

FRDBE

Facilitating the recirculation of dismantled building elements in Northwestern Europe

What challenge or problem are you addressing? What is the need for the project?

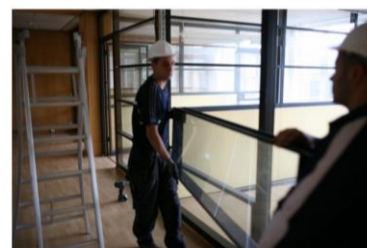
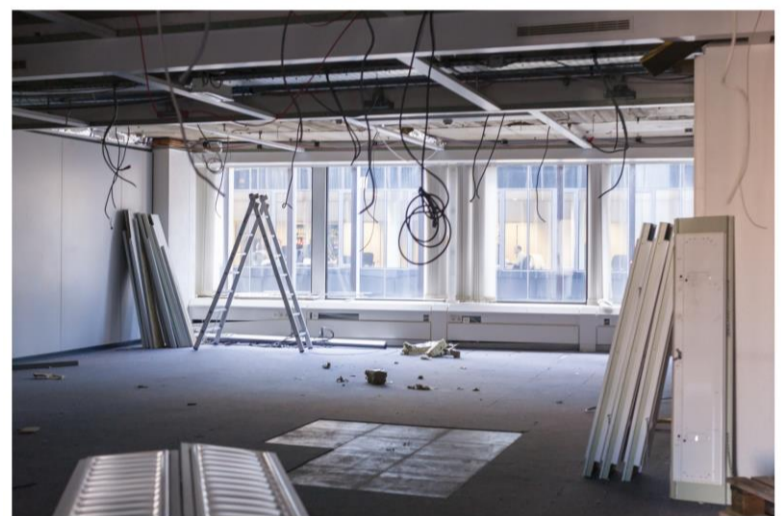
The reuse of building elements is often seen as a key feature of a future circular economy for the construction sector. Products obtained from deconstruction present a drastically lowered embodied environmental impact in comparison to their newly produced equivalents. Moreover, the dismantling, remanufacture and sale of reused building elements generate low-carbon, locally rooted economic activities. But in order to allow dismantled elements to be widely recirculated and used, several issues need to be addressed.

Objective of the project: What your project wants to achieve/change

The objective is to expand the industry's capacity to work with components derived from the dismantling. We want the specialized operators to be more known, and make reused elements easy to implement.

Why do you need transnational cooperation?

This project is based on successful initiatives carried on at regional or national level. There is a need to extrapolate from the lessons learned, and to address questions that go beyond the territorial scale. Examples: conduct an exhaustive identification of the operators, diffuse inspiring examples, develop methods to describe the performance and stimulate the demand for reused components, generate case studies, ...



Types of partners:

Research centers with interest for the topic; construction and demolition contractors with expertise in reuse; public agencies working on circularity in the built environment; public or private developers, schools of architecture to hold workshops with students; ...

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