



D3.2. The BuildUPSpeed MAP tool



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Revision history

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Acronyms

BIM	Building Information Modelling
B-MAP	BuildingUPSpeed Market Activation Platform
MAP	Market Activation Platform
MCDA	Multi-criteria decision analysis
PPP	Public and private partnership
SME	Small and medium enterprises
WS	Workshop

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Summary

The overall aim of BuildUPspeed is to accelerate the volume and depth of deep renovation of the EU building stock, supporting the EU renovation wave, by promoting and implementing industrialized renovation solutions. BuildUPspeed builds upon and capitalizes the results and outcomes from relevant and related H2020 projects on deep renovation, specifically projects and actions on prefabrication, BIM adaptation for renovation and industry 4.0. The project will also enhance the people and context - centred renovation process at a local and pan-EU level to make deep renovation more attractive for consumers and investors (from the public and private sectors), environmentally friendly and cost effective. Moreover, BuildUPspeed will also use the approach and utilize networks of several chapters of the 'Energiesprong' and 'Stroomversnelling' (like in NL, IT, FR, AT).

For this purpose, BuildUPspeed will develop and implement digital and physical Retrofitting Market Activation Platforms, and will validate them on a national MS level in five Pilot Markets and Pop-up Factories, representative of singular social-geographical-economical-policy ecosystems in Europe with the objective for a further roll out in other MS's and at the European level to support Public and Private Partnership (PPP), as endorsed by relevant EU umbrella associations in the private (UIPI International Union of Property Owners) and public (HE – Housing Europe) residential sectors.

According to Objective 1 of the project (Accelerate the volume and depth of building renovation by a Market Activation Platform for the promotion and implementation of industrialized renovation solutions), a turning point for the market uptake of the energy retrofitting of the EU building stock is the possibility of connecting and unlocking proven modular deep-renovation technologies and concepts to local market needs in a digitally way. This automation is intended as a support to clients (tenants, property owners, professionals and entrepreneurs, or public sector), and customization of solutions will be pursued, according to each profile concrete needs and expertise.

Therefore, WP3 – *Design and digitalization of the Market Activation Platform* - deals with the digitalization of the multi-target solutions, regarding their adaptation to regional climatic, building, socioeconomic and market conditions and the multi-level processes, regarding the “breakdown” of the overall retrofit process into standardized segments (e.g. awareness through best practices; design through BIM/ VR visualizations; implementation through local pop-up factories; feedback/ collaboration through validated channels), and will join and combine knowledge and approaches and communicate with tools already available, to optimize their uptake on local markets. This will be done through the implementation of a simplified ICT ecosystem that will scale-up other existing eco-systems such as: BIMspeed, 4RinEU and P2Endure, acting as a module per se regarding existing initiatives as re-MODULESS, METABUILDINGS and METABUILDING LABS, communicating to them through APIs and services, and as entry point to the different industrialized solutions according to a building location and a user profile. The construction of the digital platform follows the following main tasks:



- Stakeholders' requirements elicitation
- Definition of functional requirements & use cases
- Specification of the connection to existing eco-systems including specification of user experience & interface
- Implementation
- Evaluation
- Documentation
- Deployment (implantation)

The BuildUPspeed Market Activation Platform (MAP) aims to be a scalable tool to display, compare and share, based on several data sources and services, presenting attractive and analytical reports through a webtool. For the sake of effectiveness of the whole project development and maximize the potential results delivered by the end of the project duration, it is foreseen for this WP the adoption of AGILE and Scrum development methodologies (iterative and incremental development, adaptive planning, and direct and continued involvement of the consortium's members in the development process), considering the leaders of each work packages as the scrum leaders to keep the integrity and the success of each deliverable. Therefore, these tasks are to be regarded not as a list, but a loop that will be progressively updated and reviewed to take into account the results and suggestions that will come from the other project WPs.

1 Introduction

This report presents the outcomes of the task “The BuildUPspeed MAP tool” that involves tasks T3.3 and T3.5, in the WP3 *Design and digitalization of the Market Activation Platform*.

The primary objective of these tasks is to implement, deploy and document the BuildUPspeed MAP tool—a comprehensive platform strategically crafted to promote user-centric deep-renovation approaches within the renovation sector.

This document serves as a comprehensive deliverable aims at consolidating information related to the implementation process of the BuildUPspeed MAP tool and its use. It encompasses sequential releases that progressively integrate generated information as the implementation process evolved, encompassing tasks:

- From Task 3.3 (*MAP tool – Implementation & Deployment*): Priorization and implementation according to T3.1 & 3.2, in incremental releases, considering feedback from T3.4.
- Task T3.5 (*MAP guidelines – Documentation*): all the necessary documentation so that users can make proper use of it.

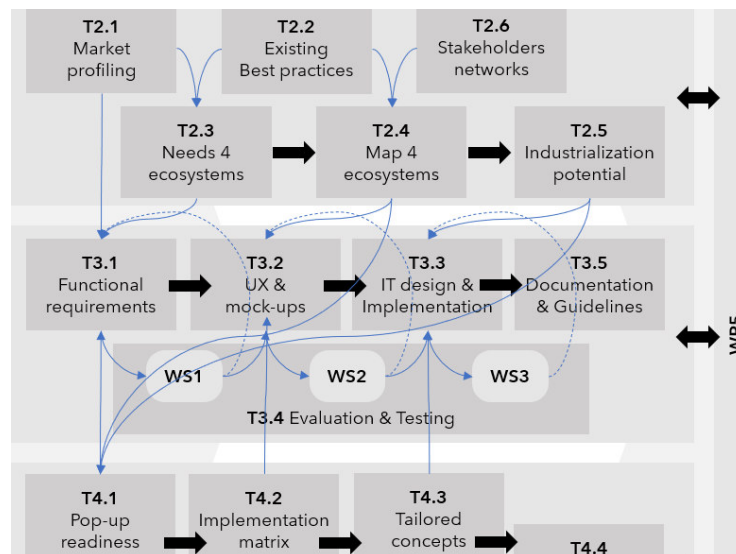


Figure 1.- Connection between tasks

Task 3.3 undertakes the technical design, priorization and implementation, according to T3.1, 3.2 & T3.4, organized in incremental releases including a Prototype 1: welcome page, general maps and catalogues (see); a Prototype 2: adding questionnaires and specific solutions (think); an Alfa version: including assisting functionalities, authorization, contact, security, editing (do); a Beta version: considering feedback (care); and finally the release version. Finalizing the development of the MAP tool, it will be moved on to the deployment phase, where the solution is installed, stability tests and adequate functional control are carried out by the developers. This task encompasses the activities of testing, debug and fine tune; release version and



deployment to production servers. This ensures the user experience to be adequate, and the continuity of the project is guaranteed.

Task 3.5 focuses on developing the necessary documentation so that users can make proper use of the MAP tool, including the technical documentation so that the administrators of the app can keep it stable, increase data, or control geographic services and connections with external systems, and final user guidelines.

Therefore, this document compiles the outcomes of 2 tasks, dividing the deliverable into two big sections:

- i) MAP technical overview
- ii) MAP guidelines

2 Market Activation Platform (MAP)

The BuildUPspeed Market Activation Platform (B-MAP) has been conceived as a digital ecosystem to facilitate the uptake of industrialized renovation by connecting building owners, solution providers, industry stakeholders and public authorities through a common digital environment. Its development has followed an iterative, user-centred approach, where functional requirements, user journeys and technical implementation have progressively evolved according to stakeholders' needs and project constraints. The following sections describe both the functional evolution and the technical development of the platform. These descriptions build upon the analysis carried out in Deliverable D3.1, which established the conceptual framework of the B-MAP based on stakeholder feedback, identified use cases and available resources, and explain how these requirements have been translated into the final platform deployed within the scope and technical capabilities of the BuildUPspeed consortium during the project lifetime.

2.1 *Development history*

The development of the Market Activation Platform (MAP) was shaped through several explorations and design considerations carried out within the scope of Task 3.3. Before deciding on the final development pathway, different technical options were assessed:

- **re-MODULEES Platform:** Although this platform provided a similar structure to the MAP concept and its source code was available, the reuse of its components was found impractical. Significant re-engineering would have been required, making it more time-consuming and less efficient than starting from scratch.
- **RE Suite:** As an existing expert tool within the consortium, RE Suite was considered as a potential foundation. However, it was determined to be unsuitable for the MAP, as it primarily serves expert users and does not provide the basis needed for MAP's broader objectives.
- **New Development:** Based on IVE's thorough research (see T3.1 and T3.2 in D3.1), and evaluation of business-related requirements, the decision was made to develop the MAP platform entirely from scratch. This approach ensures a robust foundation that is adaptable, scalable, and aligned with the consortium's strategic goals.

The MAP was therefore developed as a modular, multi-stage platform integrating different functionalities into an accessible digital environment. The core modules include Experts, Solutions, Success Stories and Objects, supported by map-based navigation, catalogue functionality, data-entry workflows and, in later releases, wizard-based assistance. The development followed a structured release plan, progressing from early prototypes toward the final platform version. The overall release plan is shown in Figure 2.

Prototype v1 was launched on January 2025 (Figure 3.- Prototype v1 (01/25) URL - [https://secure-s.demobv.nl/buSMAP/Host/Figure 3](https://secure-s.demobv.nl/buSMAP/Host/Figure%203)). This first version introduced the basic structure of the MAP, including a welcome page, interactive map functionality across the main modules, and an initial catalogue populated with illustrative data. Its main purpose was to demonstrate the first technical concept and provide a basis for internal review and further development.

Prototype v2 was launched in December 2025 and released to the consortium partners on January 2026. From this release onwards, as illustrated in (Figure 4), the MAP gained its current graphical design and became accessible to partners for testing, login and data population. Details regarding the graphical design are provided in Section 0. This version introduced the authentication workflow for visitors, registered users and administrators, an updated user interface and user experience design, and the integration of initial Solutions and Experts datasets into the platform.

