

## Draft controversial topics list

## IWG A-LCA SUBGROUP 6

This list has been drafted by SG6 and is put up for review to the entire subgroup. This should be a living document that evolves in the coming weeks and months.

Issue/question	Solution/consensus
1. 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.	
2. 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).	
3. ILUC. Whether or not this is included can often shift a renewable fuel from preferable to non-preferable.	
4. Is the average of a product enough? What does it tell us about a product in the future?	
5. Do we want to consider allocation in refineries or not?	
6. Carbon capture and storage do we include it or not?	
7. Co-processing and	
8. Which methodology will we choose to quantify the GHG emissions? IPCC (but which report?) Do we count on using carbon feedback?	