

# D2.7 – FIRST INTERMEDIATE NETWORKING ACTIVITIES REPORT

WP2 – CONNECT: ENGAGE WITH ALL  
STAKEHOLDERS



## Document Information

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## List of abbreviations

CAP – Cap Digital

CCRI – Circular Cities and Regions Initiatives

CSTB – Centre Scientifique et Technique du Bâtiment

CUVT – Czech Technical University in Prague

EAB – External Advisory Board

EC – European Commission

GA – Grant Agreement

LUA – LUND HAGEM ARKITEKTER AS

MNORD – Stiftelsen Museum Nord

NCP – National Contact Point

NEB – New European Bauhaus

PEMD Product, Equipment, Material, and Waste

SrbGBC – Serbian Green Building Council

TU/e – Eindhoven University of Technology

UPC – Universitat Politècnica de Catalunya

WP – Work package

# 1 Executive summary

The CIRC-BOOST project aims to promote circular economy principles in the construction sector through collaboration, innovation, and knowledge sharing. This document provides a comprehensive report on activities organized or planned by the twenty seven (27) CIRC-BOOST partners, focusing on WP2 Connect and its alignment with T2.3: Implementation of Networking Activities. It serves as a tool for tracking progress toward achieving the project's key deliverable and objectives.

## 2 Introduction

The purpose of this document is to report on all activities organized or planned by the 27 CIRC-BOOST partners. This report will help CIRC-BOOST partners to track these activities and monitor progress toward achieving the specified expected results. In other words, this deliverable focuses on *WP2 Connect* and is linked to *T2.3: Implementation of Networking Activities*.

The CIRC-BOOST project's engagement strategy (see D2.1) is designed to maximize its impact through the exchange of ideas, collaboration, and dissemination of results. The key objectives include:

- **Engaging with Construction Networks and Clusters:** Connect with relevant local, regional, and European construction clusters, innovation networks, initiatives, and projects to facilitate the uptake of innovations and strengthen the secondary materials market.
- **Mapping Key Stakeholders:** Identify and map existing local, regional, national, and European construction clusters, innovation networks, initiatives, projects, and stakeholders relevant to CIRC-BOOST.
- **Learning from Other Initiatives:** Stay informed about advancements in the state-of-the-art, compare CIRC-BOOST's outcomes with similar projects, and ensure coherence to avoid overlaps and prevent "reinventing the wheel."
- **Collaborating for Impact:** Contribute to ongoing initiatives and partner with other projects to save time, pool resources, and maximize collective impact in advancing circular processes in the construction sector.
- **Liaising with Policymakers:** Engage with regional and European policymakers, including the European Commission, to discuss challenges in adopting circular construction solutions and provide actionable recommendations.

The Engagement Strategy Report (D2.1) outlined the methodology, assets available to CIRC-BOOST and detailed the CIRC-BOOST approach to stakeholder engagement. This report (D2.7 First intermediate networking activities report) aims to present a more action-oriented overview of the activities and the outcomes achieved through events, conferences, and similar initiatives.

First, the document will recap the expected results and outline how the CIRC-BOOST partners, collectively, can achieve those. The second section will present achievements to date and future directions, concluding with a summary of events where CIRC-BOOST partners have participated.

# 3 Expected Outcomes

## 3.1 List of expected results

In the Grant Agreement (GA), six expected results with quantifiable targets were defined for the CIRC-BOOST project, primarily related to WP2, with some overlap with WP8 defined as follows

In the Grant Agreement (GA), six main outcomes for the CIRC-BOOST project related to WP2 were defined as follows:

### 1. Establishing 50 Collaborations with Construction Networks and Initiatives

This encompasses:

*Cross-Sector Partnerships:* The establishment of partnerships with organizations, clusters, businesses, and sectors outside the immediate scope of the project, fostering innovation and cross-sector collaboration.

*Research Collaborations:* Partnerships with research institutions and think tanks to support data collection, analysis, and the dissemination of knowledge.

*Collaborations with Industry Associations:* Strengthening alliances with industry associations to further project objectives.

### 2. Three publications of Policy Briefs

A minimum of three policy briefs will be published over the course of the project, contributing to the dialogue on regulatory and policy matters.

### 3. Two Partnerships with Circular Cities Regions Initiative (CCRI)

Two partnerships will be established with cities and regions participating in the Circular Cities and Regions Initiative (CCRI).

### 4. Organization of two Independent New European Bauhaus Events

Two independent events will be organized in collaboration with the New European Bauhaus (NEB) initiative.

### 5. Five Collaborations with EC-funded Projects

Five collaborations will be undertaken with other projects and initiatives funded by the European Commission, fostering knowledge exchange and creating synergies.

### 6. Five Policy and Regulatory Workshops

At least five workshops will be organized, focusing on policy and regulatory topics relevant to the project.

These outcomes with measurable objectives are designed to encourage the CIRC-BOOST consortium to connect with similar initiatives, advancing in circular solutions within the construction sector and demonstrating the potential of local pilots as market game-changers in the coming years. A key consideration remains: What existing resources does CIRC-BOOST have to achieve these ambitious KPIs? In the following sections, WP2 will examine each KPI, exploring strategies to meet them by leveraging CIRC-BOOST's unique assets.

