

A-LCA IWG proposed Structure:



Group 1: Scope and Boundaries





Four Sub-groups / Taskforces



- Production
- Use Phase
- End of Life















Group 3: Fuel/Energy





Group 4:
Data Model
& Verification

A-LCA IWG proposed Structure





Group 1

- Scope of greenhouse gas species
- Scope of vehicles
- Result objective
- Approach Top-down/Bottom-up
- System boundaries
- Functional / declared unit
- Cut-off criteria
- Allocation Schemes



Group 4 Data Model & Verification

- Documentation
- Data Format
- Data Definition/Qualification (primary, secondary, hierarchy)
- Data Quality Rating
- Data Validity/Sharing
- Verification Procedures



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Group 2 Vehicle



Possibly three taskforces:

- Production
 - Materials
 - Component Production
 - Vehicle Assembly
 - Transport

- Use phase
 - Representative Use
 - Lifetime, Mileage
 - Real Driving vs. Test Cycles
 - Non-Propulsion Energy Use

- End of Life
 - Dismantling
 - Recycling
 - Remanufacturing
 - Transport

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Group 3 Fuel/Energy

Scope: all life cycle phases

- Certification schemes
- Fossil Fuel (Liquid & Gaseous) Data Provision
 - Fuel production
 - Fuel refining
 - Fuel distribution
- Electricity Data Provision
 - Generation
 - Storage/Distribution
- Renewable Fuel Data Provision (H2, eFuels, NH3..)
 - Fuel production
 - Fuel refining
 - Fuel distribution
- Future Energy CO2-Intensity



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Proposed Sub-Groups and/or Task Forces	Who is the leader?	Main participant (CPs & NGOs)	Outputs	Until when	Profits	Concerns
Sub-Group 1: Scope and Boundaries		CLEPA as contributor	Gurantee homogenous approach for all sub- groups Gurantee consistency with the ToR	Must be the first activity to be finalised asap (june2023)	Sub-group would progress quicker than whole IWG	Is group 1 equal to the IWG? Need for this subgroup?
Sub-Group 2: Vehicle		CLEPA as contributor	Methodology to determine Vehicle specific GHG emissions over whole live cycle		Coordinates taskforces around the vehicle	
Taskforce 2a: Production	CLEPA		Product specific carbon footprint rule, product production cradle to gate		Groups stakeholders in production supply chain: material supply, automotive suppliers, OEM	
Taskforce 2b: Use Phase		CLEPA as contributor	Methodology to determine Vehicle specific GHG emissions in use phase (all energies, use input from sub-group 3: WtT and carbon footprint for electricity)	Groups 2 with taskforces and Group 3 can be organised in // of each others. Duration is overall timing available for the IWG prior working document	Groups stakeholders in usage phase: OEM, end-users, energy infrastructure and distribution, public authorities	
Taskforce 2c: End of Life		CLEPA as contributor	Methodology to determine Vehicle specific GHG emissions for End of Life (recycling, refurbishment, re-use and disposal)		Groups stakeholders EoL and recycling	
Sub-Group 3: Fuel/Energy			Methodology to provide GHG emissions for fuels (Well-to-tank), including fossile and renewable liquid and gaseous fuels Methodology to provide GHG emission for electricity (production, storage, distribution up to vehicle plug) Methodology to forecast future GHG intensity for electricity and fuels		Groups stakeholders in energy supply chain: oil industry, electricity providers, alternative energy providers, infrastructure and distribution, public authoriteis Cooperation with GEEE to be considered	
Sub-Group 4: Data Model & Verification		CLEPA as contributor	Set of rules to guarantee Data Quality, Collection, and assessment as well as transparency of the collected data including a verification/auditing mechanism	Higly transversal group should start in parallel with group 1	Groups stakeholders like OEM and suppliers, infrastructure, public authoriteis and verifing/auditing organisations	

Timing and overall consistency with ToR and between Sub-groups is guaranteed by the A-LCA IWG