

LCA Global Guidance: Steel industry expectations
Clare Broadbent



worldsteel

- The World Steel Association acts as the focal point for the steel industry.
- worldsteel provides global leadership on all major strategic issues affecting the industry, particularly focusing on economic, environmental and social sustainability.
- worldsteel promotes steel and the steel industry to customers, the industry, media, financial markets and the general public.
- worldsteel assists its members to develop the market for steel, managing major projects in a range of industry sectors.

Current Situation

- We started collecting LCA data 20 years ago
- It is important to have a single approach for our industry
- worldsteel LCA methodology
 - Well established
 - Internationally agreed upon and used by our members
- Therefore we want to build on what we have already done

Industry

- We believe that databases of industry-collected data is the best available data
- However, it is an extensive process to collect and model data
 - Many different companies and sites participating
 - Many regions
 - Different methodological viewpoints
- We want any guidance that is developed to be workable
 - Not make unnecessary demands of industry (data collectors)
 - Ensure guidance is practical
 - Industrial processes are complex and often integrated and therefore preferable to provide data on an aggregated basis while keeping a degree of transparency
- At the same time, the requirements of the users of the data should be considered

Data Credibility

- LCA data will be seen to be more credible:
 - Depending on the source of the data
 - Sector agreement
 - Metals
 - Packaging
 - Automotive
 - ...
-
- Many sectors included
 - Many regions included
 - Many materials included
- Many stakeholders to consider Global guidance documents!

In summary:

- Harmonisation of existing documents
 - Globally accepted – this could help get more of our members involved
 - Industry accepted (we are the ones getting data)
- However, achieving agreement, even amongst one material, is difficult
- Should aim to have:
 - Harmonised methodology
 - Avoid different system boundaries, by-product methods etc
 - Simple way to use data from different industries
 - Should allow some degree of flexibility: not feasible to have one method

worldsteel
ASSOCIATION

Clare Broadbent
broadbent@worldsteel.org
worldsteel.org