

OUTPUT FACTSHEET

Project index number	CE0100390	Acronym	ReBuilt		
Output type (<i>"x" to be included</i>)	Strategy/ action plan		pilot actions	x	Strategy
Output number (O.xx)	3.2	Output title	Pilot testing of Regional 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	31.3.2026				
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>					
Countries and regions in Central Europe face shared challenges in transforming the construction sector towards circularity and digitalisation. Limited cooperation among stakeholders, weak development and innovation support, and insufficient uptake of circular solutions, secondary raw materials (SRM)-based products, and digital tools hinder progress in circular and digital construction. SMEs and regional actors often lack access to information, knowledge, technologies, and testing environments. The Circular and Digital Construction Hubs established by the ReBuilt project address these needs by creating interconnected innovation ecosystems. A network of central and regional circular and digital hubs serves as a single point of contact in each country to inform, connect, strengthen knowledge exchange, support capacity building, and accelerate the adoption of technical and digital activities and sustainable construction practices across territories in Central Europe.					
<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 output 3.2 is to establish and validate a transnational network of Central and Regional Circular and Digital Construction Hubs that strengthens innovation capacity across Central Europe. The network addresses fragmented cooperation, limited knowledge transfer, and uneven adoption of circular and digital construction practices by connecting research organisations, public authorities, and industry (SMEs, architects, investors). Through coordinated governance under LP1-ZAG, knowledge exchange, digitalisation, pilot testing, and capacity building, the hubs accelerate the uptake of innovative solutions and foster long-term cross-border collaboration in the construction sector to implement circularity and digitalisation. To ensure the excellence and sustainable collaboration and networking between central and regional hubs, we created an internal web platform <http://circularconstruction.zag.si> with a link to the official website of the Interreg Central Europe ReBuilt project: <https://www.interreg-central.eu/projects/rebuilt/>. The internal web platform comprises: HUBs, MOOC (Massive Open Online Courses), and digital tools (digital product passport, CinderOSS platform for the marketplace of SRM and SRM-based products). The eight Regional/National Circular and Digital Construction Hubs form the backbone of the transnational network operated by the Central Hub in Slovenia. Each regional hub is embedded within its national or regional innovation ecosystem and focuses on driving context-specific transformation in the construction sector towards circularity and digitalization.

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

(max. 1500 characters)

The Central and Regional Circular and Digital Construction Hubs form a permanent transnational innovation ecosystem that accelerates the transition towards a circular, digital and resource-efficient construction sector in Central Europe. Coordinated by the Central Hub at ZAG (Slovenia) and supported by Regional Hubs in Croatia, Austria, Germany, Hungary, Italy, Poland, Slovakia and Czechia, the network connects research organisations, public authorities, businesses, technology providers and other stakeholders to facilitate knowledge transfer, cross-border cooperation and market uptake of innovative circular solutions.

The hubs provide a coordinated framework for developing, testing, demonstrating and replicating circular construction practices, digital tools and governance models. Their core functions include stakeholder engagement, capacity building, policy support, promotion of circular business models and deployment of digital solutions, such as Digital Product Passports, BIM-based information management and interoperable data-sharing platforms that improve material traceability and lifecycle transparency (platform:<https://circularconstruction.zag.si/>).

The innovative value of the output lies in integrating regional thematic expertise into a single transnational network with harmonised methodologies, shared digital infrastructure and coordinated governance. By combining technological innovation with policy, market and educational measures, the hubs create lasting capacities for circular value chains, increased use of secondary construction materials and evidence-based decision-making (for example, green public procurement). Designed as a sustainable support structure beyond the project lifetime, the network strengthens regional innovation ecosystems and contributes to the implementation of European circular economy and digital transition objectives in the construction sector.

Involvement of target groups during output development and/or implementation

(max. 700 characters)

Target groups involved: all project ReBuilt partners, involving and implementing the strategy of hub operation with participants of different stakeholders, such as local organisations, regional and national stakeholders: public authorities, representatives of academia, industry (SMEs, architects, investors), and the wider public (NGO). Other stakeholders were involved to become members of hub in individual countries.

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 ReBuilt partnership jointly developed the Central and Regional Circular and Digital Construction Hubs in Slovenia, Croatia, Austria, Germany, Hungary, Italy, Poland, Slovakia and Czechia. Partners co-designed the governance model, operational framework, methodologies and service portfolio, while the Central Hub at ZAG coordinates implementation and knowledge exchange. The hubs are delivered through coordinated stakeholder engagement, transnational workshops, e-learning (MOOC), testing of digital and circular solutions, and joint dissemination, ensuring lasting cooperation, knowledge sharing, and the transfer and replication of technical and digital solutions across Central Europe.

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 Central and Regional Circular and Digital Construction Hubs established by the ReBuilt project have created an effective transnational support structure for advancing circular and digital transformation in the construction sector. The output was developed, tested and validated through pilot implementation in the participating territories, ensuring that the hub model, services and cooperation mechanisms respond to the needs of regional stakeholders. The hubs are used by public authorities, research institutions, companies, SMEs, industry stakeholders and innovation actors as platforms for cooperation, knowledge exchange, capacity building and access to circular and digital construction solutions. Pilot testing demonstrated the practical value of the hubs in supporting circular approaches, promoting secondary construction materials, strengthening digital practices and improving collaboration across the construction value chain. The Central Hub at ZAG and the Regional Hubs in Slovenia, Croatia, Austria, Germany, Hungary, Italy, Poland, Slovakia and Czechia continue to support knowledge transfer, replication of good practices and future cooperation. The output has generated lasting benefits by strengthening regional innovation ecosystems and supporting the long-term transition towards a circular and digital construction sector.

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

(max. 700 characters)

The durability of the Central and Regional Circular and Digital Construction Hubs is ensured by their integration into the existing structures and activities of the ReBuilt partners. The Central Hub at ZAG owns and maintains the Circular Construction ZAG platform, ensuring its continued operation, the updating of knowledge resources and the dissemination of circular and digital construction solutions. Together with the Regional Hubs in Slovenia, Croatia, Austria, Germany, Hungary, Italy, Poland, Slovakia and Czechia, ZAG continues stakeholder cooperation, knowledge exchange and the promotion of good practices in circular and digital construction. Sustainability is supported through partners' institutional capacities, their own resources, future cooperation and integration into ongoing initiatives beyond the project's lifetime.

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

(max. 700 characters)

The Central and Regional Circular and Digital Construction Hubs represent a transferable model that can be replicated in other territories, regions and stakeholder networks facing similar challenges in the circular economy and digital transformation. The hub concept, governance approach, cooperation mechanisms and developed resources provide a flexible framework that is adaptable to different regional contexts. Transfer is supported through the Circular Construction ZAG platform, which enables access to knowledge, tools and good practices, as well as through networking activities, workshops and cooperation with relevant organisations. The modular structure of the hubs facilitates their uptake by other regions, sectors and target groups, supporting wider implementation of circular and digital construction solutions beyond the ReBuilt partnership.

Related final deliverable(s) (Number(s) and title(s) to be included)	D.3.3.2 Report on pilot testing of Regional Circular and Digital construction hubs
Output web link (if applicable)	https://circularconstruction.zag.si/ https://www.interreg-central.eu/projects/rebuilt/
GPS coordinates (if applicable)	-