Output Factsheet

Output title: O1.2 DECIDE Toolbox with Validated Tools and Methods

Summary of the output (max. 2500 characters)

The DECIDE Toolbox with Validated Tools and Methods was jointly developed, integrated and validated during project implementation, thus reaching the target value of one jointly developed solution.

The DECIDE Toolbox provides an integrated methodological and tool-based framework for the identification, analysis, development, validation and implementation planning of Circular Economy Business Models. It brings together the tools, methods and digital components developed within DECIDE, including the CEBM Catalogue and Value Chain Generator, BMC, e3Value, BPMN and System Dynamics modelling, the Digital Service Implementation Recommender, Data Platform, Monitoring Dashboard and Training and E-Learning Materials.

The Toolbox and its components (A1.2, A1.3, A2.2) were tested and validated through the five DECIDE pilot actions covering Food, Batteries, Textiles, Packaging and Smart Cities (O1.1), as well as through additional validation activities, including Train-the-Trainer workshops, World Café discussions and DSIR capability workshops (A.1.2, A1.4, A2.1, A2.3). The pilot activities demonstrated the applicability of the Toolbox across different sectors and regional contexts.

The completed solution corresponds to the Output 1.2 description in the Application Form and fulfils the programme requirements for RCO116 “Jointly developed solutions”. It is linked to RCR104 “Solutions taken up or up-scaled by organisations”.

The achievement of Output 1.2 is documented through D1.3.1 Synthesized DECIDE Toolbox, the Output Factsheet (Annex C2), the Output Quality Report (Annex C1) and the Output 1.1 Documentation.

Contribution to the programme and project objectives, output and result indicator, as well as to the targets set for the Priority Area concerned (max. 2000 characters)

The DECIDE Toolbox directly contributes to the project objective of supporting SMEs, regional developers and other relevant stakeholders in the transition towards a circular economy by providing an integrated set of validated methods, tools and digital services

for the development and assessment of Circular Economy Business Models (CEBMs).

Output 1.2 comprises the jointly developed DECIDE Toolbox with Validated Tools and Methods and its testing and validation during project implementation. By integrating methods for business model development, value-network and process modelling, simulation, capability assessment, data integration and monitoring, the Toolbox addresses the project challenge of supporting the development and validation of viable circular business models across different sectors and regional contexts. The development and validation of the solution were closely linked to the five pilot actions implemented under Output 1.1, covering Food, Batteries, Textiles, Packaging and Smart Cities. Through these pilot actions, the Toolbox and its components were tested and validated in practical sectoral and regional contexts. Additional validation activities complemented this process.

The completed solution corresponds to the Output 1.2 description in the Application Form and fulfils the programme requirements for RCO116 “Jointly developed solutions”. It is linked to RCR104 “Solutions taken up or up-scaled by organisations”.

The output directly contributes to Programme Priority Specific Objective 1.1 “Enhancing innovation and technology transfer in Danube Region” by providing and validating innovative tools and methods for the development, analysis and implementation of Circular Economy Business Models and supporting their transfer and application across sectors and regions in the Danube Region.

How can the output be used and by whom (target group), what is the benefit and the impact for these target groups and the target area / Danube Region? (max. 1500 characters)

The DECIDE Toolbox can be used by SMEs, start-ups, municipal and regional economic developers, innovation and business support organisations, and other stakeholders involved in circular economy development. It supports them in identifying, developing, modelling, simulating and evaluating Circular Economy Business Models (CEBMs) and in planning their implementation.

By combining complementary methods, digital tools, data-based services and training materials, the Toolbox provides practical support throughout different stages of CEBM development. Users can analyse value creation and value networks, processes, economic, environmental and social impacts, as well as capabilities required for implementation.

The Toolbox and its components can be accessed through the DECIDE project website. Training and E-Learning Materials are additionally provided through the DECIDE Moodle platform, offering structured learning modules to support the practical application of the Toolbox.

For the target groups, the main benefit is improved access to validated methods

and tools for developing and assessing circular business opportunities and supporting their practical implementation. They benefit from the knowledge, experience and approaches brought together through the transnational cooperation of project partners, Associated Strategic Partners and stakeholders across the Danube Region. This facilitates knowledge and technology transfer across organisations, sectors and regions and supports the wider application of circular economy approaches.

How can the sustainability of the output be ensured and where and to whom is it going to be transferred? (max. 1500 characters)

Sustainability is ensured through openly accessible Toolbox components, the ADOxx-based modelling environment for continued use, the CEBM Catalogue, the Moodle course and the Digital Learning Content. Project partners continue to apply the Toolbox in further research, teaching and consulting activities beyond the project duration.

The signed Memorandum of Understanding (MoU) between all 16 DECIDE partners from 10 Danube Region countries provides a framework for continued cooperation beyond the project lifetime. It supports the further use, transfer and capitalisation of the DECIDE Toolbox and other project results through local and regional activities, training and knowledge transfer, stakeholder engagement, dissemination and integration into the partners' institutional activities and networks.

The partners also intend to build on DECIDE results in capitalisation activities, follow-up projects and other joint initiatives, including cooperation within relevant EUSDR and Danube Region networks.

Target groups can contact the DECIDE project partners for further information and support in accessing and applying the Toolbox and its components, for example via the DECIDE project website or the DECIDE Service Catalogue.