Following these two prototype releases, the platform progressed through **Alpha v3**, **Beta v4** and **Final v5**, in line with the release plan shown in Figure 2. These releases gradually expanded the functionality of the MAP and incorporated feedback received from consortium partners, IVE and internal testing. In addition to the five major releases, several minor internal releases were carried out between the main milestones to fix bugs, refine implemented features and address smaller recommendations or improvement wishes.

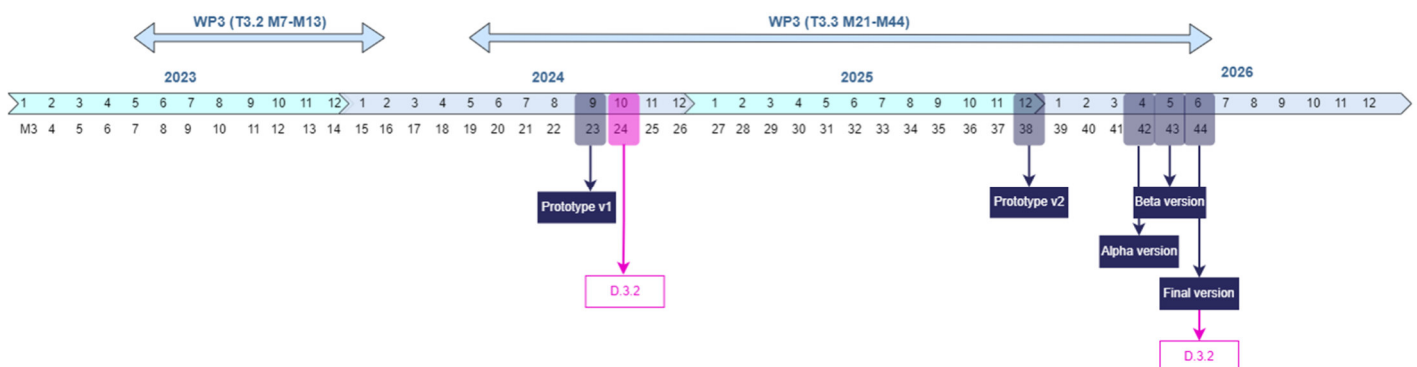


Figure 2.- MAP Release Plan

The main release notes can be summarized as follows:

Prototype v1 (Figure 3 and Figure 4):

- Welcome page;
- Interactive map;
- Initial catalogue for data storage;
- Illustrative data across the main modules.

Prototype v2 (Figure 5):

- Authentication workflow for visitors, registered users and administrators;
- Updated UI/UX design;
- Integration of Solutions and Experts (importing databases into MAP);
- Partner access for testing and data population.

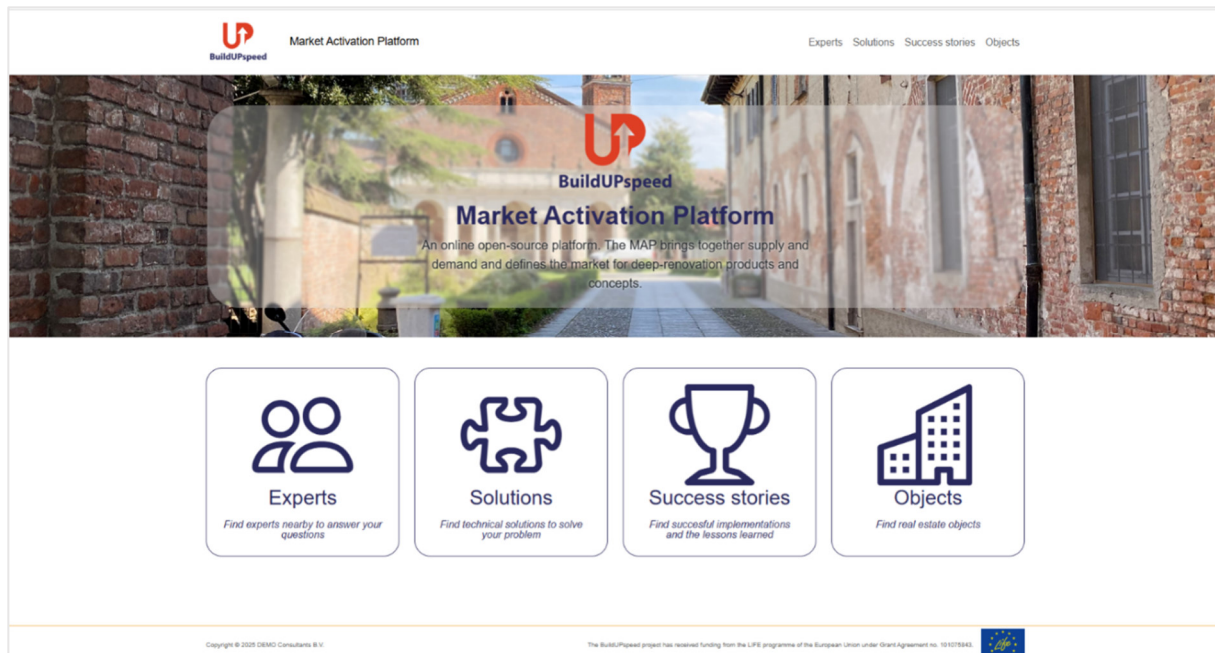


Figure 3.- Prototype v1 (01/25) URL - <https://secure-s.demobv.nl/buSMAP/Host/>

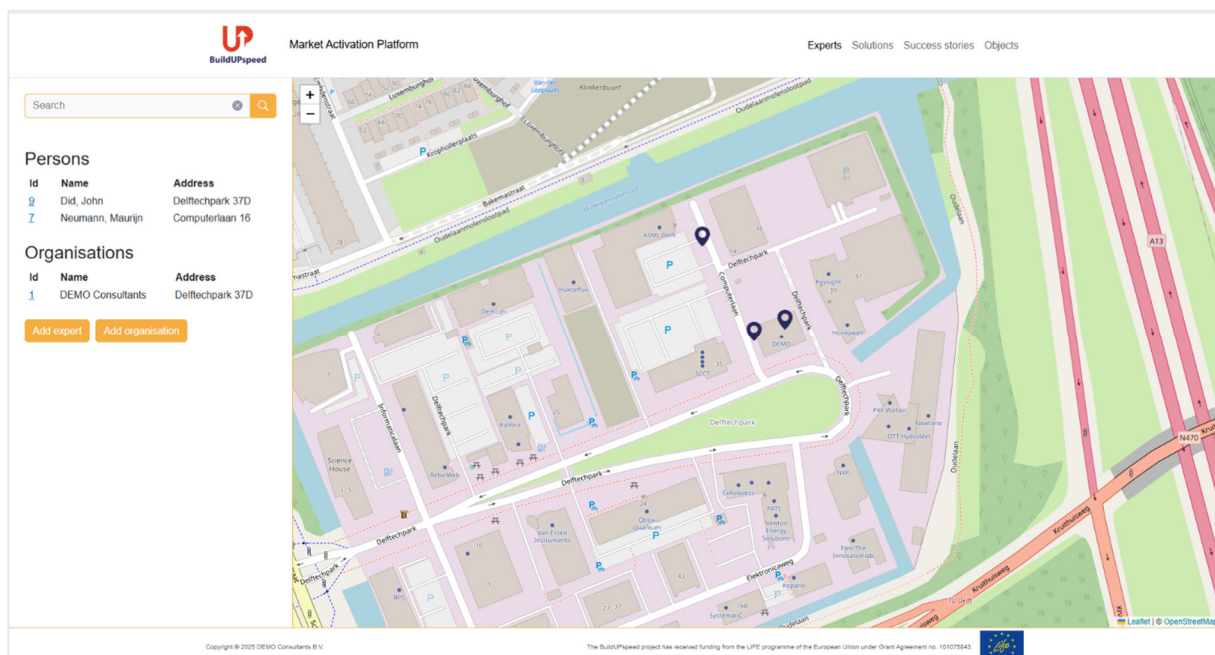


Figure 4.- Prototype v1 - Experts Module (example)

Alpha v3:

- Assisting functionalities;
- External resources page;
- Initial Building Wizard and Component Wizard functionality;
- Incorporation of user feedback.

Beta v4:

- Further incorporation of user and IVE feedback;
- Front-end input features;

- Interconnections between the three main catalogues;
- Updated Building Wizard and Component Wizard.

