

GRPE A-LCA IWG Status of SG5 (EoL) activities

September 7th, 2023

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

Agenda

- 1. EoL level concept**
- 2. SG5 Controversial topics list**
- 3. 12 months Schedule**
- 4. EoL system boundary**
 - Japan**
 - China**
- 5. Next action**

1. EoL level concept

Achievement target

SG/Level		Lv.1 Simplified/Generic LCA	Lv.2 Targeted LCA	Lv.3 Extended LCA	Lv.4 Full LCA
SG5	End of life	No EoL evaluation	Data grade Global/Generic secondary data	Partial primary data with regional secondary data	Primary data basis with country or company level secondary data
			EoL process coverage Covering 50%(t.b.d.) of global/generic EoL process	Covering 80%(t.b.d.) of total regional EoL process	Covering 100% of total country or company level EoL process
			Recycle modeling Cut off	CFF application for important materials/Parts	CFF application for all materials, parts and process scrap

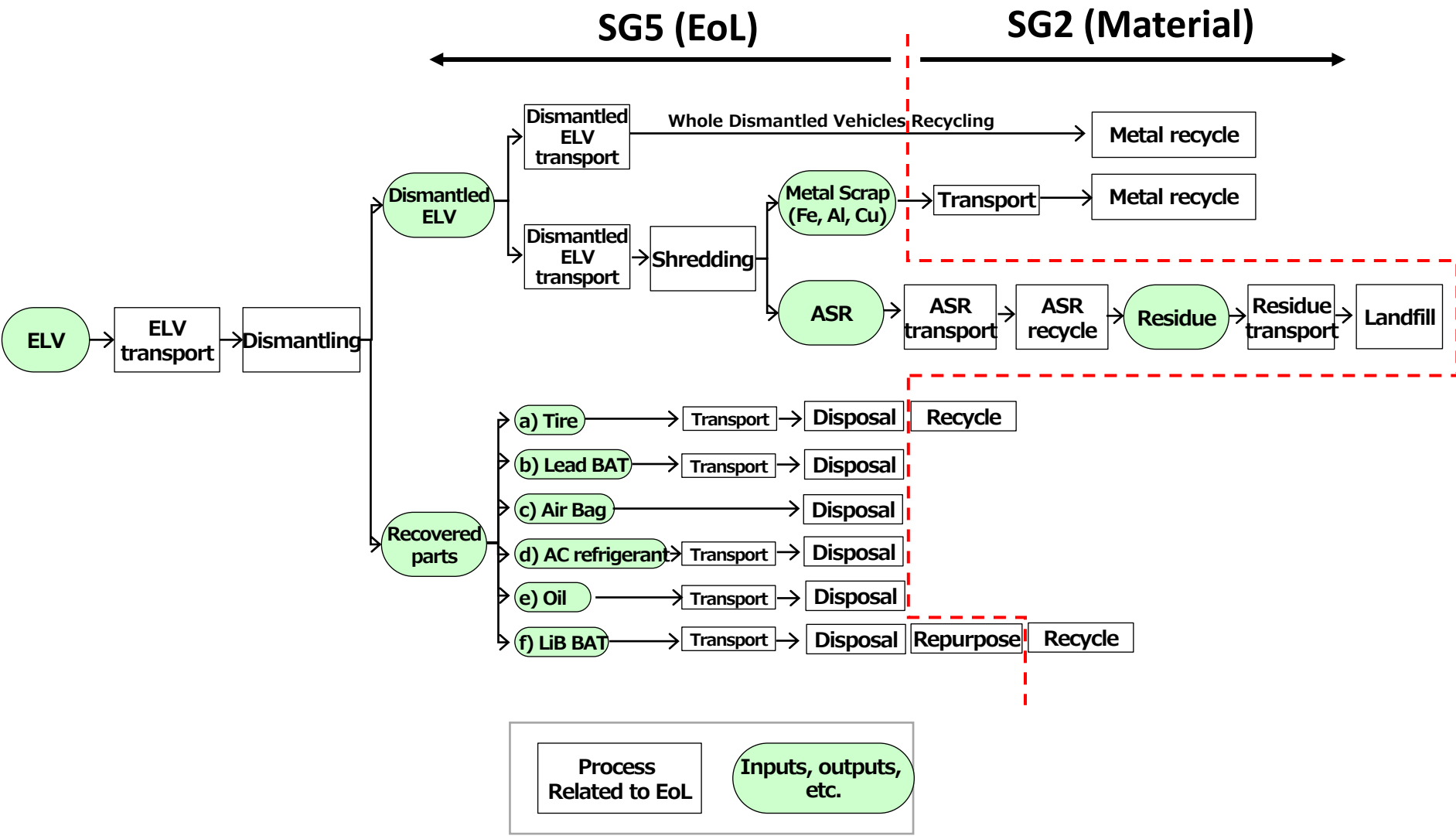
-12th July SG5 meeting 002; The leading team proposed a revised EoL level concept reflecting feedback from attendees. The achievement target in SG5 is level three. The proposal was adopted.

-4th Sept. SG5 meeting 003; Some comments/remarks raised by OICA member, especially for Recycling modeling. Continue to be discussed as the most important Controversial topics in SG5.

