



Online Workshop/Webinar on Role of Standards & Policy in Resource Efficiency and Circular Economy Transition in India and the EU

January 21, 2022, at 14:00 – 17:00 Hrs. (IST) / 09:30 – 12:30 Hrs. (CET)

Circular economy for coherent value and trust

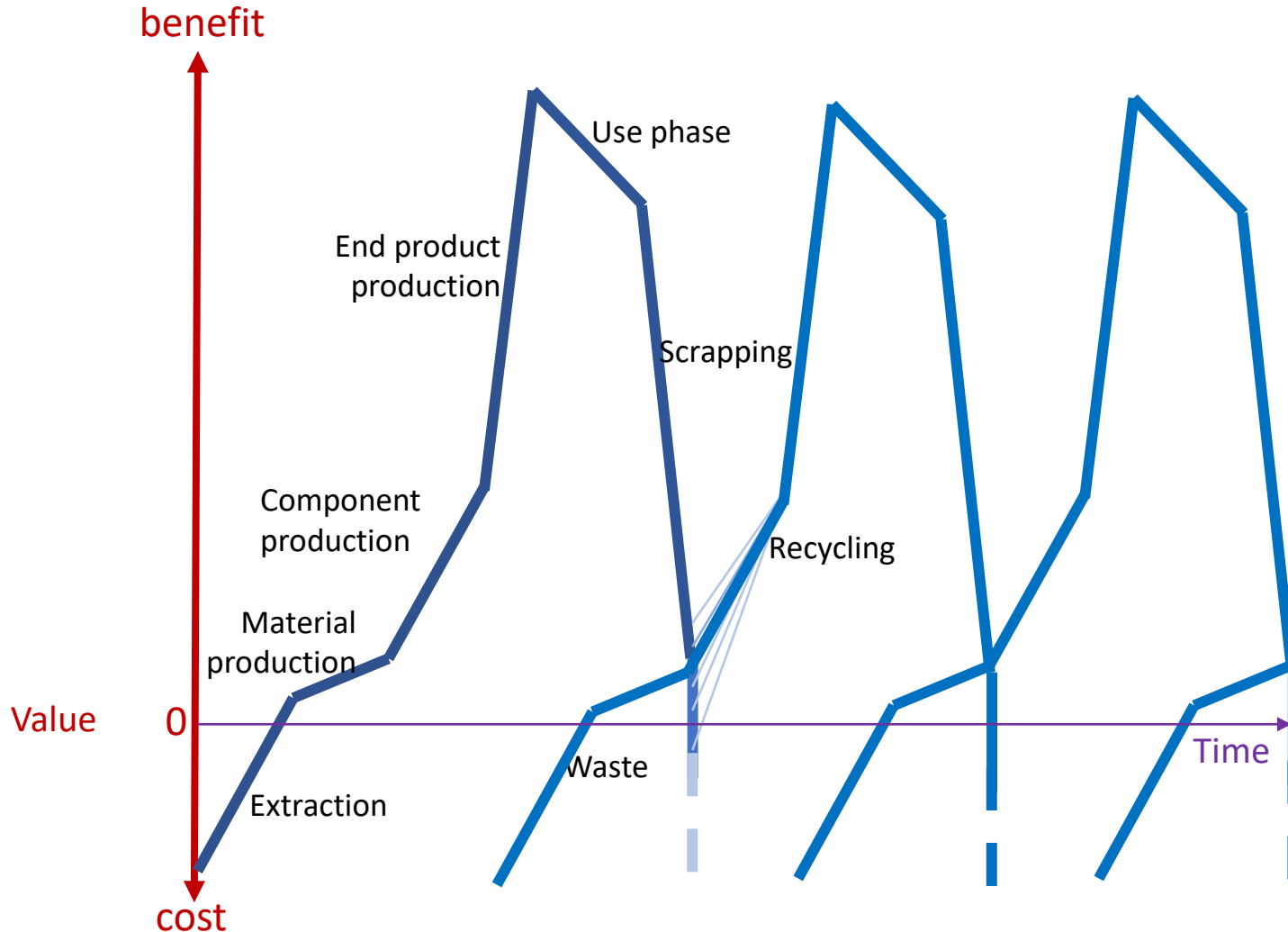
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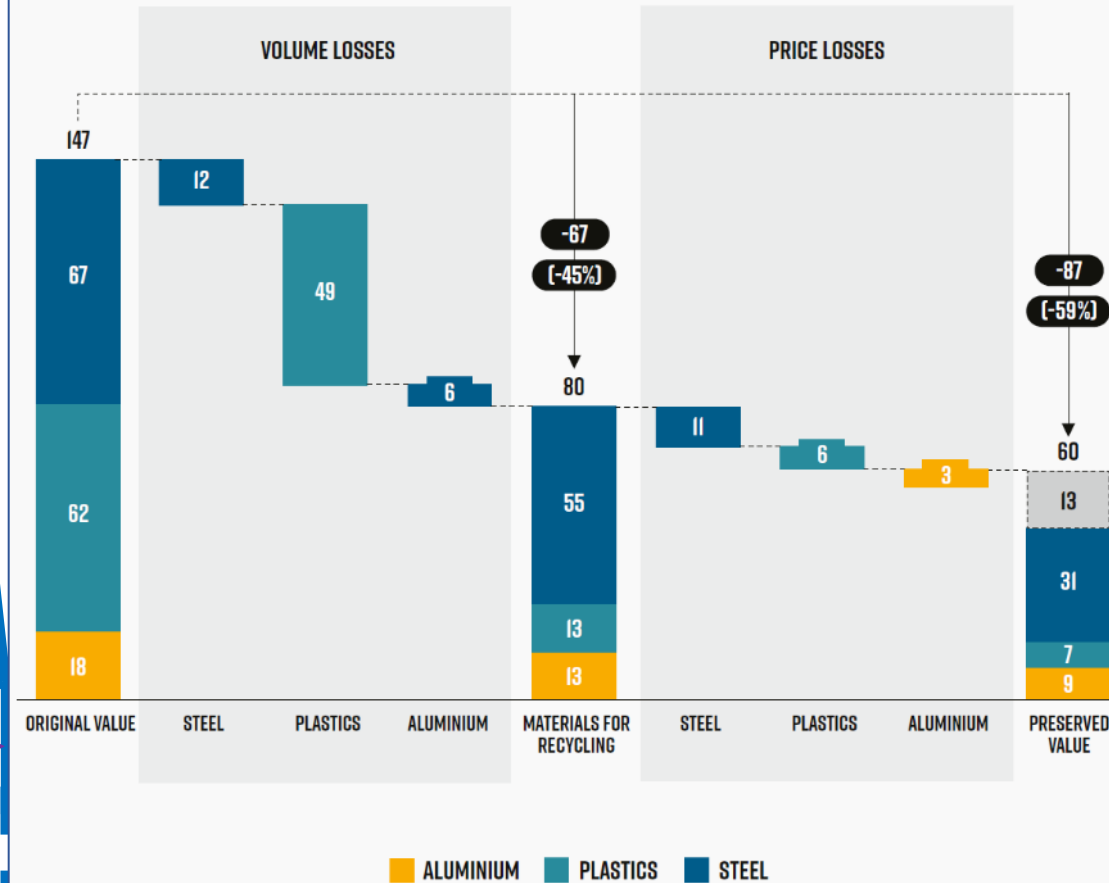