## 3.2 Network and Partnership Resources

Various assets were identified, including networks and potential partnerships that CIRC-BOOST partners can rely on or leverage. In the GA, CIRC-BOOST partners pinpointed 10 EU projects with potential for partnership, as follows:

ACCORD,	BEEYONDERS,
CHEK,	HumanTech,
DigiChecks,	RobetArme,
RECONMATIC,	BUILDCHAIN,
Reincarnate,	Demo-Blog,Open-DBL

Additionally, CIRC-BOOST partners are involved in other Horizon Europe projects. For example, UPC is a partner in the Drastic project, and SGBC, as part of the World Green Building Council network, benefits from involvement in numerous European projects. This network connection facilitates valuable synergies, enabling projects like Nebula and Drastic to leverage shared insights and collaborative opportunities. Communication & Dissemination leading partner (WP8), ABE additionally leverages their experience in engaging a network of sustainable construction organizations in the region and their pluri-project experience in leading communication and dissemination activities to further facilitate synergies and explore joint activities.

Demo-Blog, Open-DBL, Drastic, BUILDCHAIN, and Reconmatic were invited to present their projects at the event held in Belgrade, organized in collaboration with our sister projects (refer to section 3.5.1 Sister Projects). However, BUILDCHAIN and Reconmatic did not respond to the invitation. Demo-Blog and Open-DBL declined due to a busy work period for their partners at the time. Drastic, on the other hand, accepted the invitation and participated online in the event. All fifteen projects will be contacted through the projects to attend other events. In preparation for the upcoming events, CIRC-BOOST partners will explore ways to involve EU projects in activities designed by the partners. This may include presenting their respective projects, participating in round-table discussions, and other similar initiatives. (see 4.2 CIRC-BOOST Webinar)

Furthermore, our External Advisory Board (EAB) presents various opportunities for support. The EAB is composed of five experts (see table 1 below). EAB members were invited to the third General Assembly in Barcelona to gain a deeper understanding of the pilot and cross-pilot activities and to engage with CIRC-BOOST partners, offering their external perspectives. Dr. Irene Josa participated in-person in the General Assembly, where she introduced herself together with the potential activities and added value that she is expected to provide to the Project. The other EAB participated on-line, having a slot of time for their introduction and for expressing their interests into different parts of the project.

EEAB	Organization	Invited by	Organization
Gilles BETIS	ESTP Institut Research	Julia Morawski	CAP
Sabine Herrmann	Project manager at City of Hamburg	Zorana Petozevic	FCE
Irene Josa	UCL	Nikola Tomic	UPC
Justin Dirrenberger	TETMET	Yann Lefeuvre	SIT

**Figure 1 External Advisory Board**

Additionally, Gilles Betis has shown interest in learning more about our project and facilitating connections within the ESTP network. ESTP is a member of CAP and holds strong ties within the French construction

industry. WP4, represented by Zorana Petojevic, exchanged information with him regarding the development of the CE Map and shared insights on the ESTP Research Institute's current project. Moreover, Sabine Herrmann, Project Manager of RESIST (Interreg Baltic Sea Region) from the Free and Hanseatic City of Hamburg's Authority for Economics and Innovation, is part of the WP4 Advisory Board and has been engaged to promote WP4 results.

During the third year of the project, Dr. Irene Josa, expert on the inclusion and integration of women into the construction sector, will lead a seminar and host a round-table on this important topic.

Lastly, during WP2 meetings, it has been underlined that each CIRC-BOOST partner can bring its own network and ecosystem, which can be leveraged at key milestones throughout the project. For example, a partner with experts in the regulatory field within their network could involve these individuals or organizations to facilitate discussions during the webinar, supporting alignment of regulatory needs (see Section 4.2: CIRC-BOOST Offer).

Finally, these initiatives—including EU projects, sister projects, the EAB, and the CIRC-BOOST partners' network—have been identified and can be leveraged at any event organized by CIRC-BOOST partners to facilitate idea exchange and promote sustainable outcomes for the project.

### 3.3 Collaborations

The CIRC-BOOST project aims to establish 50 Collaborations with Construction Networks and Initiatives. Here, collaboration refers to the process of working together with one or more people, groups, or organizations to achieve a common goal or complete a shared task. It involves exchanging ideas, resources, and efforts, where all parties contribute their skills, knowledge, and perspectives to create something that none could achieve alone. Additionally, types of collaborations have been described above of this chapter (see 3.1 List of expected results). However, collaboration extends beyond events; it also encompasses publications. Each partner has been invited to complete a monitoring table in MyDisk, along with the provided template. This will help track and follow up on activities in which CIRC-BOOST partners have been involved. Additionally, this table facilitates the tracking and management of our ongoing activities with WP8. The data will consolidate the number of events, conferences, and other activities involving CIRC-BOOST in a single document. Collaboration outcomes will be detailed in Chapter 4.1: Achievements to Date.

