

# LCA in CCUS Workshop

Jasmin Kemper

IEA Greenhouse Gas R&D Programme

12 – 13 November 2015

BMA House, London

# Questions for sessions



- Goal and scope definition
  - What is the minimum information that the scoping should provide?
  - What are the requirements for screening methods vs full LCA?
  - What guidelines are needed to set up system boundaries and increase comparability among studies?
  - What about multifunctionality, allocation rules and harmonisation approaches?

# Questions for sessions



- Inventory analysis
  - How to properly scale up lab and pilot plant data?
  - What about the inclusions of sustainability issues, such as ILUC for bio-CCS?
  - How to deal with and communicate uncertainties?

# Questions for sessions



- Impact assessment and interpretation
  - How to increase transparency in weighting? Do we need guidelines here?
  - Is it possible to agree on aggregation or end-point methods?
  - Is there a need for connecting to other regulatory requirements (e.g. Toxicity to REACH)?
  - How to communicate uncertainties in results?

# Questions for sessions



- LCC and social LCA
  - How to select indicators?
  - To what extent do environmental and social indicators overlap?
  - How to deal with the fact that social LCA is less developed than LCC and environmental LCA?
  - How to integrate environmental and social LCA results?
  - How to avoid value judgements in social LCA?