

# Next Steps

23rd May 2023

7th session of A-LCA IWG meeting

The leading team of A-LCA IWG

Although it seems to be premature for each CP to set the target level, it is clear that the target should be level 2 or + (for relevant SGs) according to the ToR. Having better understanding with our target allows us to start SGs' plans and tasks.

Reminder:

The current table of overarching aspect in "overall timeline" should be agreed soon by the IWG.

# Reminder

The current table of overarching aspect in "overall timeline" includes opinions or memorandums as well as decisions made by IWG. SG1 can refine the table for IWG to review them after confirmation of the leveling concept.

Overall Timeline				A-LCA-05-02		2023		IWG act																																									
				Work Stage		agree on overarching aspects and determine subgroup structure		Deve Method																																									
				Meeting		Geneva		Geneva																																									
						Hybrid: initial proposal		additional																																									
						Web: feedback from IWG member		: tb																																									
						revised proposal&discussion : Hybrid?																																											
						final feedback from IWG member : Web																																											
						finalisation: Hybrid																																											
to-do list	experts from outside GRPE?	discussion point # in PCR book	working organisation	KOR positions			CLEPA position																																										
				Overarching items ?	handled by	remarks	Group	remark																																									
1 Step-wise goal of A-LCA (balance between accuracy and workload)	N	1.6	IWG	✓	IWG	Encouraging the adoption of a step-by-step approach and focusing on GHG emissions for impact category	IWG	As defined in the ToR: Start with GWP and eventually use that as blueprint for other impact categories																																									
2 Applicable automotive product categories	N	1.2, 3.1	IWG	✓	IWG	Suggesting priority of automotive product categories based on the proportion of GHG emissions they contribute - Category 1-1(focused on passenger vehicles in initial stage) > Category 1-2 > Category 2 > Category 3 - Special purpose vehicle and Trailer : later stage	SG4	from a PCF methodology perspective vehicle types differential only in use stage																																									
3 Scope of greenhouse gas species Definition of CO2E	?	1.6 3.3 (5)&(6) 5	IWG	✓	IWG	Species of GHG need to be determined - Focusing on CO2, CH4 and N2O which are most emitted GHG species in automotive sector - Converting to unit of CO2e using GWP values based on a 100-year time horizon as identified by the IPCC, etc.  <table border="1"> <thead> <tr> <th rowspan="2">Greenhouse Gas</th> <th colspan="3">100 Year Time Period</th> <th colspan="3">20 Year Time Period</th> </tr> <tr> <th>AR4 (2007)</th> <th>AR5 (2014)</th> <th>AR6 (2021)</th> <th>AR4 (2007)</th> <th>AR5 (2014)</th> <th>AR6 (2021)</th> </tr> </thead> <tbody> <tr> <td>CO<sub>2</sub></td> <td>1</td> <td>1</td> <td>1</td> <td>1</td> <td>1</td> <td>1</td> </tr> <tr> <td>CH<sub>4</sub> (fossil)</td> <td>25</td> <td>28</td> <td>29.8</td> <td>72</td> <td>84</td> <td>82.5</td> </tr> <tr> <td>CH<sub>4</sub> (non-fossil)</td> <td></td> <td></td> <td>27.2</td> <td></td> <td></td> <td>80.8</td> </tr> <tr> <td>N<sub>2</sub>O</td> <td>298</td> <td>265</td> <td>273</td> <td>289</td> <td>264</td> <td>273</td> </tr> </tbody> </table>	Greenhouse Gas	100 Year Time Period			20 Year Time Period			AR4 (2007)	AR5 (2014)	AR6 (2021)	AR4 (2007)	AR5 (2014)	AR6 (2021)	CO <sub>2</sub>	1	1	1	1	1	1	CH <sub>4</sub> (fossil)	25	28	29.8	72	84	82.5	CH <sub>4</sub> (non-fossil)			27.2			80.8	N <sub>2</sub> O	298	265	273	289	264	273	IWG	carbon dioxide (CO <sub>2</sub> ), methane (CH <sub>4</sub> ), nitrous oxide (N <sub>2</sub> O), hydrofluorocarbons (HFCs), perfluorinated compounds, sulfur hexafluoride (SF <sub>6</sub> ), nitrogen trifluoride (NF <sub>3</sub> ), perfluorocarbons (PFCs), fluorinated ethers (HFes), perfluoropolyethers (e.g., PFPEs), chlorofluorocarbon (CFCs) and hydrochlorofluoro-carbon (HCFCs). emission factors: GWP100 IPCC AR6 Table 7.15 <a href="https://www.ipcc.ch/report/ar6/wg1/downloads/report/IPCC_AR6_WGI_Chapter07.pdf">https://www.ipcc.ch/report/ar6/wg1/downloads/report/IPCC_AR6_WGI_Chapter07.pdf</a> ; Table 7.SM.7 in Chapter 7 Supplementary Materials <a href="https://www.ipcc.ch/report/ar6/wg1/downloads/report/IPCC_AR6_WGI_Chapter_07_Supplementary_Material.pdf">https://www.ipcc.ch/report/ar6/wg1/downloads/report/IPCC_AR6_WGI_Chapter_07_Supplementary_Material.pdf</a> PCF guideline that covers automotive products up to the complete vehicle
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4 Result objective	N	1.1 ?	IWG				IWG																																										
5 Cross cutting(overarching) methodological topics, data requirements & plausibility checks		1.5 4.1.1.2 4.1.1.4					SG2 & 3 & 6	4.1.1.2 keep (1) - (4) 4.1.1.4 discussion required on secondary data!																																									
Components to be covered		1.3		✓	IWG	Important to clarify the criteria for selecting parts	IWG	methodology should apply to all parts, receiving end of the PCF has to define if any parts have																																									

In case that additional items for overarching aspect raised from SGs later on ,

The SG leaders should inform to the IWG leading team.

The IWG leading team and SG1 work together to identify that the items should be taken by the IWG or should ask further clarifications on the items to the SG.

The IWG came up with conclusions with the items inputted, then the list will be updated.

The similar approach should be taken in the cases that SGs request guidance.