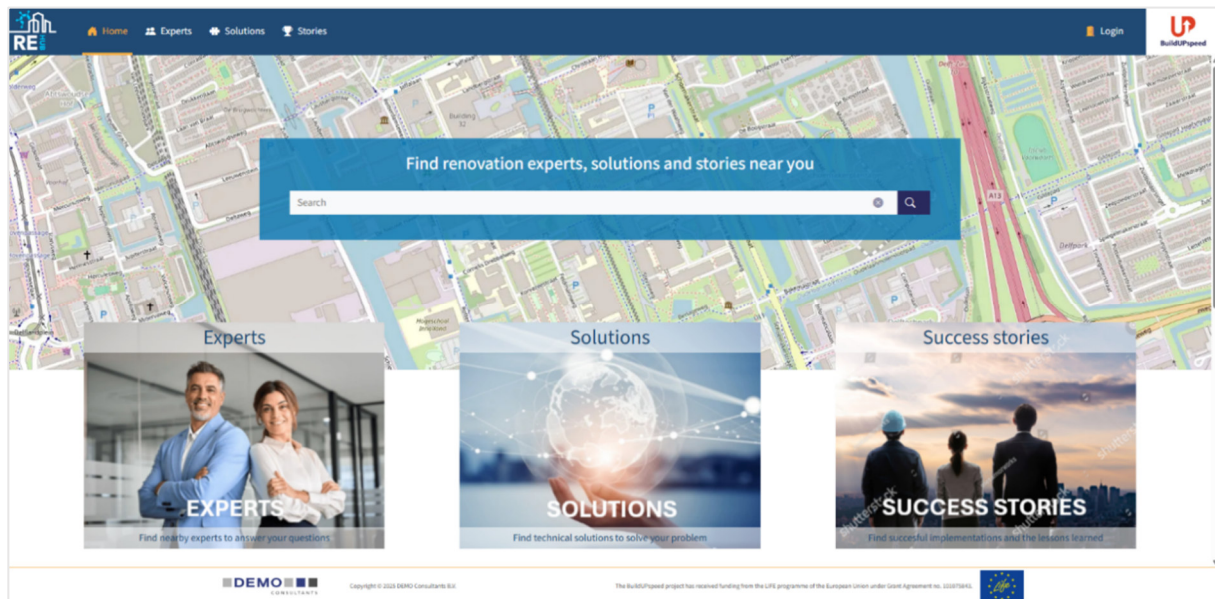


Figure 5.- Prototype v2 (12/25) URL – <https://busmap.demobv.nl>

Final v5 (Figure 6):

- Further enhancements to the existing wizards;
- Pop-Up Factory (PuF) landing page and individual pages for each PuF;
- PuF Wizard;
- Final incorporation of user feedback and validation outcomes;
- Refinements to the final platform functionality and user experience.

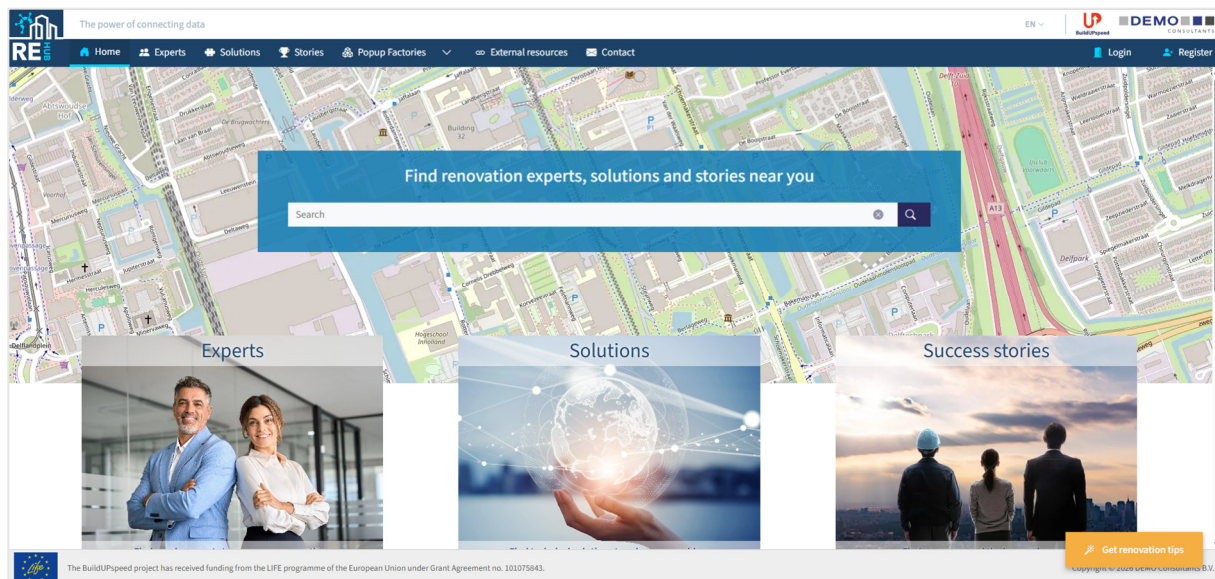


Figure 6.- Final v5 (06/26) URL - <https://busmap.demobv.nl/platform>

The technical implementation and final functionality of the Final v5 MAP are described in section 2.2, while the testing and validation process is addressed in section 2.2.4. User guidelines are provided in section 3.



2.2 *Technical Overview*

The market activation platform saw various iterations in its development to the final form. This chapter elaborates on the applied methodology, architecture, design and functionality are elaborated. Finally, after testing in the consortium the validation flow and incorporation of feedback is detailed.

2.2.1 Development methodology

In this project, the process followed an iterative cycle that ensures the system gradually evolves toward meeting user needs and quality expectations. The first step is to elicit requirements. In this phase, the goal is to understand what the system should do by engaging with stakeholders, users, and domain experts. This involves gathering both functional requirements (what the system must do) and non-functional requirements (such as performance, security, and usability). Once requirements are sufficiently understood, the next step is implementation. In this phase, developers translate the agreed requirements into working software. This includes designing the system architecture, writing code, integrating components, and ensuring alignment with technical standards and design principles. After implementation, the system moves into testing. The goal is to identify defects, inconsistencies, or gaps in functionality as early as possible. Following testing, validation ensures that the system not only works correctly but also meets the actual needs of the users and stakeholders. Validation focuses on whether the right solution has been built, involving user acceptance testing, demonstrations, or feedback sessions.

Finally, the process is iterative. Feedback gathered during testing and validation is used to refine requirements, improve the implementation, and address issues. This cycle repeats, allowing the system to evolve incrementally and continuously improve over time until it meets the desired level of quality and usability.

2.2.2 Architecture

The user interface is built with Blazor WebAssembly and communicates with the backend through a REST API. The solution follows a CQRS-based architecture, using dedicated Command and Query handlers to separate write and read operations.

The system consists of three independently deployed applications: Client, API and Host Application. This separation defines clear boundaries between presentation, business logic, and hosting responsibilities.

Applications

Client (Blazor WebAssembly): Runs in the browser and provides the user interface. It hosts all UI components, manages user interactions and form binding, and handles client-side routing and state management. It communicates with the API for all data operations.

API (ASP.NET Core API): Serves as the backend layer, exposing REST/HTTP endpoints consumed by the Blazor client. It acts as the entry point for external and



internal requests, routing them to the appropriate handlers while managing API-level concerns such as middleware and filters.

Host (ASP.NET Core Host): Responsible for hosting the Blazor WebAssembly application as static content and acting as the central entry point for the system. It orchestrates the overall application, potentially providing shared services, middleware, authentication, and configuration that both the client and API rely on.

Infrastructure

The application is hosted on a Microsoft Azure-based infrastructure, providing a scalable and cloud-managed environment for deployment and operations.

The system runs on virtual machines (VMs) for application services, with Microsoft SQL Server as the primary database for structured data storage and management. Web services are hosted through Internet Information Services (IIS), ensuring reliable application delivery within the Microsoft ecosystem.

Continuous integration and continuous deployment (CI/CD) are managed through Azure DevOps, enabling automated build, testing, and release pipelines for consistent and controlled software delivery.

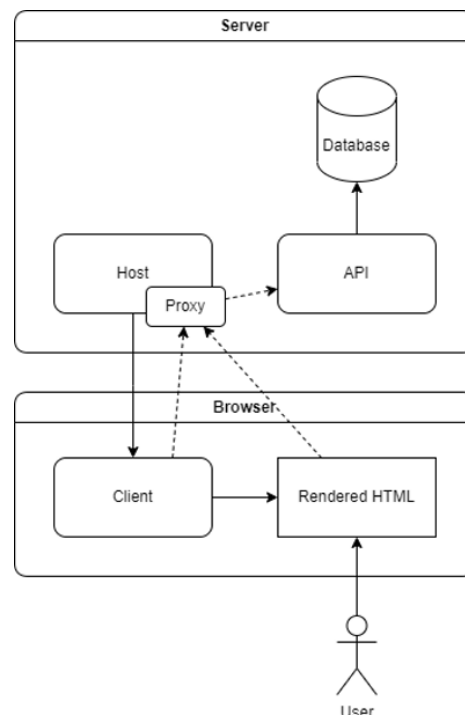


Figure 7.- Applications

Security

Authentication and Authorization: The application uses a centralized identity provider and implements authentication through OpenID Connect and OAuth 2.0. User authentication is performed via the Authorization Code Flow, while session continuity is maintained through the Refresh Token Flow.



Authorization is based on a relationship-based authorization model. Fine-grained access control is enforced through the Authorization Service and custom middleware that validates access to protected resources and routes.

Security: The application incorporates several security measures to protect user sessions and application resources. These include automated token lifecycle management, support for development and production certificates through Kestrel, protection against open redirect attacks on authentication endpoints, and scheduled background tasks for token and certificate maintenance. Cookies are configured for HTTPS-only transmission.

Responsiveness

The interface of the web application automatically adapts to different screen sizes, ensuring usability and readability across desktops, tablets, and smartphones. Responsive layouts and scalable components provide a consistent user experience regardless of the device being used.

Graphical design

The design highlights the most important information and actions, using a clear and simple layout that is easy to understand and navigate. It follows a modular design approach, making the interface flexible, consistent, and reusable.

It is based on RE Suite, which has been developed and refined over 25 years of experience. The platform is adapted for non-expert users, focusing on clarity, simplicity, and ease of use. Complex tasks are presented in a straightforward way so users can get started quickly without needing extensive training.

Overall, the interface is clean and focused, helping users work efficiently without unnecessary complexity.

2.2.3 Functionality

Authentication / Authorization

User registration: Selecting the Register link redirects the user to the RE Authentication registration form. After submitting the required information (First Name, Last Name, Email Address, and Password), the user receives a confirmation message and can sign in using the provided login link.

Users: User extends Principal and is linked to RE Authenticate via a unique identifier that maps the authenticated identity to a user record in the system. Permissions can be assigned directly through ACL entries or inherited through membership in user group instances.

The system provides four default groups: Administrators, All Users, Anonymous Users, and Authenticated Users, enabling system-wide policies and bulk permission assignments.



