

GRPE A-LCA IWG SG5(EoL) Meeting 013

18th July 2024

GRPE A-LCA IWG SG5
Leader ; Shoji Aoki (JASIC/JAMA),
Co leader; Zhang Tongzhu (CATARC)

Agenda

1. SG5 012 minutes & 013 agenda confirmation
2. Controversial topics finalization
 - ELV management out of sale region-
3. SG5(EoL) 1st Drafting presentation
4. Next action

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Minutes of GRPE A-LCA IWG SG5 meeting #12

Date and time: Monday, June 17, 2024, 12:00–13:10 (CET)

Location : Online (Teams)

Attendees : See attendee list

Agenda:

1. SG5 011 minutes & 012 agenda confirmation
2. EoL LCA discussion
 - 1) Material/Parts recycling modeling discussion
 - Each CPs and NGOs position updating
 - SG5 common position
 - Drafting of "Recycle modeling"
 - 2) Other controversial topics discussion
 - ELV management out of sale region
 - Secondary data
3. Drafting "Table of Contents"
4. Interaction with other SG
5. Next action

Notes:

0. Housekeeping announcement

- Mr. Mathieu Lamarlière (UTAC) is the new French delegate to the SG5.
- Mr. Goy (OICA) will leave the LCA activities of SG5 and OICA at the end of June.

1. SG5 011 minutes & 012 agenda confirmation

- The minutes and agenda were approved unanimously.

2. EoL LCA discussion

1) Material/Parts recycling modeling discussion

- Each CPs and NGOs position

- Mr. Goy (OICA) presented the official position of OICA, which agreed with the JRC compromise proposal. This meant that all participants agreed with the JRC compromise proposal.
- Mr. Yamamoto (JASIC) asked Mr. Goy to submit the official position of OICA in writing.

Post meeting note: Mr. Goy expressed OICA's position in writing as follows:

- Concerning End of Life, OICA does not favor unanimously CFF or Cut Off, but promotes the method which is the most accurate, practical for all stakeholders of the reporting, and clearly transparent in order to prevent greenwashing. OICA therefore sees positively the JRC compromise relative to the EPD "Module D" thanks to the transparency of the modularity approach clearly identifying the RCM content from the additional environmental benefits.

- SG5 common position

- Drafting of "Recycle modeling"

- Mr. Yamamoto (JASIC) presented a revised draft regarding material and part recycling modeling. There were no objections.
- The leading team will incorporate this content into the section related to SG5 in the draft guidelines.
- Although it was decided at the last meeting not to provide a list of parts and materials, Dr. Mir (ADEME) suggested that such information be mentioned in the guidelines at the level of recommendations, as it would be useful for LCA practitioners. Mr. Yamamoto (JASIC) asked her to bring ideas to the next meeting for discussion during the drafting process.
- The name of the formula proposed by the JRC will be discussed during the drafting process.

2) Other controversial topics discussion

- ELV management out of sale region

- Based on the feedback from the previous meeting, Mr. Yamamoto (JASIC) presented two new proposals. Proposal 1 is to apply the global average secondary data of the EoL process. This case raises the issue of how to define and calculate the data. Proposal 2 is to exclude the second use and EoL phase of exported used cars to sales regions or countries. This case needs to be coordinated with SG4. The main questions and answers, and comments were as follows:
 - Nucci (European Aluminium): Regarding the management of ELVs, the most challenging issue is dealing with exported ELVs. I'm not sure whether cutting off the use phase of such vehicles, especially in the EoL, is a good approach. It's a conservative approach. If it is difficult to define a global average, we can define what is the worst process and then use it in exceptional cases.
 - Yamamoto (JASIC): I understand your comment, but what I would like to know is how to model the use cases for used vehicles exported outside the sales region.
 - Nucci (European Aluminium): If a used car is used for 30 years, the environmental impact would be significant. However, when designing a vehicle, there is nothing you can do about whether the consumer will export the vehicle or not, or whether the second user will use the vehicle for 30 years or scrap it. I'm not sure that the LCA should take into account unusual situations, such as the same car being used for another 30 years in a third country.
 - Goy (OICA): There is no perfect answer to this question because vehicles are sent to countries where the data is unknown. These vehicles outside their country of registration should not be assessed and should always be considered in such a way that, on the contrary, there is an institution to recycle these vehicles in the country of registration.
 - Aoki (JASIC): Simply put, do you prefer Option 1?
 - Goy (OICA): No. Because at the same time it is the only option and the only value that we know is wrong. This issue concerns not only SG5 but also other SGs.

