

# SG 6: Energy & Fuel Cycle

**4th meeting**

20/09/2023

*Welcome, we will start at 12h05 sharp!  
Please make sure to mute when not speaking.*

# Agenda

Meeting info	
Date	September 21 <sup>st</sup> 2023
Time	12:00noon - 01:30pm CEST
Venue	Online
Link	Webex: <a href="https://meet.google.com/zud-rmhe-icx?hs=224">https://meet.google.com/zud-rmhe-icx?hs=224</a>

Time		Agenda Item	Lead	Working Paper	Purpose or Target
12:00 ~	1	Welcome and introduction	Chair	NA	Introduction
~ 12:10	2	Adoption of the agenda	Chair	A-LCA-SG6-04-01	Agreement
~ 12:15	3	Adoption of the last meeting minutes	Chair	NA	Agreement
~ 12:40	4	Scope and definitions (draft proposal) >Open questions & IWG answers >Overview of fuels >>JRC >>NGVA Europe >Controversial topics list >Discussion	Chair	A-LCA-SG6-04-02  A-LCA-SG6-03-04 A-LCA-SG6-04-03 A-LCA-SG6-03-03	Presentation
~ 12:55	5	Any other business	Participants	NA	Notification
~ 13:00	6	AOB & Closing	Chair	NA	Closing

# Next IWG LCA (10/09)

## Open questions to the IWG A-LCA

1. Where do we the system boundary and cut-off point between fuel and energy SG and other subgroups? (mostly SG3 & 4)
  - Charging equipment and fuel stations
2. Which leveling approach should we take?
  - SG-members of SG6 are willing to go for level 4 but we should align with other SG's
3. Timeline for each SG?

## Answers from IWG A-LCA

1. To be discussed at the October meeting
2. Disagreement between SG's, clarity should be brought in October
3. Very similar to ours with summer of 2024 as preliminary goal

# Scope & definitions

## **Overview of fuels & methodologies**

JRC draft proposal (3th SG6 meeting)

NGVA Europe draft list

Others?

# Scope & definitions

## Controversial topics list:

1. Allocation. Simplified, do we consider ISO 14040 sufficient with regards to the priority when assessing emissions from multifunctional processes:
  - Avoid allocation by system expansion.
  - Allocate according to physical quantifiable unit (MJ, kg etc.)
  - Allocate according to other quantifiable unit (economical or other).
  - To what extent will we be able to make the same allocations to the different fuel pathways?

Since the 1st priority should always be to avoid allocation (and expand system boundaries instead), then complying with the ISO standards is quite uncommon?

2. Intermittency. How is storability to be methodologically considered in LCA. Currently modelled by either using average/marginal values for electricity. Opportunity for SG6 to at least clarify the discussion (this is where we are today) or to highlight which questions are not addressed in the LCA of today.
3. Product economic status i.e., is it by-products or determining products? Not considered in ALCA today which reduces the accuracy (though the precision is high) if consumer compares a by-product with a determining product. See for instance (Krantz, 2022).
4. ILUC. Whether or not this is included can often shift a renewable fuel from preferable to non-preferable.

# AOB & next meeting

**Any other business?**

**Suggestion: Thursday 26 October at 12:00h-13:30h CEST**

Still looking for additional co-chairs!

*For any questions or remarks, please contact the SG-chair:*

*[romain@avere.org](mailto:romain@avere.org)*

Thank you!