User Groups: UserGroup extends Principal with a required Name and a collection of member principals. Membership is bidirectional: members are stored in UserGroup.Members, and parent groups in Principal.MemberOf. As principals, groups can be assigned permissions that are inherited by their members. Creating, modifying, or deleting groups is restricted to users with the Owner role, as defined in PermissionConfiguration.

Roles and Permissions: The authorization model uses a hierarchical role structure where Owner includes Editor permissions and Editor includes Reader permissions.

Permissions are mapped to actions such as Create, Read, Edit, and Delete. For example, only Owners can create or delete PassportObject instances, while Editors can modify them and Readers have read-only access.

Access Control: based on role assignments between principals and resources. Permissions are resolved in the following order:

1. Direct user ACL assignments.
2. ACL assignments inherited through group memberships.
3. Role inheritance through the transitive role hierarchy.

When a resource is shared with a group, a single ACL entry is created for that group. Effective permissions are determined during authorization by evaluating group membership, allowing efficient ACL management and support for nested groups.

Relationship based authentication: The application implements a relationship-based authorization model that combines role-based permissions with fine-grained access control lists (ACLs). Access decisions are evaluated using the .NET IAuthorizationService and dependent on both a user's assigned roles and their relationships to specific entities. User groups are used to simplify role assignment and permission management across the application.

Catalogue

All Catalogue sections—Experts, Solutions, and Success Stories—share a common user interface consisting of three primary components: a list view, an interactive map, and a search bar.

The list view displays the first 25 entries, ranked by geographic proximity to the user's current location. To determine proximity, the application requests access to the device's available location services, which may include GPS, cellular network data, Wi-Fi network information, and IP-based geolocation. Upon user consent, the system retrieves the device's latitude and longitude coordinates and uses these values to filter and rank catalogue entries. Each entry is presented with a subtitle if present and provides direct navigation to its corresponding detail page.

The interactive map displays the same set of results geographically, enabling users to explore and access entries based on their location. The search bar allows users to refine the displayed results using keyword-based queries. Search results follow the same interaction model as the list view and provide direct access to the associated detail pages.



Users with the appropriate authorization privileges are provided with an action button on the overview page that allows the creation of new Expert, Solution, or Success Story entries.

Regardless of whether an entry is accessed through the list view, map, or search results, navigation leads to a standardized detail page. This page presents comprehensive information about the selected entry, including an image carousel supporting multiple images and a relationships section that displays links to related entities within the catalogue.

For example, when viewing an Expert entry, users can immediately identify the Solutions associated with that expert, as well as any Success Stories to which the expert has contributed. Similar cross-references are available throughout the catalogue, enabling users to navigate seamlessly between related entities.

Authorized users may modify all editable attributes of an entry, including its content, address information, and associated images. In addition, they can manage copyright information and designate a featured image. The featured image is used as the primary visual representation of the entry throughout the application.

Experts: An expert represents a person or organization operating within the real estate domain. Within the application, experts are used as a functional concept to categorize and manage domain participants involved in different aspects of the ecosystem.

Experts are grouped into four main categories: supply side, demand side, financial side, and institutional side, reflecting their primary role in the real estate value chain. In addition, each expert can be associated with one or more predefined activities, such as Bank, Cluster, Contractor, Crowdfunding, Developer, Distributor, Housing association, Manufacturer, Municipality, and Reseller.

These classifications provide a structured way to describe an expert's role and enable consistent filtering, grouping, and analysis across the application.

Solutions: Solutions represent methods, technologies, or materials used for the retrofitting of real estate properties, including both residential and non-residential buildings. They describe interventions aimed at improving, modifying, or enhancing building performance in a structured and comparable way.

Within the application, solutions are organized using a layered classification system. Each solution is assigned to a high-level category such as Digital resources, Solutions & technology, or Methodologies and guidelines. These categories are further refined into more specific groups, including Building enhancement, Control, Database, Data repository, Envelope, HVAC, Manual, Monitoring, Platform, Processing service, RES, Structure, Tool, and User interaction (forums). This structure supports consistent classification, filtering, and retrieval of solutions throughout the application.

A solution is defined through a single solution component, which captures the specific scope of the intervention. This component can be edited via a structured form where a component and an associated element are selected from predefined options.

Available components include Automation, Envelope, HVAC, RES, and Windows, each further detailed by specific elements such as Batteries, Building Integrated Photovoltaic (BIPV), Control, Cooling, Dehumidification, Domestic Hot Water (DHW), Extension, Floor, Heating, Monitoring, New Balcony, New Pergola, New Shading, New Window, Photovoltaic, Roof Insulation, Solar Thermal, Ventilation, and Wall Insulation.

Within the application, the solution component is configured through a dedicated form that utilizes the same question set from the component wizard. This allows the system to derive or validate a solution as a potential outcome generated through the wizard-based configuration process.

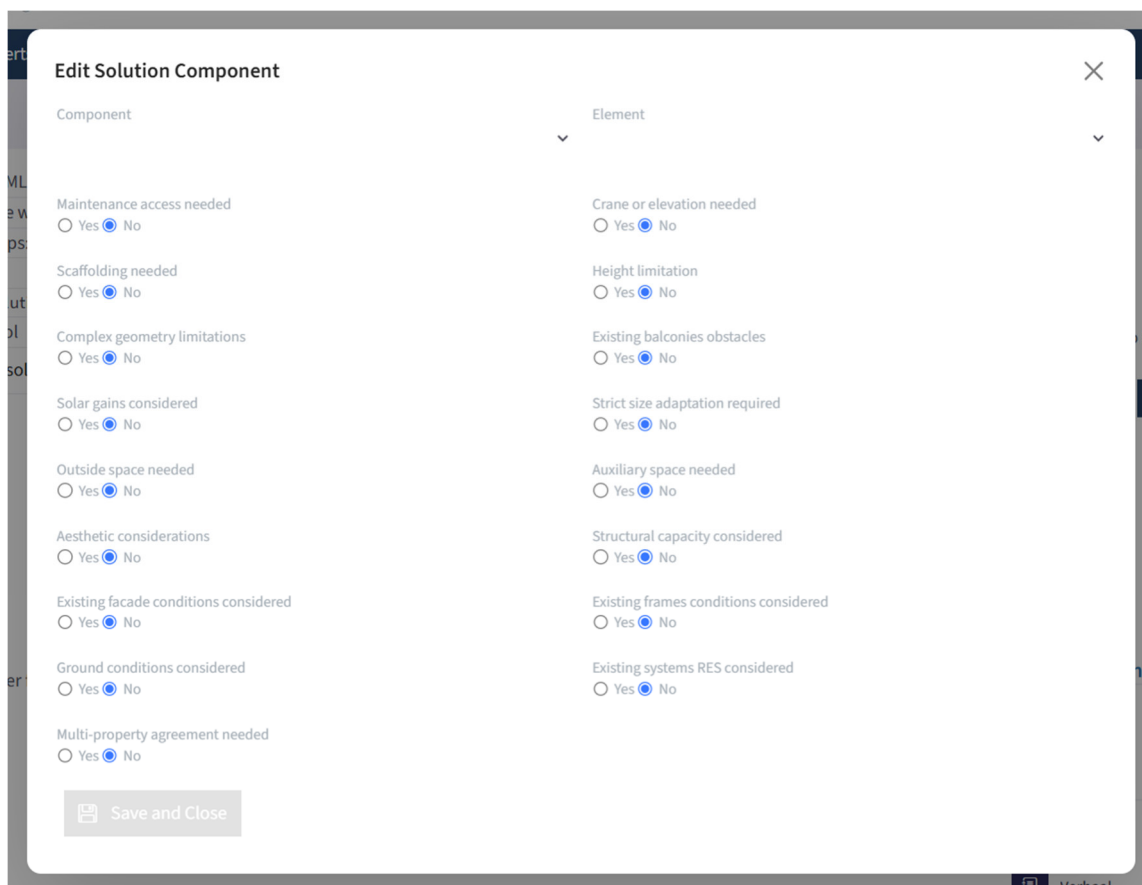


Figure 8.- Solution Component edit form.

Success stories: Success stories represent documented examples of successful real estate retrofit projects. They provide evidence of implemented renovation measures and their outcomes, enabling users to explore, compare, and learn from completed projects across different building types and contexts.

Within the application, each success story is described through a set of predefined metadata fields that support consistent classification, filtering, and analysis. These fields capture key characteristics of the retrofit project and its associated building.

Each success story is classified by building type, either Residential or Non-Residential, and further described using a typology such as Educational, Healthcare, Office, Non-Residential (Other), Single Family House, or Small Multi-Family House.

It also records the building state, distinguishing between the Original and Renovated conditions.

These classifications provide a structured way to document retrofit projects and support comparison of successful renovation examples across the application.

External resources: External resources provide links to third-party platforms, repositories, and projects relevant to the real estate retrofit ecosystem.

Within the application, resources are categorized as Platform, Repository, or Project to support consistent organization and navigation. Each resource contains a link to the corresponding external source and can be reordered by moving items up or down to control their display sequence.

Pop-up factories

Landing page: Pop-up factories are presented in the application through a dedicated landing page that introduces the overall concept and explains the differences between the available types: District factory, Satellite factory, Mobile On-site factory, and Assembly factory. The landing page also provides navigation links to the detailed pages for each factory type.