### 3.4 Publication of Policy Briefs

Currently, CUVT, leader of the Task T2.4 *Cooperation with and recommendations to regional and European policymakers* is scheduled to deliver two policy briefs. In the meantime, discussions are underway with sister projects about the possibility of developing a joint document to maximize our collective impact. The expected result is the publication of three policy briefs. Additional options for creating policy briefs in collaboration with WP2 partners have been explored, such as:

- **Integrating recommendations** into an internal report for decision-makers within corporate partners of CIRC-BOOST. However, due to the inclusion of sensitive technical documents and intellectual property, this report is restricted and cannot be made publicly available as required by the GA.
- **Compiling pilot recommendations** from local workshops or webinars. These could be actionable insights applicable to each pilot and shared on our website. (see 4.2 CIRC-BOOST Webinars)
- **The sister-project group** could collaborate on shared, one-page policy briefs. This will need to be discussed with the sister projects.

## 3.5 Circular Cities and Regions Initiatives

CIRC-BOOST partners are engaged in the Circular Cities and Regions Initiative, collaborating with two European projects, RECONSTRUCT and Woodcircles. This initiative provides an opportunity for CIRC-BOOST partners to connect with potential stakeholders and benefit from shared insights.

### 3.5.1 Sister-projects

Since July 2023, CIRC-BOOST WP2 Connect has been leading the sister-project group for a 16-month period (July 2023 to September 2024). Monthly meetings have been established to coordinate on joint activities. Main achievements to date include:

- **Horizon Booster Services.** On behalf of sister-project group, CIRC-BOOST apply for these services. Results report shown the identification of shared objectives and key differentiators, as well as a SWOT analysis that highlighted the strengths, weaknesses, opportunities, and threats for partnerships within the sister projects (see annex for details).
- **Collaborative Activities:** As a result, the sister projects have planned initiatives such as joint communication efforts, including the Zero Waste campaign in March 2024, and organizing a collaborative event in Belgrade as part of World Green Building Week with the support of Horizon Booster Services.
- **Enhanced Communication Support:** Horizon Booster services also contributed additional resources, including a brochure, visuals for a joint roll-up, and a video to support collective outreach efforts (see annex for details). Additionally, Katarina Đokić successfully completed the HRB's *Communication & Dissemination for Project Groups* course and is currently awaiting the grading of her final assignment and the award of her certificate of completion.

The sister-project group will continue for the year 2025 to plan common activities. This will be discussed at end of 2024. Two other European projects, Biobuild and Inguma, will join the group in November 2024 and will explore the possibilities of joint activities.

### 3.5.2 Involvement of CIRC-BOOST partners in CCRI

Circ-Boost became a [CCRI-Project](#), some partners of Circ-Boost (coordinators, WP and Pilot leaders) are being very active in the different activities organized by CCRI. Among those, Circ-Boost partners actively participated (providing presentations) in the following activities:

- 2<sup>nd</sup> CCRI TWG C-BUILD virtual meeting, 8<sup>th</sup> June 2023
- Kick-off meeting of CCRI sister projects on construction, 3<sup>rd</sup> July 2023
- CCRI TWG C-BUILD Dedicated session on re-use platforms, 14<sup>th</sup> September 2023
- CCRI Project on-line workshop: unleashing potential of the CCRI Demonstration Project through Collaboration, 22<sup>nd</sup> September 2023
- 1<sup>st</sup> General Conference of the CCRI, 8<sup>th</sup> November 2023, in Brussels (registration)
- 2<sup>nd</sup> CCRI-CS Workshop, 9<sup>th</sup> November 2023, in Brussels
- 2<sup>nd</sup> CCRI Associated Partners online workshop on Involvement of the private sector in Circular Economy and Circular Systemic Solutions, on-line, 30<sup>th</sup> April 2024
- CCRI TWG C-BUILD: Dedicated session on qualifying reclaimed construction and demolition material, on-line, 15<sup>th</sup> May 2024
- 3<sup>rd</sup> CCRI Workshop, 13<sup>th</sup> November 2024, in Brussels

The coordinators of Circ-Boost also delivered to the CCRI officers several extensive templates informing on: (1) the project activities, deliverables, and CCS solutions to be developed and (2) detailed information of the project to be shared through the CCRI dedicated webpage.

The coordinator was required to provide information and to answer several questions that were published by CCRI in their [Newsletter](#) of September

### 3.6 New European Bauhaus Initiative

WP2 with the support of WP8 plans to organize two independent events aligned with the New European Bauhaus (NEB) initiative.

To establish connections with NEB and stay informed about regional agendas, the National Contact Points (NCPs) for Spain and France were contacted in 2023, though no feedback has been received to date.



Figure 2 Email addressed to the French NCP for NEB




ven. 21/07/2023 11:06

Julia MORAWSKI

New European Bauhaus - Horizon Europe cluster 6

À

 Vous avez transféré ce message le 21/07/2023 11:24.

