A Digital Ecosystem for Circular Construction

How can **digital solutions** accelerate the transition to a circular economy in construction? And how do these tools fit best into the workflows of manufacturers, constructors, designers and engineers? These are the questions central to the **Reconstruct** project, co-funded by the European Union under the Horizon 2022 call.

On the table is **a set of digital solutions**, integrated through blockchain, to **track and trace materials** through the value chain, including product passports, building passports and 6D-BIM models for a data-driven (de)construction process. With new challenges to futureproof our buildings and close materials loops, these tools also provide the data necessary for informed decision-making, allowing clients and building professionals to **assess and compare** the impacts of different construction systems and material choices.

During our **half-day stakeholder event** in Brussels, the Reconstruct partners will present the first iteration of this ecosystem. Focusing on the role of data and digital tools in the **European net zero agenda**, we will showcase the data, formats and workflows developed. In the second part we want to hear about you and the digital needs and challenges in your organisation. Through a workshop format, we want to better understand how the Reconstruct tools can create value in your day-to-day practice.

Programme
9:00 Context: **Digitalisation and the European roadmap to net zero emissions.**
9:20 Proposition: A new digital Ecosystem for circular (de)construction. State of the art on Digital passports and 6D-BIM models. Data, formats and workflows proposed by the partners.
9:40 Stakeholder perspectives: workshop format to collect feedback on the solutions provided.
10:50 Network break
11:10 Digital transformation journeys in the construction sector: frontrunner testimonial(s).
11:30 Stakeholder perspectives: workshop format to collect feedback on the stakeholder needs for impact assessments and tracking and tracing.
13:00 Conclusion

Registration
This event is free, but registration is mandatory. Secure your spot by filling in the **registration form**.