- Yamamoto (JASIC): First, we should discuss this issue with SG4 to determine how to deal with this type of issue in terms of the A-LCA system boundary. Then, we should bring our common position between SG4 and SG5 to the IWG. If we prefer the cut-off from the system boundary, then we should align the IWG members' opinions at this time.

- Mr. Aoki (JASIC) will contact SG4 to discuss this issue.

- Secondary data

- Mr. Yamamoto (JASIC) explained how secondary data will be handled in SG5. Secondary data and CFF parameters for each EoL process considered so far in SG5 will not be specified in the guidelines as an official dataset in accordance with the discussion in the IWG. Information on databases that can be referenced will be included in the guidelines.

3. Drafting "Table of Contents"

- Mr. Yamamoto (JASIC) presented a draft of the table of contents. There were no objections.
- The leading team will begin drafting the guideline based on this proposed table of contents.

4. Interaction with other SG

- Mr. Aoki (JASIC) gave an overview of the joint meeting of SG3 and SG5 on June 5. The conclusion was that there were no clear common issues between SG3 and SG5.

5. Next action

- The next SG5 meeting will be held online on Thursday, July 18, from 12:00 to 14:00 CET.
- The August SG5 meeting will not be held due to the summer break.
- The leading team proposed that the September SG5 meeting be held face-to-face in Brussels on the afternoon of September 25, before the IWG meeting. After the IWG meeting dates are finalized, the SG5 meeting dates will be finalized.

Appendix 1: Attendee list

SA	AOKI, SHOJI (未確認)		MC	MIR Caroline (外部)	
BN	Benedetta Nucci (外部)		MY	Moosang Yu (유무상) (未確...	
GM	GOY Matthieu (外部)		NC	NIO Adam CN (未確認)	
JE	JEAN Emmanuel (外部)		S	Suzuki (JP/JARI) (未確認)	
LM	LAMARLIERE Mathieu (外部)		WB	WU BIN (外部)	
LY	LI Yang-Brunp (未確認)		KY	YAMAMOTO, KATSUYA (未確... 開催者	
DM	Martineau, Dominique (uid268...		장탄	장영진 책임연구원 탄소중립...	
DM	Meyer, David (未確認)		DH	Hofer, Dietmar (外部)	

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A-LCA SG4/SG5 for LCA Methodology Discussion

26th June 2024

Discussion point

■ Background

- SG5 is considering environmental impacts ELV management out of sale region.
- This is one of a controversial issue among SG5 as opinions are divided on whether to cut off this case or to calculate LCA in the region where the car was actually dismantled.
- Since this issue is not limited to EoL stage but is also in the product use stage, SG5 intends to share a common view with SG4.

■ Proposal from SG5 leading team

System boundary to exclude second Use and EoL phase of exported used car to out of sales region or country (due to not enough traceability, second use or EoL process information,,,,)

■ Next action

- Aiming for registration as an overarching aspect, report to the leading team as a common view of SG4 and 5

[Agreement]

- SG4 will continue to study Option 4, especially in next SG4 late July.
- Bring the common position between SG4/5 to IWG