Resource value destruction



EACH YEAR, €87 BILLION OF MATERIALS VALUE IS LOST IN THE USE OF STEEL, PLASTICS, AND ALUMINIUM

VALUE LOSSES IN THE MATERIALS SYSTEM
€ BILLION, 2016



Material Economics (2020). Preserving value in EU industrial materials - A value perspective on the use of steel, plastics, and aluminium, financed by Climate-KIC and Re:Source

<https://resource-sip.se/content/uploads/2020/11/material-economics-preserving-value-in-eu-industrial-materials-2020.pdf>

Taking on resource values through standardizing circular economy ISO/TC 323

circular economy

economic system (3.1.2) that uses a systemic approach to maintain a circular flow of resources (3.1.6), by regenerating, retaining or adding to their value (3.1.7), **while contributing to sustainable development** (3.1.8)

Note 1 to entry: Resources (3.1.5) can be considered concerning both stocks and flows.

ISO59004 –WD2 (December 22nd, 2021): Circular Economy– Terminology, Principles and Framework for Implementation

Value

gain(s) from satisfying needs and expectations, in relation to the use of resources (3.1.5) Revenues, savings, productivity, sustainability, satisfaction, empowerment, engagement, experience, trust.

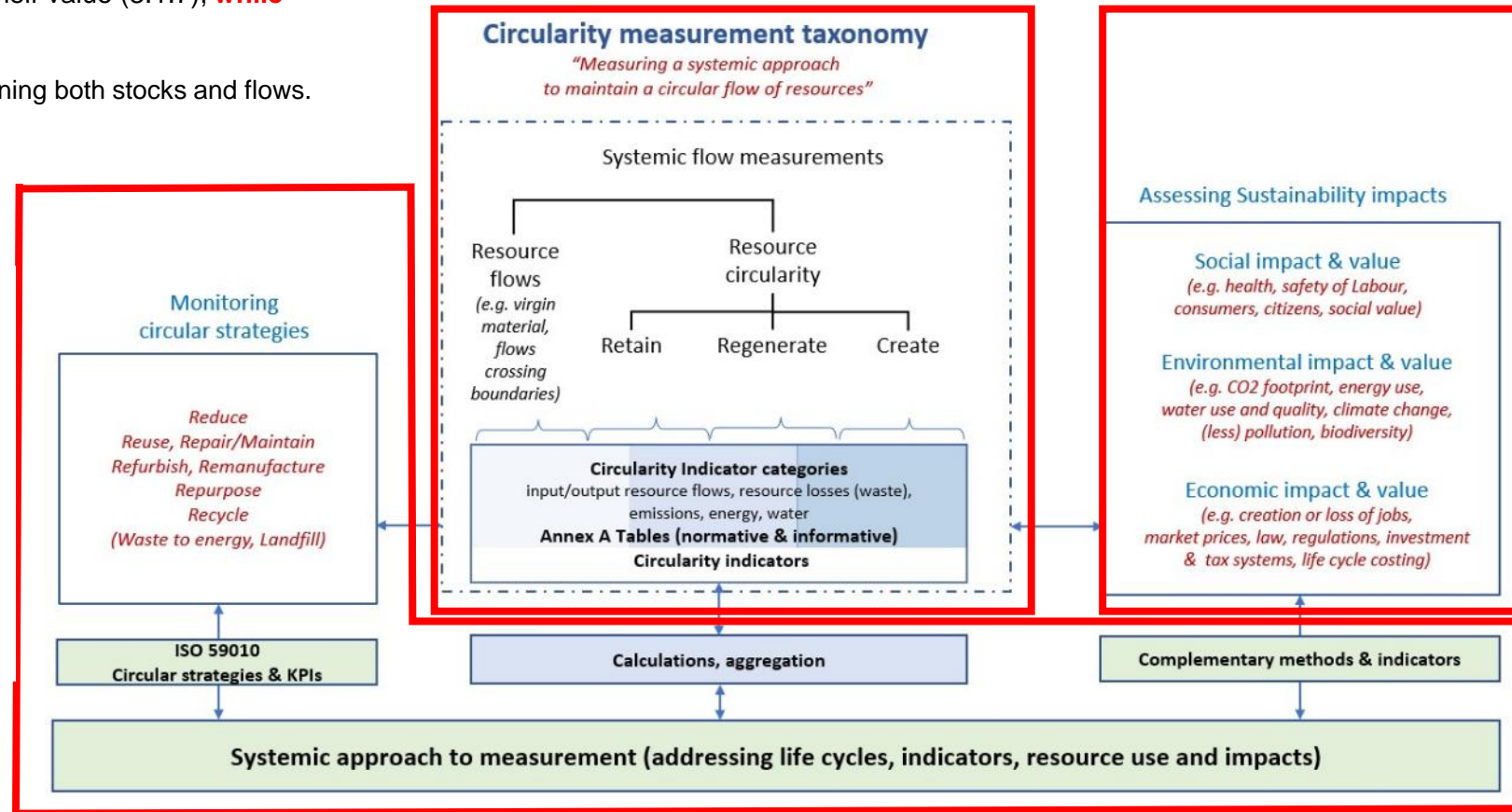
Note 1 to entry: The gain can relate to the specific function and performance of a product(3.2.2).

Note 2 to entry: Value is relative to, and determined by the perception of, the interested party(ies) (3.6.2).

Note 3 to entry: Value can be financial or non-financial e.g., social value.

Note 4 to entry: Value is dynamic over time.

Standardization is needed to define resource value coherently, in many different ways.



ISO 59020 CD Draft version - 15 January 2022 Circular Economy — Measuring and assessing circularity
During CD development stage in ISO TC 323/WG



Coherent product lifetime understanding



Producer

Standard



Verification

Lifetime criteria

Trust



Customer

Standardization is needed to establish trust for the many new ways that products will be given long and many lives.

Conclusion

- Circular economy addresses resource value
- We need standardization for circular economy
 - To coherently describe aspects of resource value
 - To support trust for product lifetime(s) innovation
- Cooperation needed
 - Different coherent resource value aspects over circular life cycles
 - Product life time(s) to allow and drive innovation and market trust

Thank you!

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