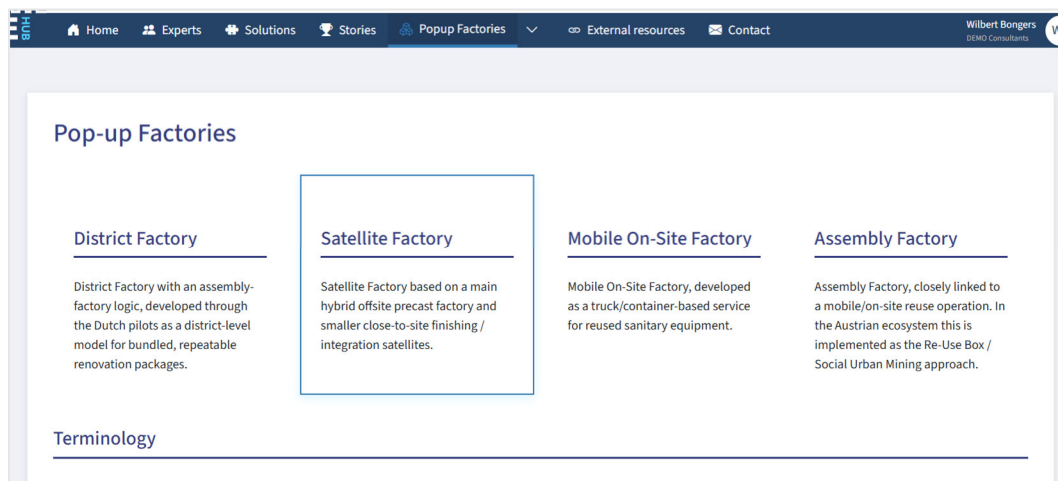


Figure 9.- Navigation landing page

Pop-up factory pages per type: Each pop-up factory type has its own detail page, which is generated through a data-driven approach. A service is responsible for retrieving and providing the content for these pages, using JSON files as the underlying data source. These files are parsed to populate the page content dynamically.

Wizards

The Wizard functionality is designed to support users—particularly non-experts—in navigating complex renovation processes through a structured, step-by-step workflow. In contrast to a catalogue-based approach, which encourages free exploration, the wizard guides users through a predefined decision-making process, presenting relevant information at each stage.



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AT.MFH.01_P	AT	RES	RES	PARTIAL	Before 1945	>1	DETACHED	NO	Your building	AT.MFH.03_F	4100	140	60	55%	Terraced bu	10	225	0	0	13	0	0	13	0	0	0	31,35	33	0	0	0	0	0	0	0	0	0	
AT.AB.01_P	AT	RES	RES	PARTIAL	Before 1945	>1	DETACHED	NO	Your building	AT.AB.03_P	1750	140	60	55%	Isolated bui	10	225	0	0	13	0	0	13	0	0	0	31,35	33	0	0	0	0	0	0	0	0	0	
AT.MFH.02_P	AT	RES	RES	PARTIAL	1945-60	>1	DETACHED	NO	Your building	AT.MFH.03_F	4100	130	60	55%	Terraced bu	10	225	0	0	13	0	0	13	0	0	0	31,35	33	0	0	0	0	0	0	0	0	0	
AT.AB.02_P	AT	RES	RES	PARTIAL	1945-60	>1	DETACHED	NO	Your building	AT.AB.03_P	1750	130	60	55%	Isolated bui	10	225	0	0	13	0	0	13	0	0	0	31,35	33	0	0	0	0	0	0	0	0	0	
AT.MFH.03_AT	AT	RES	RES	PARTIAL	1961-80	>1	DETACHED	YES	Your buildi	AT.MFH.03	4100	125	60	50%	Terraced	10	225	0	0	13	0	0	13	0	0	0	31,35	33	0	0	0	0	0	0	0	0	0	
AT.AB.03_P	AT	RES	RES	PARTIAL	1961-80	>1	DETACHED	YES	Your buildi	AT.AB.03_P	1750	125	60	50%	Isolated b	10	225	0	0	13	0	0	13	0	0	0	31,35	33	0	0	0	0	0	0	0	0	0	
AT.MFH.04_P	AT	RES	RES	PARTIAL	1981-90	>1	DETACHED	NO	Your building	AT.MFH.03_F	4100	90	60	35%	Terraced bu	10	225	0	0	13	0	0	13	0	0	0	31,35	33	0	0	0	0	0	0	0	0	0	
AT.AB.04_P	AT	RES	RES	PARTIAL	1981-90	>1	DETACHED	NO	Your building	AT.AB.03_P	1750	90	60	35%	Isolated bui	10	225	0	0	13	0	0	13	0	0	0	31,35	33	0	0	0	0	0	0	0	0	0	
AT.MFH.05_P	AT	RES	RES	PARTIAL	1991-2000	>1	DETACHED	NO	Your building	AT.MFH.03_F	4100	80	60	25%	Terraced bu	10	225	0	0	13	0	0	13	0	0	0	31,35	33	0	0	0	0	0	0	0	0	0	
AT.AB.05_P	AT	RES	RES	PARTIAL	1991-2000	>1	DETACHED	NO	Your building	AT.AB.03_P	1750	80	60	25%	Isolated bui	10	225	0	0	13	0	0	13	0	0	0	31,35	33	0	0	0	0	0	0	0	0	0	
AT.MFH.06_P	AT	RES	RES	PARTIAL	After 2001	>1	DETACHED	NO	Your building	AT.MFH.03_F	4100	70	60	15%	Terraced bu	10	225	0	0	13	0	0	13	0	0	0	31,35	33	0	0	0	0	0	0	0	0	0	
AT.AB.06_P	AT	RES	RES	PARTIAL	After 2001	>1	DETACHED	NO	Your building	AT.AB.03_P	1750	70	60	15%	Isolated bui	10	225	0	0	13	0	0	13	0	0	0	31,35	33	0	0	0	0	0	0	0	0	0	
AT.TH.01_D	AT	RES	RES	DEEP	Before 1945	>1	DETACHED	NO	Your building	AT.AB.03_D	1400	40	70%	Isolated bui	1	800	11	10	0	0	0	20	0	0	0	21	30,35	30,35	0	0	0	0	0	0	0	0	0	0
AT.SFH.01_D	AT	RES	RES	DEEP	Before 1945	>1	DETACHED	NO	Your building	AT.AB.03_D	1400	40	70%	Isolated bui	1	800	11	10	0	0	0	20	0	0	0	21	30,35	30,35	0	0	0	0	0	0	0	0	0	0
AT.TH.02_D	AT	RES	RES	DEEP	1945-60	>1	DETACHED	NO	Your building	AT.MFH.03_D	130	40	70%	Terraced bu	1	800	11	10	0	0	0	20	0	0	0	21	30,35	30,35	0	0	0	0	0	0	0	0	0	0
AT.SFH.02_D	AT	RES	RES	DEEP	1945-60	>1	DETACHED	NO	Your building	AT.AB.03_D	130	40	70%	Isolated bui	1	800	11	10	0	0	0	20	0	0	0	21	30,35	30,35	0	0	0	0	0	0	0	0	0	0
AT.TH.03_D	AT	RES	RES	DEEP	1961-80	>1	DETACHED	NO	Your building	AT.MFH.03_D	125	40	70%	Terraced bu	1	800	11	10	0	0	0	20	0	0	0	21	30,35	30,35	0	0	0	0	0	0	0	0	0	0
AT.SFH.03_D	AT	RES	RES	DEEP	1961-80	>1	DETACHED	NO	Your building	AT.AB.03_D	125	40	70%	Isolated bui	1	800	11	10	0	0	0	20	0	0	0	21	30,35	30,35	0	0	0	0	0	0	0	0	0	0
AT.TH.04_D	AT	RES	RES	DEEP	1981-90	>1	DETACHED	NO	Your building	AT.MFH.03_D	90	40	55%	Terraced bu	1	800	11	10	0	0	0	20	0	0	0	21	30,35	30,35	0	0	0	0	0	0	0	0	0	0
AT.SFH.04_D	AT	RES	RES	DEEP	1981-90	>1	DETACHED	NO	Your building	AT.AB.03_D	90	40	55%	Isolated bui	1	800	11	10	0	0	0	20	0	0	0	21	30,35	30,35	0	0	0	0	0	0	0	0	0	0
AT.TH.05_D	AT	RES	RES	DEEP	1991-2000	>1	DETACHED	NO	Your building	AT.MFH.03_D	80	40	50%	Terraced bu	1	800	11	10	0	0	0	20	0	0	0	21	30,35	30,35	0	0	0	0	0	0	0	0	0	0
AT.SFH.05_D	AT	RES	RES	DEEP	1991-2000	>1	DETACHED	NO	Your building	AT.AB.03_D	80	40	50%	Isolated bui	1	800	11	10	0	0	0	20	0	0	0	21	30,35	30,35	0	0	0	0	0	0	0	0	0	0
AT.TH.06_D	AT	RES	RES	DEEP	After 2001	>1	DETACHED	NO	Your building	AT.MFH.03_D	70	40	45%	Terraced bu	1	800	11	10	0	0	0	20	0	0	0	21	30,35	30,35	0	0	0	0	0	0	0	0	0	0
AT.SFH.06_D	AT	RES	RES	DEEP	After 2001	>1	DETACHED	NO	Your building	AT.AB.03_D	70	40	45%	Isolated bui	1	800	11	10	0	0	0	20	0	0	0	21	30,35	30,35	0	0	0	0	0	0	0	0	0	0
AT.TH.01_P	AT	RES	RES	PARTIAL	Before 1945	>1	DETACHED	NO	Your building	AT.MFH.03_P	140	60	55%	Terraced bu	1	225	0	0	13	0	0	13	0	0	0	31,35	33	0	0	0	0	0	0	0	0	0	0	
AT.SFH.01_P	AT	RES	RES	PARTIAL	Before 1945	>1	DETACHED	NO	Your building	AT.AB.03_P	140	60	55%	Isolated bui	1	225	0	0	13	0	0	13	0	0	0	31,35	33	0	0	0	0	0	0	0	0	0	0	
AT.TH.02_P	AT	RES	RES	PARTIAL	1945-60	>1	DETACHED	NO	Your building	AT.MFH.03_P	130	60	55%	Terraced bu	1	225	0	0	13	0	0	13	0	0	0	31,35	33	0	0	0	0	0	0	0	0	0	0	
AT.SFH.02_P	AT	RES	RES	PARTIAL	1945-60	>1	DETACHED	NO	Your building	AT.AB.03_P	130	60	55%	Isolated bui	1	225	0	0	13	0	0	13	0	0	0	31,35	33	0	0	0	0	0	0	0	0	0	0	
AT.TH.03_P	AT	RES	RES	PARTIAL	1961-80	>1	DETACHED	NO	Your building	AT.MFH.03_P	125	60	50%	Terraced bu	1	225	0	0	13	0	0	13	0	0	0	31,35	33	0	0	0	0	0	0	0	0	0	0	
AT.SFH.03_P	AT	RES	RES	PARTIAL	1961-80	>1	DETACHED	NO	Your building	AT.AB.03_P	125	60	50%	Isolated bui	1	225	0	0	13	0	0	13	0	0	0	31,35	33	0	0	0	0	0	0	0	0	0	0	
AT.TH.04_P	AT	RES	RES	PARTIAL	1981-90	>1	DETACHED	NO	Your building	AT.MFH.03_P	90	60	35%	Terraced bu	1	225	0	0	13	0	0	13	0	0	0	31,35	33	0	0	0	0	0	0	0	0	0	0	
AT.SFH.04_P	AT	RES	RES	PARTIAL	1981-90	>1	DETACHED	NO	Your building	AT.AB.03_P	90	60	35%	Isolated bui	1	225	0	0	13	0	0	13	0	0	0	31,35	33	0	0	0	0	0	0	0	0	0	0	
AT.TH.05_P	AT	RES	RES	PARTIAL	1991-2000	>1	DETACHED	NO	Your building	AT.MFH.03_P	80	60	25%	Terraced bu	1	225	0	0	13	0	0	13	0	0	0	31,35	33	0	0	0	0	0	0	0	0	0	0	
AT.SFH.05_P	AT	RES	RES	PARTIAL	1991-2000	>1	DETACHED	NO	Your building	AT.AB.03_P	80	60	25%	Isolated bui	1	225	0	0	13	0	0	13	0	0	0	31,35	33	0	0	0	0	0	0	0	0	0	0	
AT.TH.06_P	AT	RES	RES	PARTIAL	After 2001	>1	DETACHED	NO	Your building	AT.MFH.03_P	70	60	15%	Terraced bu	1	225	0	0	13	0	0	13	0	0	0	31,35	33	0	0	0	0	0	0	0	0	0	0	
AT.SFH.06_P	AT	RES	RES	PARTIAL	After 2001	>1	DETACHED	NO	Your building	AT.AB.03_P	70	60	15%	Isolated bui	1	225	0	0	13	0	0	13	0	0	0	31,35	33	0	0	0	0	0	0	0	0	0	0	
AT.EDU.0_D	AT	non-f	Scho	DEEP	After 2001	>1	DETACHED	YES	Your buildi	AT.EDU.0_D	4000	100	40	60%	Isolated bui	1	1000	0	0	10	0	0	20	0	0	0	30	30	36	40	0	0	0	0	0	0	0	
AT.ADM.0_D	AT	non-f	Office	DEEP	After 2001	>1	DETACHED	YES	Your buildi	AT.ADM.0_D	2400	100	40	60%	Isolated bui	1	1300	0	0	10	0	0	20	0	0	0	30	30	36	40	0	0	0	0	0	0	0	
AT.EDU.0_P	AT	non-f	Scho	PARTIAL	Before 1945	>1	DETACHED	NO	Your building has the potenti	FR.AB.02_D	4000	100	60	40%	Isolated bui	1	1300	0	0	10	0	0	20	0	0	0	30	30	36	40	0	0	0	0	0	0	0	
AT.ADM.0_P	AT	non-f	Office	PARTIAL	Before 1945	>1	DETACHED	NO	Your building has the potenti	FR.AB.02_D	2400	100	60	40%	Isolated bui	1	1300	0	0	10	0	0	20	0	0	0	30	30	36	40	0	0	0	0	0	0	0	
FR.AB.01_D	FR	RES	RES	DEEP	Before 1948	>1	DETACHED	NO	Your building	FR.AB.02_D	10000	172	60	65%	Isolated bui	1	11,12	10	0	0	20	22	21	20	22	21	30,35	30,35	0	40	50	60	0	70	71	80		
FR.AB.02_D	FR	RES	RES	DEEP	1949-1974	>1	DETACHED	YES	Your buildi	FR.AB.02_D	10000	172	60	65%	Isolated bui	1	11,12	10	0	0	20	22	21	20	22	21	30,35	30,35	0	40	50	60	0	70	71	80		
FR.AB																																						

