



SUM4Re NEWSLETTER #2

27 June 2025

INTRODUCTION

Welcome to the 2nd edition of the **SUM4Re newsletter!** SUM4Re is a project paving the way for a circular future in urban construction. By harnessing cutting-edge technologies to create **digital material banks**, SUM4Re is reimagining how we manage urban waste.

Over the past few months, the project has gained impressive momentum, from launching **pilot sites** and hosting **dynamic stakeholder events** to releasing **new tools and resources**. Here's a look at what's been happening across Europe.

"We're now entering a hands-on phase of the project, pilot testing, capacity-building, and gathering insights from across Europe to support sustainable reuse practices in construction." **Pedro Arias Sánchez** - SUM4Re Project Coordinator

Please follow us on social media to be updated on the news:

 Website: www.sum4re.eu

 LinkedIn: [SUM4Re](https://www.linkedin.com/company/sum4re)

X: [@SUM4Re_EU](https://twitter.com/SUM4Re_EU)



Pedro ARIAS-SÁNCHEZ – SUM4Re Project Coordinator and Chair of Applied Geotechnologies Group at the University of Vigo.



PROJECT OVERVIEW: WHAT'S NEW ?

- **Pilots and data collection:** Data collection started in our Spanish and Norwegian pilot sites! At San Sebastián, UVIGO, TECN and OLAR lead the initiative in two different case studies: the tertiary building at Anoeta metro station and an urban asset in the Jolastokieta urbanisation. At Svalbard, VTT, EAGLE, and UVIGO recently conducted data collection activities.
- **Workshops and training sessions:** During our third General Assembly, we conducted our second training session in Oslo!
- **Surveys and interviews:** Your inputs matter! SUM4Re is actively seeking insights from external experts, stakeholders, and policy actors.
- **Tool development:** Our project focuses on transforming construction and demolition waste (CDW) management through AI, BIM, and remote sensing. By attending exhibitions, we simplify and share our progress with a wider audience.



LATEST NEWS



SUM4Re's 3rd General Assembly and data collection in Norway

Earlier this month, the SUM4Re consortium gathered at [SINTEF](#) in Oslo for two days of collaboration, innovation, and progress sharing.

Day 1 – Project Progress & Training

Our General Assembly kicked off with updates on governance, KPIs, and planning for upcoming public seminars. In the afternoon, partners joined a hybrid training session focused on practical tools for reuse, including:

- **Ground Penetrating Radar** ([Screening Eagle](#) | [Proceq](#)) for identifying

hidden building elements

- AR 3D modeling ([Universidade de Vigo](#)) for material identification
- Low-cost 3D mapping and traceability tools ([Estudios Rafer](#))

Day 2 – Strategy & Reuse Policy

We wrapped up with:

- Progress reports across all Work Areas (reuse strategies, testing, communication, policy)
- Two in-depth sessions:
- **Reuse Policy Recommendations** ([VTT](#)) covering legal, technical, digital, and economic aspects
- **Circular renovation decision-making insights** ([De Haagse Hogeschool / The Hague University of Applied Sciences](#))

The day ended with a site visit to **KA13**, a landmark reuse project in Oslo. Many thanks to **Entra ASA** for sharing their experience.

 A big thank you to all partners for their contributions and to [SINTEF](#) for the warm welcome!

Field Mission in Svalbard: Advancing On-Site Data Collection

On June 12–13, 2025, partners from [Universidade de Vigo](#), and [Screening Eagle | Proceq](#) traveled to **Svalbard, Norway**, for a hands-on mission focused on **automated data collection** and **material identification** in real-world conditions.

 Working in this remote Arctic setting, the team tested technologies for on-site data acquisition, crucial for enabling effective **resource recovery** and **reuse** in construction.

 [Read more about Svalbard](#)



The poster features a grey, textured background. At the top left is the SUM4Re logo. To its right are icons for the website (sum4re.eu), LinkedIn (SUM4Re), and X (SUM4Re_EU). Below the logo is a blue banner with the date 'June 10th 2025'. The main text reads 'ONE WEEK LEFT' in large blue letters, followed by 'SUM4Re's Training session on Circular Construction and Digital Tools'. A location pin icon points to 'Forskningsparken, OsloTech AS, Gaustadalléen 21, 0349 Oslo'. Below this, it says 'Or Online attendance'. A prominent blue button at the bottom right says 'RESERVE YOUR SPOT NOW'. At the bottom left, there is a 'TRAINING SESSION June 2025' badge. At the bottom right, the European Union flag and the text 'Funded by the European Union' are displayed.

