

Description of successful networks and key success factors Value Chains: First outcomes of interviews for SSbD gap analysis and development of value chain-specific roadmaps in co-creation

Goals: Mapping Safe and Sustainable-by-Design (SSbD) challenges, gaps and needs, translating these to solutions; and drafting value chain-specific SSbD roadmaps through a life cycle thinking approach.

Approach: Each of the following value chains were interviewed independently in two occasions:

- Packaging (represented by [IPC](#))
- Textiles (represented by [Textile ETP](#))
- Construction (represented by [EFCC](#))
- Automotive (represented by [CLEPA](#))
- Energy (represented by [EMIRI](#))
- Electronics (represented by [INL](#))
- Fragrances (represented by [IFRA](#))

In the first set of interviews, the challenges, gaps and needs were identified for applying Safe-and-Sustainable-by-Design (SSbD). In the second set of interviews, these challenges, gaps and needs were translated to solutions in a life cycle thinking approach to develop the first draft of value chain specific SSbD roadmaps taking into account: i) SSbD Raw Materials, ii) SSbD Chemical/ Material Design and production, iii) SSbD Article Manufacturing, iv) SSbD Distribution/ Transport, v) SSbD use, and vi) SSbD End-of-life.

Outcome: Key findings of the gap analysis included the need for SSbD training across the value chain and the need to align SSbD guidelines, tools and processes as closely as possible with mandatory regulatory requirements to encourage SME voluntary adoption.

Major outcomes of the value chain-specific roadmaps development included the co-creation of possible solutions to each of the challenges in a life cycle thinking approach.

Impact: The impact of this work is so high that the results have been shared with the Joint Research Centre (JRC) of the European Commission.

Stay tuned for the publication of upcoming deliverables.

Disclaimer

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