By breaking down complex tasks into manageable steps, the wizard reduces cognitive load and helps users maintain focus throughout the process. This structured approach minimizes the risk of errors, improves usability, and facilitates informed decision-making. As a result, users can engage with renovation scenarios more efficiently and with greater confidence, regardless of their level of expertise.

The wizard framework that has been created for this project provides a standardized and configurable foundation for creating wizards within the application. It supports configurable timelines, multiple input types, branching logic, and queries, enabling the rapid development of guided workflows for different use cases.

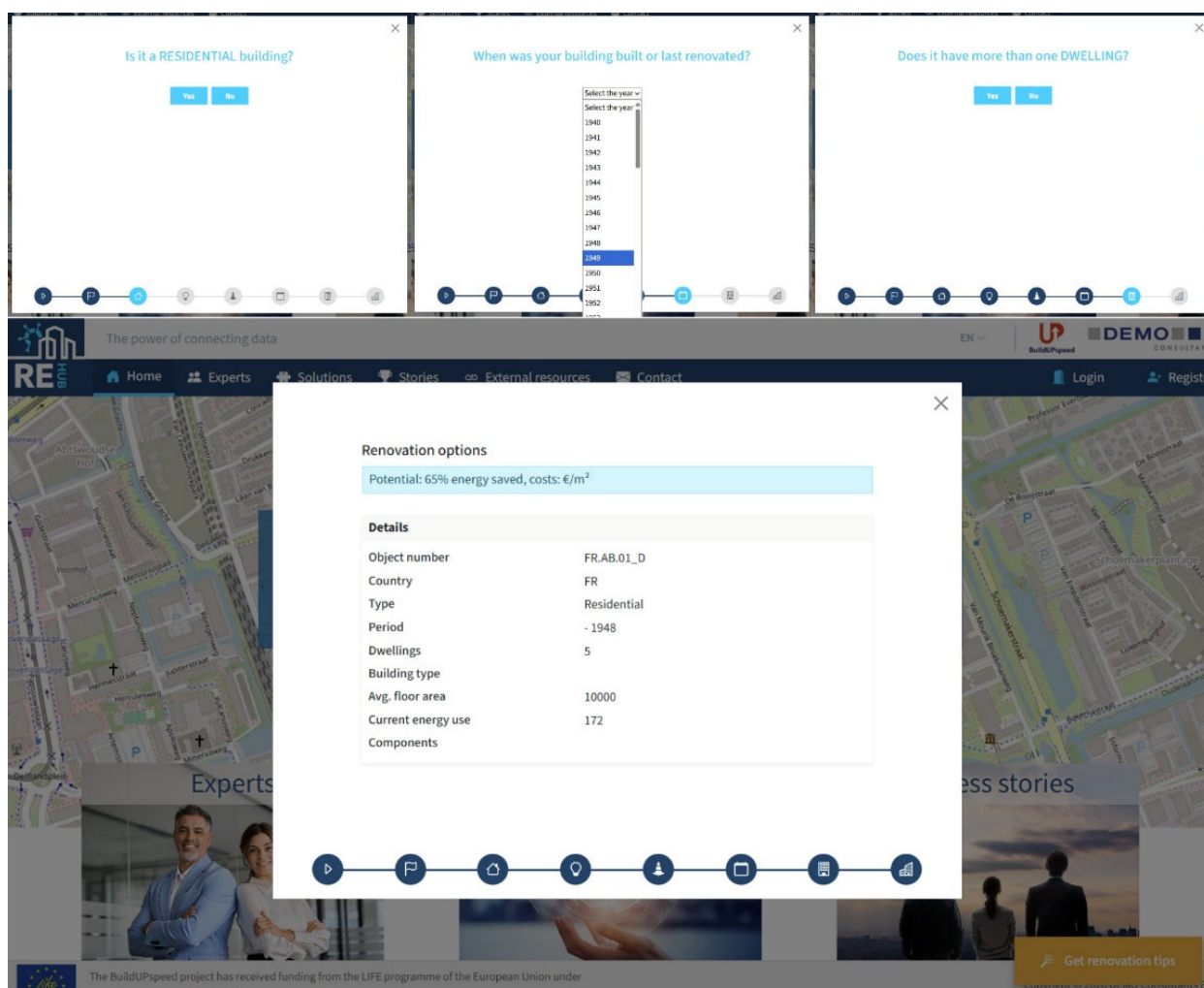


Figure 11.- Building wizard screenshots

Building wizard: The building wizard is intended for users who do not yet know which building elements they want to renovate. After indicating that they are unsure about the renovation scope, users are guided through a predefined set of questions to collect building characteristics and requirements.

Purpose

Select the purposes that describe your pop-up factory's function.

1 / 7

Continue

Supports more extensive manufacturing facilities by producing components or products in a more decentralised manner on a local scale.

Assembles (prefabricated) components locally.

Provides specific services related to construction and renovation projects.

Produces customized components on site.

Aims to create jobs and boost economic growth locally.

Provides JIT (Just-In-Time) delivery for specific projects.

Design

Describe the physical configuration and technological setup of your factory.

2 / 7

Continue

Mobile, easily transportable structure.

