

Summary of Day 2

Q3: Bitumen Feedstock

- How should we interpret bitumen feedstock (or feedstock energy in general)?
- Bitumen as a fuel
 - Do we consider the increased marginal emissions (CO₂, heavy metals, etc.)?
 - If so, how?
- Is the alternative life of upgrading important? If so, how should be included?

Group 6

Bitumen as a Feedstock Energy

- Feedstock energy is fundamentally different from embodied energy
- It should be reported in order to be ISO compliant
 - Recommend that it is reported separately
 - Since the relevance is not clear, consideration should be left up to the user.
- Emissions from potential use as a fuel should not be considered
- For future research, net upgrading impacts could be calculated for possible inclusion in LCA in addition to reporting the feedstock energy in its entirety.