Output Quality Report

Output title: O1.2. DECIDE Toolbox with Validated Tools and Methods	
Type of output:	☐ Strategy/ Action Plan ☒ Solution ☐ Pilot action
Contribution to PO indicator:	RCO116 "Jointly developed solutions"; linked to RCR104 "Solutions taken up or up-scaled by organisations"

Summary of the output (max. 1500 characters)
DECIDE toolbox is an integrated methodological solution that is software-supported for the identification, development, validation, optimization and the planning of the implementation of the CE business models. The developed toolbox combines web-based tools, modelling methods, implementation support, learning and training resources in a modular workflow. Furthermore, the developed DEICDE toolbox consists of a CEBM catalogue, CE value chain generator, Business model canvas, e3Value, BPMN, system dynamics, digital service implementation recommender, data platform, monitoring dashboard and e-learning and training materials. By using the developed DECIDE toolbox, users are enabled to assess their business models from various points of view, such as strategic, operational, dynamic, economic, environmental and social. It also supports SME's, circular innovators, companies that have side streams or waste flow, regional catalysts for development such as business support organizations, cluster managers, and local and regional development agencies. With modular design and approach, it enables users to select and combine tools according to the maturity of their business model or idea, available data, and specific decision-making needs.
Added value (max. 1500 characters)

The developed DECIDE toolbox, provides integrated solutions to the different challenges that are usually and generally addressed through separate tools. It combines the circular opportunity identification in the early stage with the business model development, value network analysis, operational process modelling, dynamic impact solutions and capability-oriented planning. This set creates a cohesive and coherent structure from the initial CE idea to the evidence-based implementation of the relevant business case and model. The added value of the developed DEICDE toolbox is in the combination of the strategic, operational, economic, ecological and social perspectives while securing a hard connection between them. The developed CEBM catalogue with Value chain generator provides access to the cases, circular strategies and valorisation opportunities, all with a low threshold, while BMC, e3Value, BPMN and SD supports detailed analysis. Furthermore, DSIR translates modelling results to the required IT and business capabilities. Also, data platform and dashboard make results accessible through stakeholder-oriented visualisations and circular KPI's. Traceability and tamper evidence for model artefacts are supported by the integration of the blockchain.

Applicability and replicability (max. 1500 characters)

The developed DECIDE toolbox can be adopted and used in real scenarios by the SME's, startups, business support organizations, higher education institutions, local and regional development agencies, clusters, municipalities, and local and regional authorities. It can be used by other CE actors as well. Also, it can be used as an identification tool to identify new value chains creation possibilities for the waste streams and by-products, and furthermore, it can analyze and improve existing business models, to validate proposed circular solutions, to assess implementation feasibility and to prepare development plans. The applicability of the developed DECIDE toolbox was tested during the project through pilot cases in the Danube region that covered biomass, food, textile, packaging, batteries, recyclable and/or biodegradable materials, and socially oriented circular enterprises and their solutions. DECIDE toolbox supports transparent business model structuring, scenario testing, material flow assessments, bottleneck identification, value leakage, and stakeholder communication. Toolbox's modular method enables replicability across different geographical regions and sectors, because every single component can be selected and adapted in accordance with the local or regional resources, data, regulations, and business maturity. Training and learning materials are available as a Moodle course, and other digital learning materials with train-the-trainer documentation are developed to provide a sustainable and replicable approach to continue the transfer of the knowledge and experience after the project closure.

Suggestions for improvement, if applicable (max. 1500 characters)	
Output, as well as its activities and deliverables, are of high quality and excellence, but there is always a need for further improvements, and in this case, the DSIR catalogue could be extended to cover sectoral specifics and case combinations. Navigation could be upgraded to improve user experience as well as the user interface. Continuous expansion and upgrades could be used to adapt the toolbox to the users with different levels of modelling experience.	
Output Quality Level	☐ Low ☐ Average ☐ Good ☒ Excellent

Name of the Quality Manager

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16.07.2026.

Signature of the Quality Manager

