





European Regional Development Fun



Agenda

- Intro
 - Digital Deconstruction
 - Transnational Innovation Hub
 - Miro
 - User roles
- Working session
 - The DDC Platform : creating projects
 - Mock-ups & project views
 - Use cases
- Outro



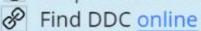




Digital Deconstruction is a NWE Interreg project, developing advanced digital solutions supporting reuse and high quality recycling of building materials. The main goal is to create an open source innovative digital decision support system, integrating various digital tools (3D scanning, Building Information Modelling, a digital materials & buildings database, blockchain technology, ...), that helps to define the most sustainable and economical deconstruction and reuse strategy for buildings.

The Regional Innovation Hubs are set up as an innovation network of actors in the digital deconstruction sector. They will provide hands-on experience with innovative technology, enable the networking of front-runners and the co-creation of DDC tools with actors along the value chain

Scope: 2019 - 2023



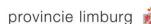
Countries : BE | FR | LX | NL

























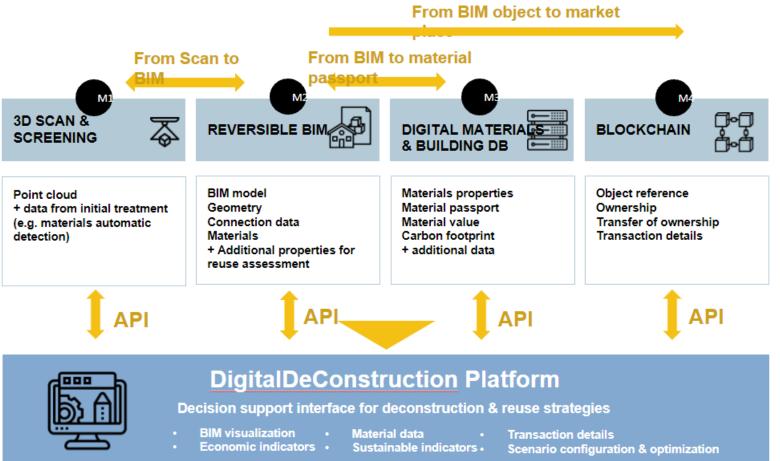












Transnational Innovation Hub



- Objectives
 - Interface between the technology & the end-users/stakeholders
 - Broad movement in the domain of deconstruction, reuse, recycling and the use of digital tools to support this

- Innovation Hubs?
 - Regional Innovation Hubs
 - 1 Transnational Innovation Hub
 - Exchange with frontrunners
 - Run ahead, vision
 - Testing,





Transnational Innovation Hub



1st session:

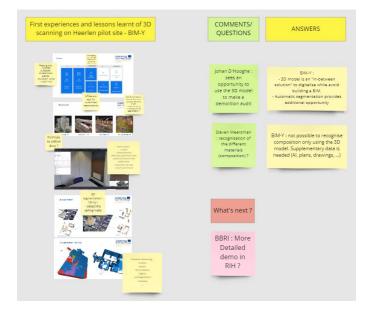


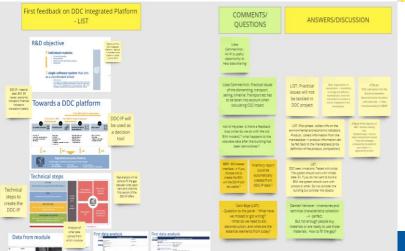
Transnational Innovation Hub

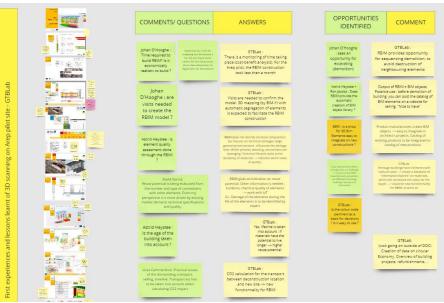
North-West Europe

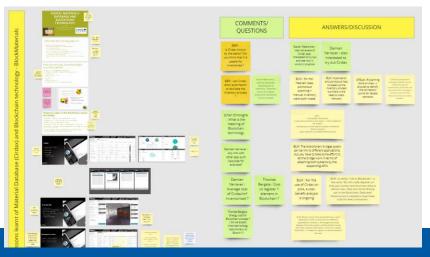
Digital Deconstruction

2nd session









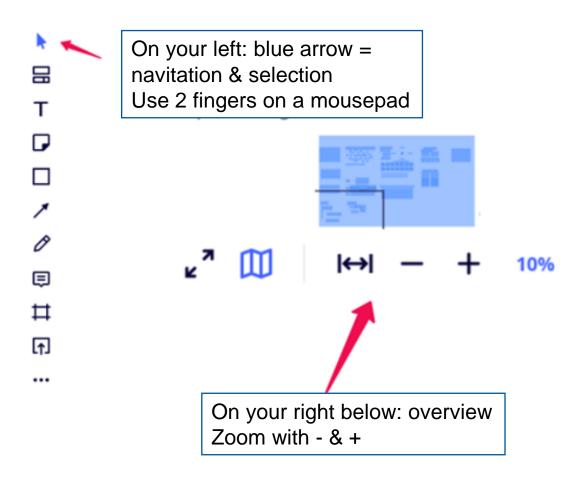
How does MIRO work?



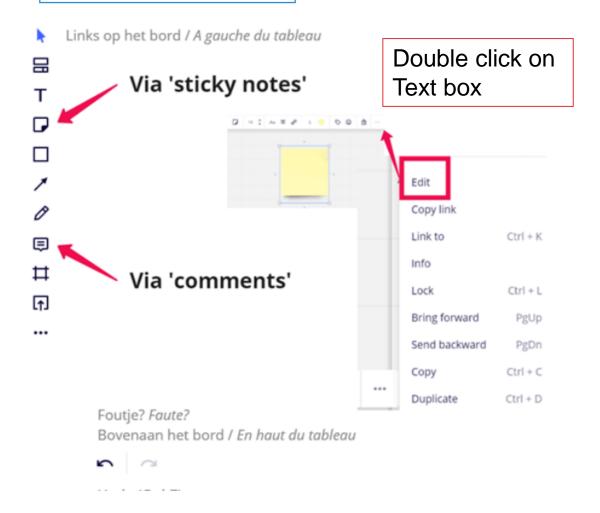
https://miro.com/app/board/o9J_IShYcjc=/



NAVIGATE



TO GIVE INPUT



Participant Role



- Are you a ...
 - Project owner / Building owner / Client ?
 - Architect / Designer / Consultant ?
 - Specialist in demolition & inventories ?
 - Contractor (demolition / construction) ?
 - Reuse expert / material reseller ?
 - ... ?

Name Organisation Expertise Jeroen Vrijders BBRI Demolition expert Strike a pose!





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More information



https://www.nweurope.eu/projects/project-search/digital-deconstruction/



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Search...

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Digital Deconstruction - Advanced Digital Solutions
Supporting Reuse and High-Quality Recycling of
Building Materials

Project Summary

Construction and demolition waste (CDW) accounts for about 1/3 of all waste produced in the EU. Ca. 50% of this amount is currently recycled in most EU countries, however the majority of CDW is destined for backfilling and other low value applications (downcycling). In NWE countries reuse and high-quality recycling (upcycling) of CDW remains below 3%. Poor digitisation of the construction sector is one of the key factors hindering better exploitation of circular opportunities.

Digital Deconstruction (DDC) aims to develop an innovative digital decision support system, integrating various digital tools (3D scanning, Building Information

KEY INFORMATION

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