Training Session on Digital Tools & Circular Construction

Training session on Digital Tools & Circular Construction – Oslo

On Tuesday, 10 June 2025, SUM4Re hosted a hands-on training session at Forskningsparken in Oslo, with participants joining both on-site and online.

The session focused on:

- Low-cost 3D mapping solutions
- Reuse of construction materials
- The use of digital tools to support circular practices in the construction sector

Open to professionals, researchers, and stakeholders, the training offered practical insights into how emerging technologies can support more sustainable and resource-efficient building processes.

Thank you to all who joined us and contributed to the exchange of knowledge and best practices!

[👉 Read more](#)



The Hague attended the 4th edition of the DBE Research Day in Groningen

At the recent Research Day on Digitalisation in the Built Environment, leading minds from Dutch and international universities gathered to share innovations in #AI, #BIM, and #CircularConstruction. A highlight was the impactful work of Prof. Rizal Sebastian and Daniëlle Strydom from De Haagse Hogeschool / The Hague University of Applied Sciences, who presented their paper on digital data acquisition and BIM integration for circular projects.

[👉 Read more](#)



Pilot action in Spain: ETS leads circular renovation at Anoeta Station

The Spanish infrastructure agency [Euskal Trenbide Sarea - Red Ferroviaria Vasca](#) is implementing a circular construction pilot in the [Anoeta railway station](#) in [San Sebastián](#). The goal: explore the reuse of materials from renovation works and assess their traceability and environmental impact using SUM4Re methodologies. This pilot is a key step toward demonstrating how reuse practices can be integrated into public infrastructure projects.

[Read more](#)

[See full article \(in Spanish\)](#)



SUM4Re Engages Young Minds at Science Fair in Lalín

[Clara García Moll](#) had the opportunity to participate in a science outreach activity in [Lalín](#) (Pontevedra, Spain), where she presented the SUM4Re project to children aged 10 to 13 as part of a science fair organized by the [Universidade de Vigo](#). The fair attracted more than 2,000 students and aimed to awaken their curiosity for science and technology, with a strong emphasis on the role of women in research and STEM careers.

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[Read more](#)



SUM4Re presented at ECCREDI Council in Switzerland

The [European Builders Confederation EBC](#) presented the SUM4Re project at the [ECCREDI Council Meeting](#) held in Switzerland in March 2025. The event gathered European stakeholders from the construction and research sectors. The presentation helped raise awareness about SUM4Re's objectives and engage new partners interested in sustainable construction policy and practice.

[Read more](#)



Participate in the SUM4Re survey on circular construction

To better understand current practices and challenges in circular construction, we're conducting two short surveys for professionals, policymakers, and researchers.

Why participate?

- Highlight barriers in CDW management and material reuse
- Shape better policies and strategies
- Share your experience to support a more circular sector

 Each survey takes ~15 minutes — your insights matter!

 Take the surveys:

- [Secondary material reuse & recycling](#)
- [Circular economy in construction](#)



SUM4Re researcher wins video contest with innovative take on XR

Juan Carlos Navares, a researcher working on SUM4Re, won the EELISA video competition for his engaging and informative video on the use of Virtual and Augmented Reality in the construction sector. His video highlighted how immersive technologies can enhance circular practices and support the reuse of materials by improving visualization, design, and stakeholder communication. This recognition brings visibility to both the researcher and the SUM4Re project's broader impact.

 [Watch the video and read more](#)

Thank you for reading the second edition of our newsletter, and do not hesitate to like, comment and share our posts and newsletters. 



The SUM4Re Consortium

Universidade de Vigo | TECNALIA Research & Innovation | De Haagse Hogeschool / The Hague University of Applied Sciences | SINTEF | Block Materials | R2M Solution France | Estudios Rafer | VTT | Gemeente Den Haag | CONSTRUCCIONES MOYUA SL | AF Offshore Decom | Store Norske | Concular | OLAR Solutions | GScan | European Builders Confederation EBC | Screening Eagle | Proceq



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