As WP leader CONNECT which aims to establish partnerships for the project Circ-Boost, I am contacting you on behalf of the European consortium. My organisation, Cap Digital, the French Hub for Digital and Ecological transformation, is involved in the European Project, called [Circ-Boost](#), funded under the programme [Horizon Europe cluster 6](#).

This project aims to develop circular solutions in the construction sector by deploying five European pilots, which one of them is based in Spain in Barcelona led by the University Polytechnic of Catalonia along with other Spanish actors. In the framework of the Circ-boost project, we would like to explore the partnership opportunities with New European Bauhaus Initiative. In this context, I am asking for your expertise in this regard.

Would you have any information to share regarding the existing initiative in Spain with whom we could collaborate?

Any advice would be gratefully received

Best regards,

Julia Morawski

cordialement,  
Best regards,



Julia Morawski  
European Project Manager  
0 4 77 4 04 70 60 74



**Figure 3 Email addressed to the Spanish NCP for NEB**

In September 2024, Circ-Boost partners and the sister-project group discussed applying to host a satellite event during the New European Bauhaus Festival in April 2024. However, the sister projects determined it was premature to showcase outcomes. Meanwhile, we opted to prioritize Horizon Result Booster services to strengthen long-term partnerships. CIRC-BOOST will continue monitoring opportunities for future satellite events within the New European Bauhaus Festival.

Additionally, SGBC, a CIRC-BOOST partner, is involved in the NEBULA project, a European initiative under the Build4People project, which provides transdisciplinary support to innovators within the NEB framework. With SGBC's support, WP2 Connect can explore potential collaborations with the NEBULA project.

Lastly, a list of NEB Friends is available at [https://new-european-bauhaus.europa.eu/about/friends\\_en](https://new-european-bauhaus.europa.eu/about/friends_en) . WP2 Connect can explore these contacts to facilitate the organization of an independent event.

## 3.7 European funded projects and initiatives

The expected results include establishing five collaborations with other European Commission-funded projects and initiatives, fostering knowledge exchange and synergy creation. So far, twelve EU projects have been identified, with some already contacted to participate in the sister-project event in Belgrade (see Section 3.2: Network and Partnership Resources). As a result, [Drastic](#) participated remotely in the event.

CIRC-BOOST is working closely with sister projects [RECONSTRUCT](#) and [Woodcircles](#), and this collaboration will continue throughout the project (see Section 3.5.1: Sister Projects). Additionally, European projects [BioBuild](#) and [Inguma](#) will join the sister-project group in November. It is anticipated that new collaborations and synergies with BioBuild and Inguma may develop both within and outside the group.

[RECONMATIC](#) has reached out to CIRC-BOOST to collaborate on a social media campaign promoting EU projects with similar objectives. The aim is to foster engagement within RECONMATIC consortium and audience, creating opportunities to network with experts and explore other European projects aligned with their vision.

[RECREATE](#) through Eindhoven University of Technology (TU/e), engaged with UPC to exchange ideas on shared topics in construction and explore potential synergies between the two projects.

To date, three collaborations (Drastic, RECONSTRUCT and Woodcircles) have been established, with further opportunities expected to arise with other EU projects. The strategy involves keeping EU projects regularly informed about CIRC-BOOST events (see Section 4.2: CIRC-BOOST Webinars) to create synergies whenever possible. CIRC-BOOST partners are also engaged in other European programs, such as Interreg and LIFE, and are encouraged to share CIRC-BOOST topics within these frameworks, fostering connections whenever relevant.

# 4 Achievement to date and future direction

## 4.1 Completed activities

According to the monitoring table, under the « Activities Delivered » tab (see Annex), CIRC-BOOST partners have participated in 20 events since the beginning of the project in June 2023. These events include conferences, panel discussions, lectures, and webinars, where partners have either discussed CIRC-BOOST topics or promoted the project to potential stakeholders.

CIRC-BOOST partners have participated in events of various sizes, demonstrating the project's reach and adaptability. For instance, 5 events had fewer than 50 participants, 4 events attracted between 50 and 100 attendees, and 6 events saw between 100 and 300 participants. Larger-scale events, such as fairs, brought together 300 to 600 attendees.

One notable example is Design Shanghai, the largest design exhibition in Asia, which attracts over 10,000 local and international visitors, including politicians, industry leaders, workers, and consumers. At this prestigious event, LUA, a CIRC-BOOST partner, was invited to showcase how locally recycled materials can foster a sense of belonging to the site and surrounding nature. This was exemplified through CIRC-BOOST Pilot 4 (Norway), which demonstrated Norway's sustainability goals.

Another example highlights how CIRC-BOOST partners' involvement can open new opportunities and foster broader engagement. UGE, a university participating in CIRC-BOOST, leveraged its scientific event committee to feature the project prominently in a conference held on November 26<sup>th</sup>. The event in French brought together students, industry partners, and researchers to address challenges and opportunities in advancing circular economy practices and carbon-free construction. The French partners of Pilot 2 were also invited to participate in the event. Additionally, out of the 20 events organized, 12 involved the scientific community, while 13 engaged in the industry sector.

