

DIGITAL PLATFORM FOR ENVELOPE RETROFITTING (DP4ER)

? What is?

This platform provides a structured digital solution to guide stakeholders through the deep renovation of buildings. It supports every phase – from early planning and data collection to manufacturing, construction, and maintenance – using an open toolbox of modular tools linked to a digital building model.

🎯 Challenge

Renovating buildings to high-efficiency standards is often slow and complex, with limited tools to streamline decisions and coordination.

💡 Solution

DP4ER accelerates the process with a comprehensive digital platform, offering advanced tools and clear renovation options to enhance stakeholder collaboration and efficiency.

➡ Key Benefits



Speeds up

renovation planning and execution



Decision-making

Simplifies decision-making with early-stage scenario tools



Innovation

Integrates innovative solar façade solutions



Communication

Enhances communication across all project phases

➡ Target Users



- ✓ Building owners and managers
- ✓ Construction and renovation companies
- ✓ Energy efficiency consultants

➡ Next Steps

- ✓ After the end of the project, the DP4ER will be used as a free-to-use, educational tool including all the digital tools developed within the project.



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