavy-duty vehicles in China. This effort aligns with the regulations outlined in the Air Pollution Prevention and Control Law, which mandates that manufacturers and importers of motor vehicles and non-road mobile machinery must disclose environmental information to the public, including emission inspection data and pollution control technology details. They are held accountable for ensuring the accuracy, timeliness, and completeness of the disclosed information.

The Chair warmly welcomed VECC's participation in SG4.

See document(s): <https://wiki.unece.org/download/attachments/235372600/A-LCA-SG4-09-04%20%20Use%20phase-VECCGALMM.pptx?api=v2>

**Agenda item 7: Organisation of next steps:**

- Calendar

The calendar was displayed for all attendees to review. The chair suggested scheduling one meeting on the 9th of April before the Korea meeting and another afterwards for follow-up. There were no significant questions or remarks regarding the proposed dates; everyone agreed.

- Actions

The chair highlighted that a few discussion points should be finalized during the upcoming meeting.

- Preparation Korea meeting

The chair indicated that the subgroup should discuss and finalize a position in order to agree on what will be presented (and what questions will be raised) during the upcoming IWG meeting in Korea.

**Agenda item 8: AOB & next meeting**

The chair announced his upcoming departure from AVERE in April, along with resigning from his responsibilities in LCA. He conveyed appreciation to the group for their productive discussions in the past and expressed hopes of crossing paths with them again. Other participants greeted and thanked him for his contributions. Additionally, he introduced his successor at AVERE, Mrs. Banita Fidyova, who was warmly welcomed by the group.

**Agenda item 9: Closing**

The chair formally thanked the participants for the constructive meeting and closed the meeting.

## **ANNEXES**

### **Participants list:**

Romain Denayer

Samarendra Tripathy

Sokratis Mamarikas

Stefan Horlacher

Tetsuya Suzuki

Tsuyama

Virginia Lama

Reino Mezaki

Filippo Lachina

Noriyuki Ichikawa

Nikolas Hill

Nicolle Giuliani

Hee-Jeong Yim

Giuseppe Di Pierro

Georgios Fontaras

Georg Bieker

Francois Cuenot

Di Peng

Anna-Karin Engstrom

Andreas Kircher

AECC

Banita Fidyova