Although civil society and general public stakeholders (see D2.1 and D2.3) are not defined as a priority, CIRC-BOOST partners actively participated in activities aimed at promoting the CIRC-BOOST project and circularity in the construction industry to civil society. In total, 4 events involving CIRC-BOOST partners included civil society participation, and 5 events with General public. These events engaged a wide range of civil society actors, from individual citizens to organized groups. Civil society can be defined as organized and purpose-driven, representing specific interests or causes. In contrast, the general public is unorganized and represents society at large, often serving as the audience or beneficiary of civil society's activities.

In Belgrade, the Scientific Picnic (*Naučni Piknik*) attracted approximately 5,000 attendees. This scientific fair, aimed at primary and high school students and their parents, provided an opportunity for FCE to announce further developments of the circular pilot house under Pilot 3. Another example of engaging civil society is the Gaia Arctic Summit, an international conference addressing future solutions to climate change, with a particular focus on oceans and coastal communities in northern regions. This event brought together over 300 attendees, representing a mix of the scientific community, civil society, policymakers, and media. MNORD was part of the panel discussion.

One of the stakeholder priorities is policymakers, with 6 events specifically involving their participation. These include Design Shanghai, the Sister-Projects Forum at WGBW24, EcoFair in Belgrade, Norsk Betongdag 2024, the Gaia Arctic Summit, and the ECTP Conference in Brussels. The ECTP Conference stands out as a key event that brought together stakeholders across the entire construction value chain. Participants shared their experiences, while representatives of the European Commission provided insights into the latest policy developments related to the sector. They also highlighted how the European construction industry plays a pivotal role in driving green and digital transitions within the built environment. At this event, CSTB actively participated and hosted a booth.



Figure 4 SrBGBC at Eco Fair in Belgrade in October 2024, promoting the three sister-projects



Figure 5 CSTB at ECTP Conference in March 2024

## 4.2 CIRC-BOOST Webinars

The objective of these series of webinars is to share knowledge with stakeholders at the European level who face similar challenges as the CIRC-BOOST pilots. This approach will help CIRC-BOOST meet the expected results of organizing at least five workshops focused on policy and regulatory matters. Additionally, local workshops on these topics can be organized in languages other than English to better engage specific stakeholders who may feel more comfortable expressing themselves in their native tongue.

The series will focus on two main topics: Technical Constraints and Business Models. The outcomes of these webinars will be showcased on the CIRC-BOOST website.

In total, seven webinars will be organized between 2025 and 2027—one for each pilot and one dedicated to cross-pilot (WP4)-. The final webinar will concentrate on business models and will be organized in collaboration with WP6 Marketize.

Furthermore, from 2025 to 2026, there will be six webinars over two years, consisting of three webinars per year: one for each pilot and one cross-pilot webinar. The webinars will address various technical constraints, including:

- Regulatory challenges
- Industry-specific standards
- Data privacy laws
- Licensing and permit requirements
- Legal obligations

In 2027, the final webinar will focus on the business models of both pilot and cross-pilot initiatives, incorporating insights from T6.1 *CIRC-BOOST Value Chain Analysis* and findings from T6.4 *Circ-Boost integrated solutions business plans and market uptake strategy*.

Webinars are planned as follows:

Period	Pilot
February 2025	Pilot 3
April 2025	Pilot 4 or Pilot 5
October 2025	WP4
February 2026	Pilot 4 or Pilot 5
April 2026	Pilot 1
October 2026	Pilot 2
2027	WP6 Marketize

Each pilot will collaborate with WP2 to design the webinars, facilitating real-time discussions and feedback from participants. This includes defining the topics and identifying relevant experts to be involved in each webinar.

All identified EU projects will be invited to participate, along with personal contacts of CIRC-BOOST partners. These events will also be promoted within the CCRI community and with support from WP8 for outreach efforts.

Additionally, pilots will have the possibility to organize their workshop tailored to engage specific stakeholders. For instance, Pilot 2 is considering hosting a workshop centered on France's PEMD (Product, Equipment, Material, and Waste) regulation, which mandates building owners of properties over

1,000 m<sup>2</sup> undergoing renovation or demolition to identify materials for reuse or recycling. Introduced two years ago, the regulation requires compliance through a standardized template. CSTB and the Ministry of Ecological Transition developed the PEMD platform, enabling building owners to upload audits and enhance visibility of reusable materials and waste. This complements the French CIRC-BOOST pilot's digital platform, designed to connect supply and demand for secondary materials in the region. The workshop aims to engage stakeholders, including local authorities, in exploring a use case for linking the CIRC-BOOST and PEMD platforms. Feedback will help align stakeholders' needs and optimize the connection. Moreover, the workshop will highlight France's unique regulatory framework, offering insights for potential policy development across Europe to promote circularity in construction.

## 4.3 Future direction

The strategies and activities outlined in this report demonstrate CIRC-BOOST's broad approach to fostering collaboration, knowledge exchange, and stakeholder engagement within the construction sector. By leveraging its extensive network of partners, sister projects, and connections with key European initiatives, CIRC-BOOST is well-positioned to achieve its ambitious objectives.