Semi-permanent structure.

Temporary structure.

Permanent structure.

Uses innovative and flexible manufacturing processes.

High level of automation and precision.

Uses sustainable and eco-friendly solutions.

Scale

Indicate the scale of production or assembly operations.

3 / 4

Continue

Large-scale manufacturing.

Small-, medium-scale manufacturing.

Large-scale assembling.

Small-, medium-scale assembling.

Location

Specify the geographical positioning relative to the construction site.

4 / 4

Continue

Near the construction site (on-site).

District level.

Within proximity (regional level).

Off-site (away from the construction site).

Result

Your matching pop-up factory type(s).

District Factory

District Factory with an assembly-factory logic, developed through the Dutch pilots as a district-level model for bundled, repeatable renovation packages.

Figure 12.- Pop-up factory wizard screenshots



Based on the provided answers, the system queries the building database and identifies example buildings that match the selected criteria. The collected responses are used to filter and refine the search results, enabling the selection of the most relevant building examples. Based on the identified building, the application provides an indication of the potential energy savings that could be achieved through a deep renovation, helping users understand the impact of possible renovation measures.

Component wizard: Before starting the component wizard, users are asked whether they already know what they want to renovate. If the answer is no, they are guided through an alternative exploratory flow. If the answer is yes, they proceed to the component wizard.

The component wizard is used to retrieve the most suitable Solutions based on a configured SolutionComponent. It applies the parameters defined in the SolutionComponent to query the database and identify matching Solutions.

Based on the selected component and sub-component combination, the wizard dynamically determines which questions are relevant and displays only those required for the specific configuration. The collected responses are used to refine the SolutionComponent settings, ensuring that the resulting query accurately reflects the selected retrofit context.

The questionnaire is structured into thematic categories, including access and construction requirements, physical and spatial constraints, technical and structural conditions, design and performance considerations, and organizational and coordination factors.

Pop-up factory wizard: The Pop-up Factory Wizard (Figure 12) is a multi-step, questionnaire-based tool that helps determine the most suitable type of pop-up factory for construction and retrofitting projects. It guides users through a structured decision process to identify the best-fitting factory model based on project requirements.

The wizard supports four factory types: Mobile On-Site (on- or near-site production and assembly), Satellite (near-site adaptation and assembly), District (regional-scale integration), and Assembly (assembly-focused operations at district or nearby locations).

A scoring-based mapping system translates user responses into a ranked match between requirements and factory types.

The questionnaire is organized into four thematic steps covering purpose, design, scale, and location, each contributing to the final matching logic. Users can navigate through the steps, revise answers, and receive a final result that presents the most suitable factory type(s) with an explanation of the match.

General pages and features

Home page: The landing page is a static entry point to the application, providing quick navigation and global search functionality across the platform.



It features three primary navigation tiles that link directly to the Expert, Solution, and Success Story overview pages, mirroring the structure of the main menu. In addition, a global search bar enables users to search across the entire catalogue for relevant content.

A prominent banner highlights BuildUPspeed, serving as an informational and contextual entry point to the platform's purpose and scope.

Contact form: The contact form enables users to get in touch with the BuildUPspeed Market Activation Team. It provides a structured way to submit inquiries, feedback, or support requests related to the platform.

Users can include a message and select a category to classify the inquiry, ensuring that requests are correctly routed and efficiently handled by the appropriate team.

Multi-lingual support: The application supports two languages: English and Dutch. All interface elements, including menus, buttons, hover texts and wizard content, are fully translated.

Language preference is stored in a cookie to ensure a consistent experience across sessions. If no cookie is present, the application defaults to the browser language. When the detected or stored language is not supported, the system falls back to English as the default language.

Elaboration assistance: The interface provides descriptive hover text to help users understand the meaning and purpose of different fields. These contextual hints support usability by offering additional guidance directly within the interface without requiring users to leave the current view

2.2.4 Validation

The validation of the Market Activation Platform (MAP) followed the same iterative logic as the overall development process described in the previous chapters. This section focuses on the validation approach followed during development, the feedback loops established with the consortium, and the way in which feedback was translated into subsequent software improvements. In summary, validation was carried out as a continuous process across the five major platform releases, supported by internal testing, consortium feedback, structured expert review by IVE, helpdesk-based issue handling, and a hands-on General Assembly workshop.

The starting point for the software development and validation was the MAP framework defined in Deliverable 3.1. D3.1 established the conceptual and functional basis of the platform, including the background analysis, functional requirements and use cases, relevant data sources and references, user journey, solutions integration approach, functional mock-ups and prototype. These inputs were translated into development tasks and user stories, each describing the intended functionality, expected user interaction and acceptance criteria. Implemented features were then checked against these requirements through internal functional testing, code review and iterative bug fixing.



After each major release, the implemented functionality was reviewed in relation to the intended MAP concept and user journey. In addition to the five major releases, minor internal releases were used to address bugs, small improvements and partner recommendations between the main development milestones. This allowed the platform to evolve gradually while keeping the development aligned with the functional requirements, use cases and user experience defined in D3.1.

From the second consortium-accessible release onwards (Prototype v2), partners were able to log in, test the platform and populate the database with experts, solutions and success stories. This enabled validation under more realistic use conditions, as partners interacted with both the visitor-facing parts of the platform and the authenticated-user functions for adding and editing content. Bugs, usability issues and questions were reported through DEMO Consultants' helpdesk communication. These issues were reviewed by the development team, reproduced where possible, and either corrected directly or added to the development backlog for a later release.

Validation was also carried out through recurring project meetings. Work package leader meetings were used to demonstrate newly implemented features, discuss open issues and collect feedback from the partners involved in MAP development and content population. These meetings took place on a monthly basis and became more frequent in the final development period. General Assembly meetings provided additional opportunities to present the platform to the wider consortium and collect feedback on usability, functionality and content structure.

A dedicated hands-on workshop was held during the General Assembly on 24 March 2026. During this workshop, IVE, as the work package leader MAP concept developer, demonstrated the platform to the consortium and guided partners through the data-population process. This workshop allowed partners to test the platform directly, while DMO and IVE could observe how users interacted with the catalogue structure, navigation, forms and data-entry workflow. The feedback collected during and after this workshop was consolidated and used as input for the following development iterations.

IVE played a central role in the validation process. As the concept developer of the MAP, IVE was continuously involved in feedback discussions and helped consolidate bugs, missing functional requirements, usability issues and improvement wishes among consortium members. Two structured IVE evaluation rounds were especially important for the platform development and are included in Appendix A and Appendix B. These evaluation rounds were documented through presentation material, written feedback and reports shared by email, and follow-up bilateral meetings between IVE and DMO. The first evaluation round focused on the overall T3.3 development direction and positioned the MAP around three main development areas: Catalogue, Connections and Wizards. It also identified follow-up actions related to bug fixing, user feedback, content population, workshop preparation, feedback forms, landing pages, user management and platform use. The second evaluation round provided more detailed visitor and registered-user feedback. It addressed issues such as navigation structure, grouping of catalogues, links and wizards, map and search behaviour, presentation of related experts, solutions and success stories, image requirements,



contact and feedback options, login and user creation, content-entry options, editing permissions, result limits, media proportions and session behaviour.

The feedback received through DEMO Consultants' helpdesk communication, meetings, bilateral exchanges with IVE and the General Assembly workshop was processed through an internal prioritization workflow. DMO consolidated the feedback and discussed it with IVE where needed. The *MoSCoW principle* was used to distinguish between must-have, should-have, could-have and lower-priority items. Critical bugs and essential functional requirements were prioritized first, while lower-priority wishes were implemented where feasible or documented as recommendations for future improvement.

Overall, the MAP was validated through a combination of technical testing, consortium use, structured expert evaluation and iterative feedback processing. This ensured that the final platform was not only technically functional, but also aligned with the MAP concept, the functional requirements and use cases defined in D3.1, and the practical needs identified by consortium partners during testing and data population. The two IVE feedback documents included in the appendices provide the main supporting evidence for the formal expert validation rounds that shaped the later development iterations. In addition, according to the evaluation protocols developed within WP3, an external evaluation of the MAP was conducted in five BuildUPspeed ecosystems within WP5 and consolidated in Deliverable 5.2.



3 Guidelines

Purpose of this guide

This document provides practical guidance for using the BuildUPspeed Market Activation Platform (B-MAP). It is intended to help users understand the purpose of the platform, navigate its different functionalities, and make effective use of the available resources to support industrialised renovation projects.

Rather than describing the technical development of the platform, this guide focuses on the user experience. It explains how to explore the available information, use the interactive tools, and identify relevant solutions, experts and renovation examples according to the user's needs.

Relationship with Deliverables D3.1 and D3.2

This guide complements the technical documentation developed within Work Package 3. Deliverable D3.1 describes the conceptual definition of the BuildUPspeed Market Activation Platform, including the analysis of stakeholder needs, functional requirements, use cases and user journeys that guided its design. Initial sections of Deliverable D3.2 present the implementation of the platform, including its architecture, data model, functionalities, prototype development and validation activities.

The guidelines below are intended as a practical companion for end users. Instead of explaining how the platform was designed or implemented, it focuses on how to use the available functionalities effectively in real renovation-related activities.

About the BuildUPspeed Market Activation Platform

The BuildUPspeed Market Activation Platform (B-MAP) is a web-based digital environment developed to facilitate the adoption of industrialised renovation solutions across Europe. Rather than acting as a simple repository of information, the platform connects renovation needs with available solutions, experts, success stories and supporting resources, helping users identify the most relevant options for their specific context.

The platform supports the transition towards faster, higher-quality and more sustainable renovation processes by improving access to knowledge and strengthening collaboration among stakeholders throughout the renovation value chain.