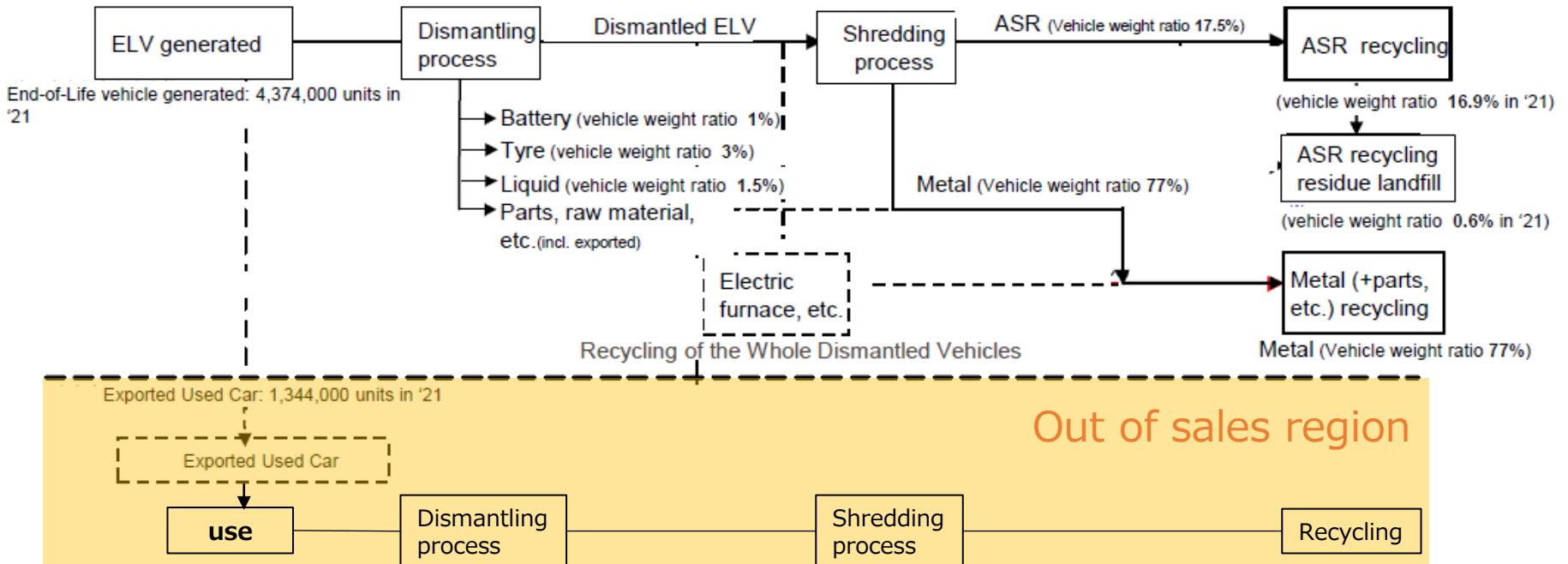
5. ELV management out of sale region

FRA

OICA

Topic	Option 1	Option 2	Option 3
ELV management out of sale region	Take into account process of country of sale	Take into account global average	Take into account process of country of EoL
Neutral CLEPA	JPN Or, EU AL	Or, EU AL	JRC CHI EPA

Japan End-of-Life Vehicle Recycling and Treatment Flow



5. ELV management out of sale region

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Compromise

<New proposal 1>

New version

The EoL GHG emission of vehicles exported from the country where they were sold/used should be evaluated by the EoL process of the country where they were exported, used and disposed/recycled.

However, if the country to which they were exported cannot be tracked or it is difficult to grasp the EoL process of the country where they were exported, used and disposed/recycled, the global average secondary data of EoL process may be applied.

Exported Used Car: 1,344,000 units in '21

- How can the global average secondary data be defined and calculated ?
- Can we draft without the global average secondary data specification?

5. ELV management out of sale region

FRA OICA

Topic	Option 1	Option 2	Option 3
ELV management out of sale region	Take into account process of country of sale	Take into account global average	Take into account
Neutral CLEPA	JPN Or, EU AL	Or, EU AL	Option 4 Cut off Use and EoL phase of exported vehicle out of sales region