Key highlights include:

- Establishing strategic partnerships with construction networks, and other EU-funded projects to strengthen the adoption of circular economy principles.
- Hosting and participating in impactful events, such as workshops, webinars, and conferences, to disseminate results and share expertise across multiple stakeholder groups.
- Actively engaging with policymakers, scientific communities, industry partners and civil society to ensure the relevance and applicability of CIRC-BOOST's solutions.

The CIRC-BOOST consortium's focus on measurable outcomes and active stakeholder involvement ensures the project will leave a lasting impact, advancing sustainable construction practices and contributing to the European broader climate and resource-efficiency goals. Regular partner meetings will continue to be organized to monitor the progress of WP2 tasks, including T2.2 Construction Ecosystem, T2.3 activities, and the T2.4 policy brief, as well as regular follow up with WP8. These meetings will ensure effective coordination and alignment across all ongoing efforts. All policy or webinar related content with public access, as well as all public deliverables, will be made available on the website.

In the future, the planned activities, including policy briefs, webinars, and collaborative events with sister projects group, New European Bauhaus and CCRI, underscore CIRC-BOOST's commitment to driving systemic change in the construction industry. By continuing to engage stakeholders, the project positioning itself as a catalyst for circular innovation in Europe.

# 5 ANNEXES

## 5.1 Brochure Sister-projects group



Figure 6 Brochure cover

# Innovating Europe's Construction Sector

The construction sector faces a critical challenge with construction and demolition waste being the largest waste stream in the EU.

To meet this challenge, EU-funded projects CIRC-BOOST, RECONSTRUCT, and WOODCIRCLES are collaborating to promote circular solutions in construction. They employ new technologies and innovative practices to reduce carbon emissions, conserve resources and reduce waste.



**CIRC-BOOST** is focused on implementing and scaling up circular solutions in construction. Through five pilot projects across Europe, it showcases innovative approaches to demolition, waste processing, and transforming waste into valuable new products. CIRC-BOOST aims to reduce waste and promote sustainable practices within the construction sector.



**RECONSTRUCT** increases circularity in construction. It develops eco-friendly alternatives to traditional cement using innovative materials and components for easy disassembly and reuse and digitalises traceability through digital tools and methodologies like Digital Product Passports, 6D-BIM and Blockchain technologies. The developed solutions will be demonstrated in two demo sites in Brussels (BE) and Barcelona (ES).



**WOODCIRCLES** creates circular and sustainable wood-based solutions for construction. Bringing together 20 leading organisations from the wood construction value chain, the project accelerates green transition by promoting collaboration, innovation, and sustainable practices with three demos in Rotterdam (NL), Tartu (EST), and Turin (IT).

Advancing the Circular Economy within the Construction Sector: Blueprints for a Sustainable Future

# Sustainable Practices and Solutions for Greener Construction in Europe



## A pan-European collaboration to boost innovation

A collaborative, multi-disciplinary approach to advancing circular economy practices can pave the way for a more sustainable, resource-efficient, and environmentally friendly European construction sector. Together, CIRC-Boost, Reconstruct and WoodCircles bring together 64 organisations from across the construction value chain.



## Circular Design and Materials

CIRC-BOOST and RECONSTRUCT lead the way in exploring innovative circular design processes and the use of eco-friendly materials. They focus on alternatives to traditional concrete and the valorisation of demolition waste, making the construction sector more sustainable. WOODCIRCLES complements this effort by providing circular solutions for wood in construction, ensuring sustainable value chains for recycled materials.



## Circular solutions in 10 demo sites across Europe

Scalable and replicable circular economy solutions are showcased in pilots and demo sites in 9 European countries. Each provides a proof of concept of how innovators are transforming the European construction sector through the design and delivery of new platforms and tools based on circular economy principles.

Environmental, economic and social impact assessment of new technologies and innovations

Recovery and recycling of construction waste materials to reduce waste and promote reuse.

Showcasing and validating digital technologies and circular approaches in construction.

Advancing the Circular Economy within the Construction Sector: Blueprints for a Sustainable Future

Figure 7 Brochure inner pages

## 5.2 Sister-projects group Roll-up Design

**Advancing the Circular economy in the Construction Sector: Blueprints for a Sustainable Future**

**CIRCBOOST** **reconstruct** **woodcircles**

are collaborating to promote Circular solutions in construction. They employ new technologies and innovative practices to reduce carbon emissions, conserve resources and reduce waste.

**CIRCBOOST** is focused on implementing and scaling up circular solutions in construction. Through five pilot projects across Europe, it showcases innovative approaches to demolition, waste processing, and transforming waste into valuable new products. CIRC-BOOST aims to reduce waste and promote sustainable practices within the construction sector.

**RECONSTRUCT** increases circularity in construction. It develops eco-friendly alternatives to traditional cement using innovative materials and components for easy disassembly and reuse and digitalises traceability through digital tools and methodologies like Digital Product Passports, 3D-BIM and Blockchain technologies. The developed solutions will be demonstrated in two demo sites in Brussels (BE) and Barcelona (ES).

