

OUTPUT FACTSHEET

Project index number	CE0100390	Acronym	ReBuilt			
Output type ("x" to be included)	Strategy/ action plan		Pilot action		Solutions	x
Output number (O.xx)	3.3	Output title	Holistic solutions as sewrvce offered Circular and Digital Construction Hubs			
If the output target is > 1 in the AF, please specify the output(s) described in the factsheet	1					
Output delivery date	31.5.2026					
Project website	https://www.interreg-central.eu/projects/rebuilt/					
Summary description of the output <i>Please present the output by addressing the following topics.</i>						
<i>Territorial challenges and needs in the regions specifically addressed by the output</i> <i>(max. 700 characters)</i>						
The output presents a long-term feasibility study and operational plan for establishing a Regional Circular and Digital Construction Hubs Network across Central Europe. It examines territorial challenges related to resource inefficiency, construction waste, limited adoption of the circular economy, and unequal access to digital innovation capacities. The network links regional and national hubs through a transnational cooperation model, supported by a digital platform that enables knowledge exchange, capacity building, innovation uptake, and access to shared tools and expertise. It strengthens regional resilience and supports the transition towards a sustainable, circular, and digitally transformed construction sector.						
<i>Main aim(s) of the output and how it contributes to tackle the identified challenge(s)</i> <i>(max. 500 characters)</i>						

The main aim of the output was to establish a holistic circular and digital construction solution-as-a-service (SaaS), implemented through a network of regional and national hubs in nine Central European countries. The ecosystem combined a central digital platform with interconnected hubs, providing shared services, digital tools, training, knowledge exchange, and support for circular business models. It helped address fragmented innovation capacities, skills gaps, limited access to knowledge and digital solutions, and barriers to circular construction adoption, enabling stakeholders across Central Europe to accelerate the green and digital transformation of the construction sector.

Technical description of the output (e.g. scope, main features, innovative elements etc.)

(max. 1500 characters)

The output consists of a holistic Circular and Digital Construction Solution-as-a-Service (SaaS) implemented through the ReBuilt Circular and Digital Construction Hubs Network across nine Central European countries. The SaaS solution was developed around the Circular Construction Platform (<https://circularconstruction.zag.si/>), which acted as the digital backbone of the hub ecosystem, providing centralised access to tools, data, information, and services supporting circular and digital construction workflows. The modular, scalable platform integrates three main service areas: educational services, technical and digital services, and information services. Educational services, developed based on Output 1.2, provide e-learning modules, training materials, and capacity-building resources supporting skills development in circular economy principles, digitalisation, innovation, environmental impacts, and sustainable construction practices. Technical and digital services, developed based on Output 2.2, support access to digital solutions, circular workflows, Digital Product Passports, and tools enhancing material transparency, traceability, and resource efficiency. The platform also provides structured information resources, including legislation, policy frameworks, best practices, and guidance materials to support informed decision-making and the adoption of circular construction approaches. A digital marketplace for secondary raw materials enables exchange between stakeholders, supporting reuse, new circular business opportunities, and improved resource management. A key innovative element was the creation of an interconnected corridor of Circular and Digital Construction Hubs, represented through a digital map of ReBuilt partners and hub operators. The network connects construction companies, SMEs, material producers and recyclers, public authorities, research and education institutions, NGOs, and other stakeholders across Central Europe, enabling knowledge transfer and collaboration. The platform was developed following an open-source approach to enhance transparency, trust, interoperability, long-term sustainability, and cost-efficient operation of the hub network beyond the project lifetime.

Involvement of target groups during output development and/or implementation

(max. 700 characters)

Target groups involved industry (SMEs, architects, investors), public authorities, academia, and business support organisations (NGOs). These target groups will also participate in the future adoption and implementation of the jointly developed solution through training and education programmes, e-learning (MOOCs), and access to digital and technical tools. The solution will be deployed by hubs in nine Central European countries, providing SaaS-based educational, technical, digital, and information services to support stakeholders in applying circular and digital construction practices.

Cooperation dimension of the output, i.e. joint development within the partnership and, if applicable, joint implementation (see output indicator definitions in chapter I.3.3 and Annex 2 of the programme manual)

(max. 700 characters)

The output was jointly developed through transnational cooperation among ReBuilt project partners from nine Central European countries, combining expertise from research institutions, academia, innovation organisations, and construction sector stakeholders (companies). Partners collaboratively designed the Circular and Digital Construction Hub Network concept, the SaaS-based platform, service models, governance framework, and a five-year operational plan for regional circular and digital construction hubs as SaaS. The output was jointly implemented through the establishment of interconnected regional and national hubs, which will continue to support knowledge exchange, capacity building, digitalisation, and circular construction solutions and practices across Central Europe. This cooperation ensured the interoperability, transferability, and long-term sustainability of the developed solution.

Results - expected change and lasting effects in the territories generated specifically by the output, its uptake by relevant organisations and benefits for target groups

(max. 1000 characters)

The output established a long-term cooperation framework and a holistic Circular and Digital Construction Solution-as-a-Service (SaaS) ecosystem that strengthens the capacity of Central European regions to adopt circular economy principles and digital solutions in the construction sector. Through the implementation of the Circular Construction Platform and the network of regional and national hubs, organisations gained access to shared digital tools, educational resources, technical support, regulatory information, best practices, and knowledge exchange opportunities.

The output is expected to generate lasting effects by supporting the continued operation of the hub network, enabling innovation transfer, skills development, and collaboration among construction companies, SMEs, material producers, recyclers, public authorities, research and education institutions, and other stakeholders. The solution contributes to increased resource efficiency, better use of secondary materials, enhanced digitalisation of construction processes, and stronger regional innovation capacity. Its scalable SaaS model allows further uptake by additional organisations and regions beyond the ReBuilt partnership, supporting the wider green and digital transition of the construction sector in Central Europe.

Ownership and durability of the output after the project end, considering financial and institutional support including, if applicable, maintenance

(max. 700 characters)

After the project end, ownership of the Circular Construction Platform (<https://circularconstruction.zag.si/>) remains with ZAG (Slovenian National Building and Civil Engineering Institute), which ensures its continued maintenance, development, and integration within the Circular and Digital Construction Hubs Network. The long-term sustainability of the output is supported by a diversified financial model combining public funding sources, private funding mechanisms, and potential public-private partnerships with industry and SMEs. This balanced approach supports platform operation, further scalability, continuous improvement of services, and the long-term provision of digital, educational, and information services to stakeholders across Central Europe.

Transferability of the output to other territories, sectors or target groups and planned measures for supporting such transfer

(max. 700 characters)

The output was designed as a scalable and transferable Solution-as-a-Service (SaaS) model that can be adopted by other territories, sectors, and stakeholder groups beyond the ReBuilt partnership. The modular Circular Construction Platform, combined with the hub governance model and shared services, enables replication in additional regions and adaptation to different local contexts. Transfer will be supported through open access to digital services, knowledge resources, training materials, best practices, and the open-source approach of the platform. The network model can also be extended to additional stakeholders, including other industries where circular economy and digital transformation approaches are relevant, supporting wider uptake of sustainable innovation across Europe.

Related final deliverable(s) (Number(s) and title(s) to be included)	D.3.3.3 Long -term feasibility study for operation of Regional Circular and Digital Construction Hubs as SaaS
Output web link (if applicable)	https://circularconstruction.zag.si/
GPS coordinates (if applicable)	