



How to assess the social value of steel?

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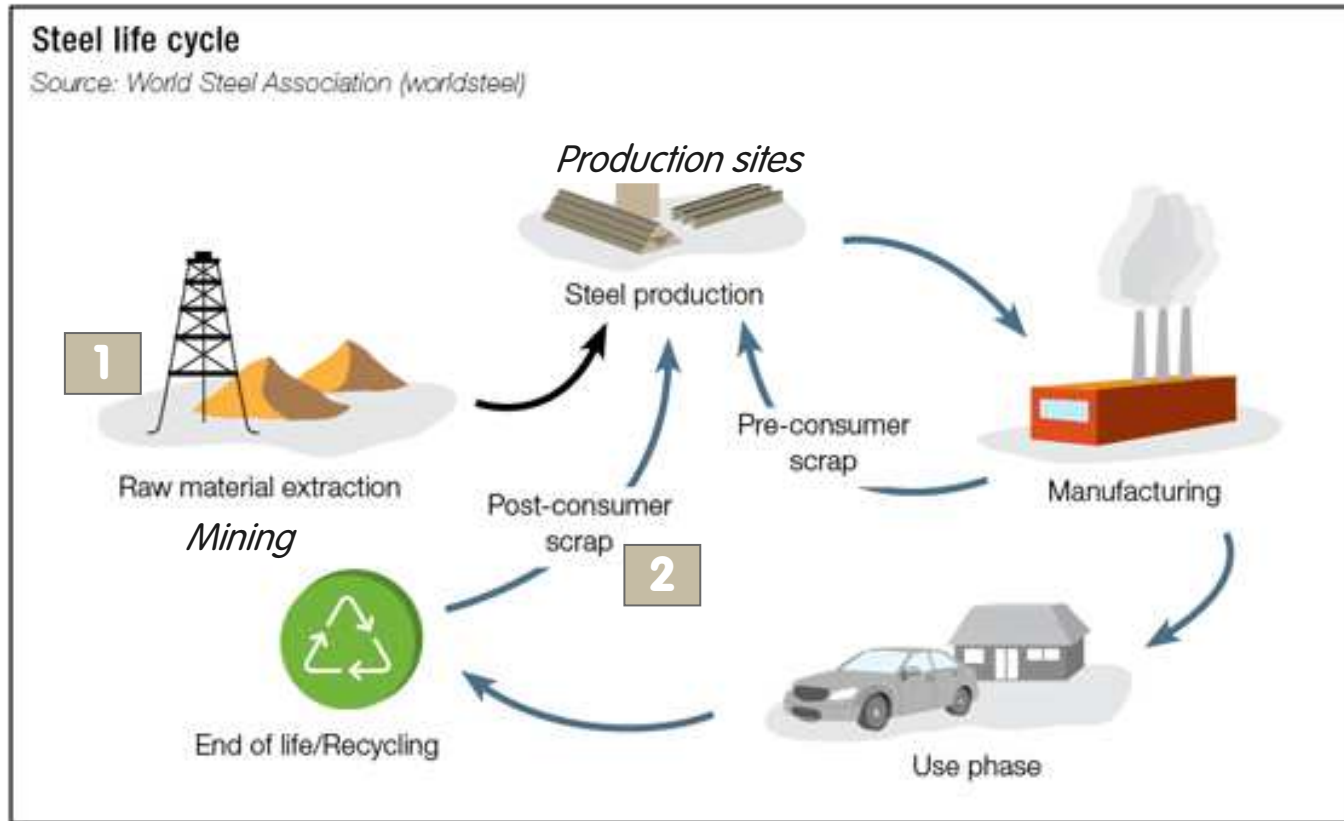
- Steel life cycle
- Context
- First steps of the approach

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Steel life cycle



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2 routes... 1 product → steel
Different technologies & value chains = different impacts

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A multistakeholder project within AM

Who is currently involved?



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GROUP LEVEL R&D Sustainability team

- Expertise in *environmental/LCA* → perceived as negative impacts
- SOVAMAT initiative including the *social* pillar of SD → could be positive impacts
- Facing an increase of customers' requests on social and sustain. supply chains issues

GROUP LEVEL Corporate Responsibility team

- Facing an increase of investors' requests (SRI indexes) & other stakeholders
- Facing the rise of new public regulations & standards (extra financial reporting, ISO, OECD, UN, EU, WB...)
- Being proactive in trade & businesses organisations (WBCSD, Worldsteel, WEF...)

- *The research project will provide a broader picture of AM activities' impacts.*
- *The project is in line with the Corporate Responsibility objectives, policy and ambitions.*



An multistakeholder project within AM

Who will be involved?



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COUNTRY LEVEL
Management agreement

COUNTRY LEVEL
Resource people

- Human resources
- Purchasing
- Communication
- Technical teams

LOCAL LEVEL
(production site)
Management agreement

LOCAL LEVEL
(production site)
Resource people

- Human resources
- Purchasing
- Communication
- Technical team (project manager...)
- (R&D)



Under current discussion
A long process for raising awareness & convincing

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Opportunities identified by the group level

- Address global social stakes and show that steelmaking is part of the solution
- Anticipate the development of new public regulations, tools, indexes and standards (e.g: NF EN 16309 standard on the social performance of buildings)
- Improve decision making process;
- Maintain a social licence to operate;
- Choose between new business models;



A need for developing an operational tool/methodology for measuring the contribution of steel to the society.

- What is the **global social value** of a steel product?
 - Link to be established with the concepts of 'wellbeing' & 'development'?
 - *1st conclusion: Limits of the 'theory of value' in economics, does not provide a clear answer*
 - Same as 'social footprint'? 'social quality'?
 - Who is finally the most entitled to define the concept?



'Focus groups' to be interviewed based on a participatory approach.

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A two-step approach

- Step 1: testing methodological difficulties with a simplified approach of SLCA:
 - On the upstream segment of the value chain
 - For a single social indicator: income of employees and gender gaps
 - Ongoing reflection on the type of SLCA to be tested
- Step 2: implement a dedicated methodology for the whole life-cycle of a steel end product
 - Identification of relevant indicators, based on:
 - literature surveys
 - ongoing research & experience in SLCA
 - focus groups interviews
 - Database construction
 - Developing a method to aggregate the results

Conclusion



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- A need for AM to get a picture of the social impacts of their activities along the steel life cycle
- Convince is a long process!
- A 2-step « on the field » approach
- More to come next year!

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*Thank you for your attention.
Any questions?*

And see you next year!

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