2. SG5 Controversial topics list

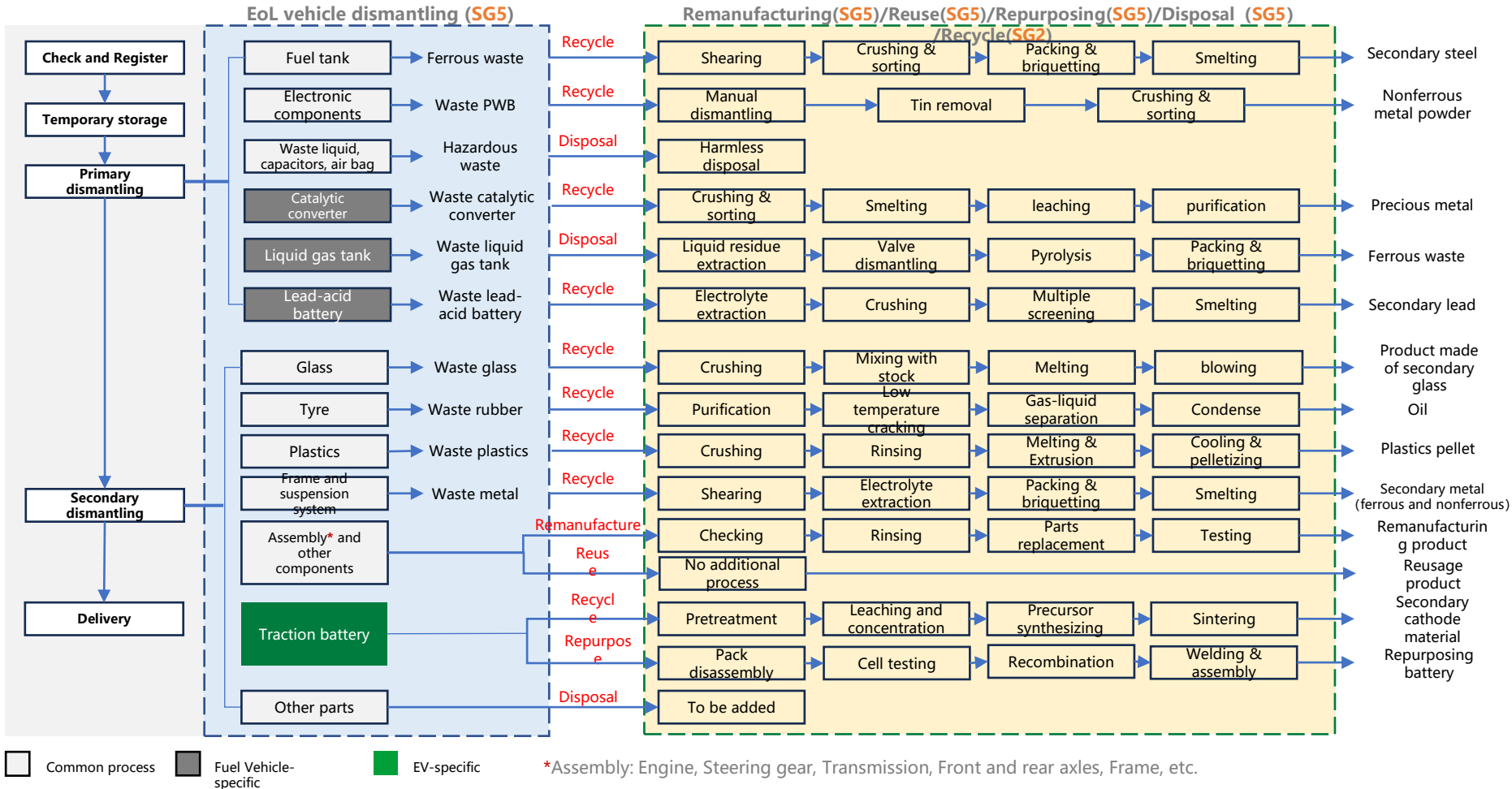
Topic	Option 1	Option 2	Option 3
Secondary data	Global harmonised	Region by region	Country by Country
Logistics	Include	Exclude	-
Recycle process	Current process	Future process	-
Second life parts	Include	Exclude	-
ELV management out of sale region	Take into account process of country of sale	Take into account global average	Take into account process of country of EoL
Material/Parts recycling modeling	Recycled content method (Cutoff)	Closed Loop Approximation Method (CLAM)	Circular Footprint Formula (CFF)
More important controversial topics			
Boundary conditions	SG 5	SG 2	

4-1. EoL system boundary –Japan–



4-2. EoL system boundary – China-

2 Dismantling parts processing of EoL vehicle



5. Next action

■ Next SG5 meeting

1. Date & time ; 19th Oct. just after GRPE A-LCA IWG, 9:00-15:00?
2. Venue; T.B.C. @ Brussels, Hybrid
3. Attendee; all SG5 member
4. Agenda ; EoL LCA intensive discussion pull forwarding some agenda in 12 months schedule
e.g. System boundary, Material/Parts recycling modeling *with SG2?*

<Issue>

• *Logistics, especially for Venue*

■ Support request

- In the upcoming November SG5 meeting, the US regional End of Life (EoL) process will be one of the main agenda items. However, currently, no members from the US are participating in SG5.
- We kindly request the leadership team to arrange for or involve an expert who is familiar with this issue.