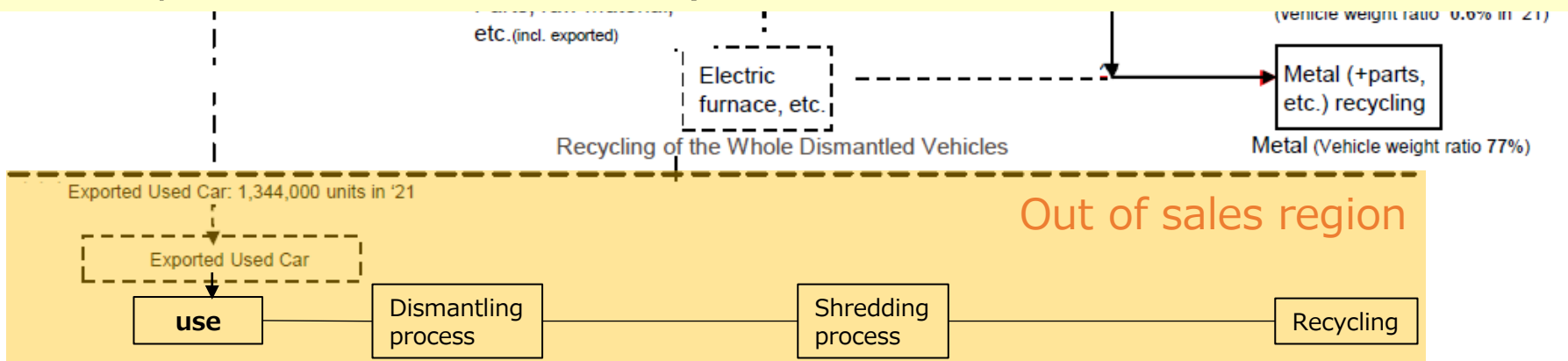
Compromise

<New proposal 2>

<System boundary>

-Exclude second Use and EoL phase of exported used car to out of sales region or country (due to not enough traceability, second use or EoL process information,,,,)

To be aligned with SG4



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Please study "SG5 EoL_Drafting_verN_240718" word document and submit "SG5 Drafting 1st FB sheet" excel document to SG5 leading team by 13th Sept.



**RÉPUBLIQUE
FRANÇAISE**

*Liberté
Égalité
Fraternité*



SG7 : KICK OFF & ROADMAP

PROPOSAL FROM FRANCE & OICA

Caroline MIR / ADEME
William Coleman / VW



SG7 leading candidates



Caroline MIR

PhD, Environmental engineer at ADEME

- *PhD in chemistry applied to LiBattery*
- *4 years at Renault Group : LCA of batteries (WP leader of TranSensus LCA on methodology)*
- *ADEME <1year : methodology of env. Score for EV ecological bonus (French Subsidies)*
 - *Specialist of LCA methodologies*



William (Bill) COLEMAN

Emissions legislation expert at VW Group/OICA

- *Involved in legislation and Type Approval since January 1985*
 - *Active in GRPE since ~2013*
- *Participant in UN-ECE LCA discussions under IWGs EFV and EVE*
 - *Otherwise no specialist knowledge of LCA*