**WOODCIRCLES** creates circular and sustainable wood-based solutions for construction. Bringing together 20 leading organisations from the wood construction value chain, the project accelerates green transition by promoting collaboration, innovation, and sustainable practices with three demos in Rotterdam (NL), Tartu (EST), and Turin (IT).

**Horizon RESULTS BOOSTER** | [horizonresultsbooster.eu](http://horizonresultsbooster.eu)

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Figure 8 Sister-projects Roll-up



2024

NO	Event name	Short description of the event	Format of the events			Location		Type of the event			Type of audience													
			Hybrid/in-person/online	City	Country	Date	Conference, round table, visits, webinar, workshop...	Participation Goal	Geographical Scope	Languages	Led by	Circ-Boost partners involved	Starter projects (Woodcinderes, Reconstruct) involved	URL or PDF of the event	Audience size	(Scientific Community (higher education, Research))	(Industry)	(Civil Society)	(General Public)	(Policy makers)	(Media)	(Customers)	(Other)	
1	9th International Conference CIVIL ENGINEERING SCIENCE AND PRACTICE	International conference of structural engineers	In-person	Kolašin	Montenegro	05-09/03/2024	round table organised during conference	To promote Circ-Boost project and circularity in construction industry, to announce further work and development of the circular pilot house within Pilot 3 of WP3	International	International	FCE	No	<a href="https://www.gnp.univ.ac.rs/">https://www.gnp.univ.ac.rs/</a>	100+	*									
2	INTERNATIONAL SYMPOSIUM OF THE ASSOCIATION OF STRUCTURAL ENGINEERS OF SERBIA - ASEs	International conference of structural engineers	In-person	Vrnjačka Banja	Serbia	18-20/09/2024	panel session organised during conference	To promote Circ-Boost project and circularity in construction industry, to announce further work and development of the circular pilot house within Pilot 3 of WP3	International	International	FCE		<a href="https://dgtts.rgf.bg.ac.rs/index.php?lang=en">https://dgtts.rgf.bg.ac.rs/index.php?lang=en</a>	100+	*									
3	Symposium on HPFRC	Symposium on High-Performance Fibre Reinforced Concrete	Hybrid	Madrid	Spain	15-mars-24	Symposium	Developed technology and circular economy dissemination	National	International	ACCIONA		<a href="http://www3.caminos.upm.es/estructuras2/es/2024/03/17/simposio-sobre-hormigon-de-altas-presiones-relorad-con-fibras-hpfr/">http://www3.caminos.upm.es/estructuras2/es/2024/03/17/simposio-sobre-hormigon-de-altas-presiones-relorad-con-fibras-hpfr/</a>	30+										
4	ECTP Conference	The ECTP conference combines stakeholders from innovation in the whole construction value-chain will share their experience and representatives of the European Commission will inform the attendees about the latest policy development related to the sector, and outline how the EU Construction Industry is at the heart of the Built Environment green and digital transitions.	In-person	Brussels	Belgium	4-5 march 2024	Conference	Promoting Circ-Boost, a roll-up for Circ-Boost project was presented in the Horizon projects exhibition section of the conference.	International	International	CSTB		<a href="https://www.ectp.org/en/tp-conferences/ectp-conference-2024">https://www.ectp.org/en/tp-conferences/ectp-conference-2024</a>	170+	*									
5	Lecture for Norsk Stålforbund	We were invited to the annual meeting in the Norwegian Steel association to give a lecture about Pilot 4. Industry leaders and workers in the Norwegian steel industry were among the audience.	In-person	Oslo	Norway	04/10/2024	Lecture	Presenting Pilot 4 to industry leaders and workers in the steel industry	National	National	LUA			50	*									
6	Design Shanghai	This is the largest design expo in Asia. It attracts local and international visitors. Among these are politicians, industry leaders, workers and consumers. We were invited to exhibit how local recycled materials could be used give a sense of belonging to the actual site and nature (Pilot 4). The exhibition contained text, photos, renders, physical models and QR codes to experience the proposal on their own phones.	In-person	Shanghai	China	19/06/2024	Exhibition	Presenting Pilot 4 as a demonstration of Norwegian sustainability goals	International	International	LUA		<a href="https://www.designshanghai.com/design-shanghai">https://www.designshanghai.com/design-shanghai</a>	10000	*	*	*	*	*	*	*	*	*	*
7	Gaia Arctic Summit	An international conference on how to address climate change in the future, with a focus on the ocean and coastal communities in the north.	In-person	Sortland	Norway	06/06/2024	Conference	Promoting Circ-Boost Pilot 4	European	European	MNORD		<a href="https://gaiaarcticsummit.com">https://gaiaarcticsummit.com</a>	300+	*	*	*	*	*	*	*	*	*	*
8	Barekraftsuka	Barekraftsuka is sustainability week where seminars on sustainability are held around Norway. A lecture was made followed by a discussion with the audience.	Online		Norway	09/10/2024	Lecture	Sustainability demonstration in practice	National	National	LUA, MNORD		<a href="https://barekraftsuka.no/">https://barekraftsuka.no/</a>	40+	*									