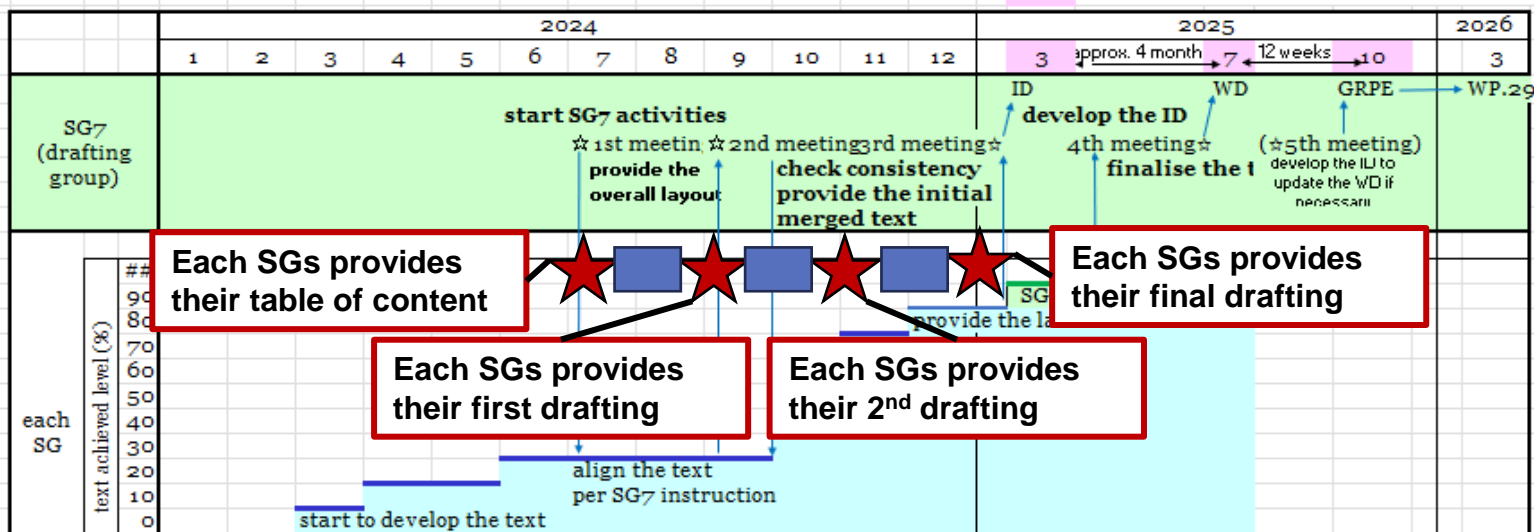
Timeline

Based on the Timeline proposed by Nick Ichikawa, we propose :

Rough Schedule of Resolution Development <A-LCA IWG>

2024.2.15

subject to change due to UNECE construction



Each SGs provides their table of content

Each SGs provides their first drafting

Each SGs provides their 2nd drafting

Each SGs provides their final drafting



SG7 checks consistency, provides feedback and start writing



Milestones for SGs



SG7 start of activities on July 2024 with overall layout

Request

Please study “SG5 EoL_Drafting_verN_240718” word document and submit “SG5 Drafting 1st FB sheet” excel document to SG5 leading team by 13th Sept.

Instructions/Remarks for your study

- Focus on the content itself because common rule of guideline, e.g. the structure of the chapter,, is under study by SG7
- Some chapter may be transferred to “General Item applied to all stages in Methodology”
 - e.g. 1.1.3.1 Material and parts recycling modeling,
 - 1.1.3.2 Incineration with energy recovery

SG5 6 months schedule for Drafting

	2024							2025		2026
	6	7	8	9	10	11	12	1		3
Main activities	Finalizing Methodologies and Drafting									
GRPE A-LCA IWG				☆ 26,27					☆ 10 GRPE	☆ WP29
SG7 activities				☆				☆		
SG5 Meeting	☆	☆		☆	☆	☆	☆	☆		
1. Methodologies development	☆									
2. Drafting	☆	☆		☆	☆	☆	☆	☆		

1. Methodologies development	<p>Controversial topics finalization</p> <p>↑</p>
2. Drafting	<p>Table of Contents</p> <p>↑</p> <p>-Overall Layout Confirmation</p> <p>-1st SG5 draft Presentation</p> <p>1st Draft Discussion</p> <p>2nd</p> <p>3rd</p> <p>4th</p> <p>Final</p> <p>1st Draft Submission</p> <p>Final Draft Submission</p> <p>1st Drafting by LT</p> <p>Study by each CPs and NGOs</p> <p>Draft finalization</p>

- Next SG5 meeting

1. Date ; half day, late September
2. Venue; In person & Online, hybrid
3. Attendee; all SG5 member
4. Agenda; according to SG5 6months drafting schedule
 - SG5 1st EoL drafting discussion
 - Next action

<Reconfirmation>

-Sept SG5 ; 13:00-17:00 on 25th Sept in person
@ JAMA office in Brussels

25th Sept. SG5 meeting 015 agenda

& logistics

- Date & Time ; 25th Sept, 2023, 13:00-17:00
- Attendee ; -Leader, Co leader, MAIN PARTICIPANTS; in person
-OBSERVERS; on line
- Venue; JAMA European office, Floor 4, Avenue Louise 287,
1050 Brussels, Belgium
- Agenda
 1. Opening speech by SG5 leader/Co leader ; 13:00-
 2. SG5 013 minutes and 014 agenda confirmation ; 13:10-
 3. **SG5 1st Drafting discussion (1)** ; 13:20-
-Break- 15:00-
 4. **SG5 1st Drafting discussion (2)** ; 15:10-
 5. Wrap up and next action ; 16:50-
 6. Closing speech by SG5 leader/Co leader ; 16:55-

<Request>

Please let us know your attendance in person through the reply of Teams invitation by 26th July.

Appendix