9	fib ICCS2024	International Conference on Concrete Sustainability	In-person	Guimarães	Portugal	11-13/09/24	Conference	Developed technology dissemination and networking	European	European	ACCIONA, FCE		<a href="https://fibccs.org/">https://fibccs.org/</a>	200+	*									
10	Norsk Betongdag 2024	Norwegian Concrete Days gathers experts from academia and practice to share and discuss latest projects and novelty in building and construction.	In-person	Bodø	Norway	10/10/2024	Conference	Promoting Circ-Boost Pilot 4	National	European	LIT		<a href="https://www.telma.no/norsarkiv/47000/norsk-betongdag-2024-47186/">https://www.telma.no/norsarkiv/47000/norsk-betongdag-2024-47186/</a>	200+	*									
11	Sister-projects Forum WGBW24	World Green Building Week (WGBW) is the world's largest campaign to accelerate sustainable built environments across the globe, organised by the World Green Building Council (WorldGBC) and its network of over 75 national GBCs. For WGBW24, Serbia GBC hosted an international, two-day conference, where the entire first day of the conference was dedicated to showcasing and highlighting the work of Circ-Boost and its sister projects, as well as other local and European initiatives and projects. The event was available in Serbian and English, in-person and online.	Hybrid	Belgrade	Serbia	09/09/2024	Conference	Communication & dissemination of sister projects' work, solutions and way to stay involved to relevant local and regional audiences	International	International	SrbGBC, CAP, ABE, UPC, FCE	Both	<a href="https://serbiagbc.rs/wgbw24-nationalna-konferencija-saveta-povodom-sveitske-nedelje-zelenog-radnje-2024/">https://serbiagbc.rs/wgbw24-nationalna-konferencija-saveta-povodom-sveitske-nedelje-zelenog-radnje-2024/</a>	128+	*	*	*	*	*	*	*	*	*	
12	EcoFair 2024 - Booth	The International Fair of Environment and Natural Resources Protection – EcoFair is the largest event of this type in the region. It is of an economic and educational nature and is devoted to the systems and mechanisms of environmental protections. Circ-Boost and its sister projects were presented by Serbia GBC at the CCIS booth, with promotional brochures given out to visitors	In-person	Belgrade	Serbia	14-15/10/2024	Trade Fair	Promotion of Circ-Boost and its sister projects, dissemination and networking	International	International	SrbGBC	Both	<a href="https://siam-mnordika.ecofair.rs/kb2b.net/">https://siam-mnordika.ecofair.rs/kb2b.net/</a>		*	*	*	*	*	*	*	*	*	
13	PTEC Webinar	In this webinar ACC will present "Sustainable concrete: case studies and new trends" and will take the advantage to present Circ-Boost project to the audience.	Online	Madrid	Spain	11/07/2024	Webinar	Developed technology dissemination	National	European	ACCIONA			20+	*									
14	Scientific picnic (Naučni piknik)	scientific fair for primary and high school students and their parents	In-person	Belgrade	Serbia	17-18/05/2024	outreach fair	to promote Circ-Boost project and circularity in construction industry, to announce further work and development of the circular pilot house within Pilot 3 of WP3	National	National	FCE		<a href="https://festivalnauke.rs/g-naucnom-pikniku/">https://festivalnauke.rs/g-naucnom-pikniku/</a>	5000		*	*							
15	Le projet Européen Circ-Boost	Informational meeting to present Circ-Boost project to the Ile-de-France Ecosystem, in presence of the French partners involved in pilot 2.	In-person	Paris	France	04/05/2024	meeting	Promote the Circ-Boost project to stakeholders, especially pilot 2	Regional		Cap, CSTB, UGE, MGP, SIT, NGE		<a href="https://connect.cadigital.com/events/le-projet-europeen-circ-boost-cap-coffee.html">https://connect.cadigital.com/events/le-projet-europeen-circ-boost-cap-coffee.html</a>	10										
16	Journée Les freins et les leviers de l'économie circulaire et de la construction décarbonée	Scientific day The brakes and levers of the circular economy and carbon-free construction at UGE	In-person	Champs sur Marne	France	26/11/2024	Conference	Discussion on CE challenges in construction sector	Regional		UGE	UGE, CAP, CSTB	<a href="https://mit.univ-gustave-eiffel.fr/actualite/actualites-detail/ami-economie-circulaire-et-construction-decarbonee-pour-la-ville-de-demain-journee-scientifique-le-26-novembre-2024">https://mit.univ-gustave-eiffel.fr/actualite/actualites-detail/ami-economie-circulaire-et-construction-decarbonee-pour-la-ville-de-demain-journee-scientifique-le-26-novembre-2024</a>	100+	*									

Figure 10 List of events in which Circ-Boost partners were involved in 2024

# References

- GA, Project 101082068 — CIRC-BOOST — HORIZON-CL6-2022-CIRCBIO-02-two-stage
- Portfolio of Research and Innovation Results Project Group: CIRC-BOOST – 101082068
- Service 1 - Portfolio Dissemination Plan Project Group: CIRC-BOOST – 101082068

# End of Document