Objectives

The main objectives of the B-MAP are to:

- increase the visibility of industrialised renovation solutions;
- facilitate access to experts, successful examples and supporting resources;
- help users identify solutions adapted to their buildings and local market conditions;
- promote collaboration between demand and supply side stakeholders;
- support informed decision-making throughout renovation projects.



Target users

The platform has been designed for multiple stakeholder groups involved in building renovation, including property owners, housing organisations, public authorities, designers, contractors, manufacturers, researchers and innovation actors.

Different functionalities are available depending on the user's interests. While experienced professionals can directly explore catalogues and technical information, less experienced users can benefit from guided workflows that simplify the discovery of suitable renovation solutions.

Main concepts

The B-MAP is organised around several complementary resources:

- **Solutions**, presenting industrialised renovation products and technologies.
- **Experts**, providing access to organisations and professionals active in the sector.
- **Success Stories**, showcasing real renovation projects and practical experiences.
- **Connections**, linking users to additional external initiatives and relevant resources.
- **Wizards**, offering guided pathways that help users identify renovation opportunities and suitable solutions according to their specific needs.

Together, these resources create an interconnected environment where users can discover information, compare alternatives and establish links between buildings, technologies and stakeholders.

Industrialised renovation

Industrialised renovation is based on the use of prefabricated systems, standardised processes and digital technologies to improve the efficiency, quality and scalability of building renovation.

Compared with conventional renovation approaches, industrialised solutions can reduce construction time, minimise disruption for occupants, improve quality control and contribute to more sustainable renovation processes.

The B-MAP promotes these solutions by making them easier to discover, understand and compare through a user-friendly digital platform.

Supporting decision-making

One of the main strengths of the B-MAP is its ability to transform dispersed information into practical knowledge.

Instead of requiring users to search across multiple independent sources, the platform brings together renovation solutions, experts, reference projects and supporting resources within a single environment. Through search functions, filters and guided workflows, users can progressively identify the options that best match their building characteristics, renovation objectives and local market conditions.

In this way, the platform supports informed decision-making for both individual renovation projects and broader market development activities.



Who should use this guide

The BuildUPspeed Market Activation Platform has been designed for a wide range of stakeholders involved in building renovation and the promotion of industrialised construction solutions, including:

- Building owners and homeowners interested in renovation opportunities.
- Housing managers and social housing organisations.
- Architects, engineers and technical consultants.
- Contractors, manufacturers and solution providers.
- Public authorities and policy makers.
- Researchers, innovation organisations and training providers.

The platform offers different navigation paths depending on the user's objectives and level of expertise, allowing both experienced professionals and newcomers to benefit from its resources.

Depending on their role, users may interact with the platform in different ways. While visitors can freely browse the available catalogues and use the decision-support tools, registered users are able to contribute to the platform by creating, editing and maintaining catalogue content, ensuring that solutions, experts and success stories remain up to date and connected to the platform's Wizards.

3.1 *Getting Started*

The B-MAP is not only a platform for discovering knowledge, but also a collaborative environment where authorised users can continuously enrich the information available to the renovation community.

This section explains how to access the BuildUPspeed Market Activation Platform (B-MAP) and become familiar with its main interface. The homepage provides direct access to the platform's core resources and serves as the starting point for exploring industrialised renovation solutions, experts, success stories and supporting information.

The BuildUPspeed Market Activation Platform is a web-based application and can be accessed using any modern web browser.

<https://busmap.demobv.nl/platform>

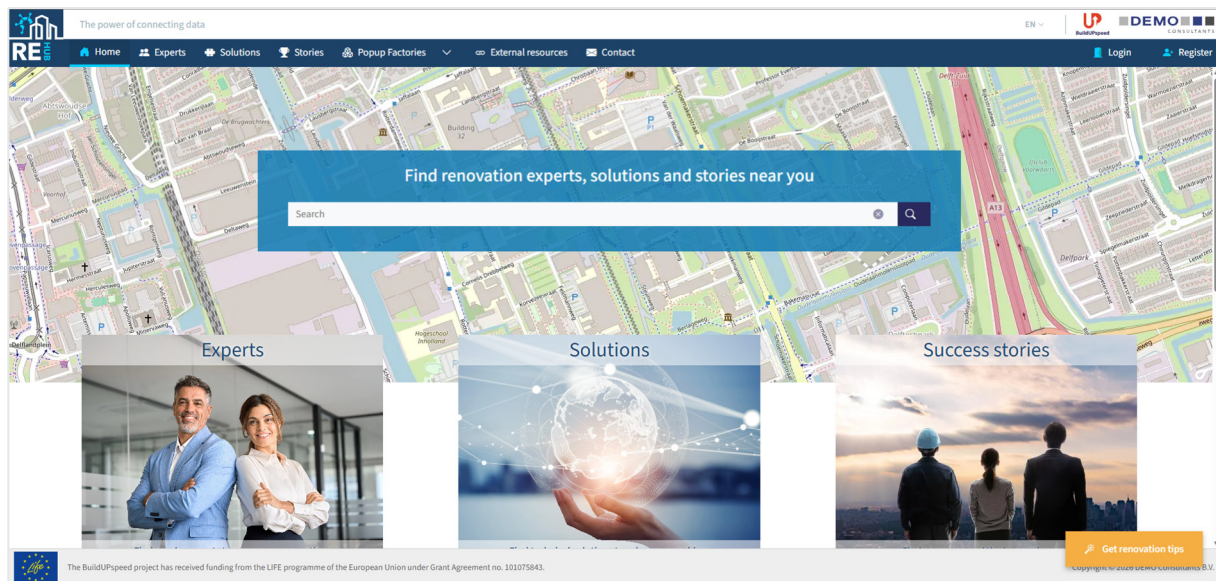
The platform is publicly accessible and most of its content can be explored without registration. Users wishing to access additional functionalities may log in or create an account using the **Login** and **Register** options available in the upper-right corner of the homepage.

Once authenticated, registered users gain access to additional content management functionalities that allow them to create, edit and remove entries within the platform catalogues.

Users can also select their preferred language from the language selector located next to the login area.

Home Page

The Home page is the main entry point to the B-MAP. It provides an overview of the platform and quick access to its principal resources.



Screenshot 1.- Landing page

The homepage is organised around four main elements:

- ① **Navigation menu:** Located at the top of the page, the navigation bar provides access to all the main sections of the platform.
- ② **Search box:** The central search bar allows users to search for experts, solutions and success stories using keywords.
- ③ **Main resource cards:** Three large cards provide direct access to the platform's core catalogues:
 - **Experts**
 - **Solutions**
 - **Success Stories**

These sections represent the main knowledge base of the B-MAP.

- ④ **Renovation Tips:** The Get Renovation Tips button launches a guided assistant that helps users identify suitable renovation approaches according to their needs.

Navigation Menu

The navigation menu remains available throughout the platform, allowing users to move quickly between the different sections.

Menu	Description
Home	Return to the homepage.
Experts	Browse organisations and professionals involved in industrialised renovation.
Solutions	Explore technical solutions, products and renovation systems.
Stories	Discover completed renovation projects and practical experiences.
Popup factories	Discover the concept and the different blueprints
External Resources	Access additional projects, platforms and useful references related to industrialised renovation.
Contact	Contact the BuildUPspeed team or obtain further information.

Figure 13.- Navigation menu content

Main Sections

The homepage provides direct access to the three principal catalogues that constitute the core of the BuildUPspeed Market Activation Platform.

- **Experts:** The Experts catalogue contains organisations and professionals with expertise in industrialised renovation. Users can identify relevant actors according to their location, expertise and role within the renovation value chain.
- **Solutions:** The Solutions catalogue presents industrialised renovation technologies, products and systems. Each solution includes technical information that helps users understand its characteristics and potential application.
- **Success Stories:** The Success Stories catalogue showcases completed renovation projects demonstrating the practical implementation of industrialised renovation solutions. These examples provide inspiration and illustrate how different technologies have been successfully applied in real buildings.

Tip: If you are using the platform for the first time, begin by exploring the **Experts**, **Solutions** and **Success Stories** catalogues. These three sections provide the foundation for understanding the resources available within the B-MAP before using the guided Wizards described in the following chapters.

3.2 Exploring the B-MAP

Once familiar with the homepage and navigation menu, users can begin exploring the resources available within the BuildUPspeed Market Activation Platform. As introduced in Section 3.1, the homepage provides direct access to the platform's main catalogues and functionalities. This section explains how each catalogue is organised and how users can efficiently locate the information most relevant to their renovation projects or professional activities.



3.2.1 User Accounts

The BuildUPspeed Market Activation Platform has been designed both as a knowledge platform and as a collaborative environment. Consequently, it supports two different types of users, each with specific functionalities.

- **Visitors** can freely browse the platform without registration. They can search and explore the available catalogues, discover industrialised renovation solutions, consult success stories, identify relevant experts and use the platform's guided Wizards to support their decision-making.
- **Registered** users have access to additional content management functionalities. After creating an account and logging into the platform, authorised users can contribute to the continuous development of the B-MAP by creating, editing and removing entries within the Solutions, Experts and Success Stories catalogues.

This collaborative approach allows the platform to evolve over time, ensuring that new technologies, organisations and renovation examples can be progressively incorporated into the knowledge base. Newly created or updated catalogue entries become available throughout the platform and can be used by the Wizards when generating recommendations.

3.2.2 Home

The Home page acts as the entry point to the platform and provides direct access to all major resources through the navigation menu, the central search box and the main catalogue shortcuts described in Section 3.1.

From the homepage, users can either perform a keyword search or browse the available catalogues individually. Both approaches ultimately provide access to the same interconnected information, allowing users to move seamlessly between solutions, experts and success stories.

3.2.3 Catalogue

The Catalogue constitutes the core knowledge base of the BuildUPspeed Market Activation Platform. It organises information into three complementary catalogues that together provide a comprehensive overview of the industrialised renovation ecosystem.

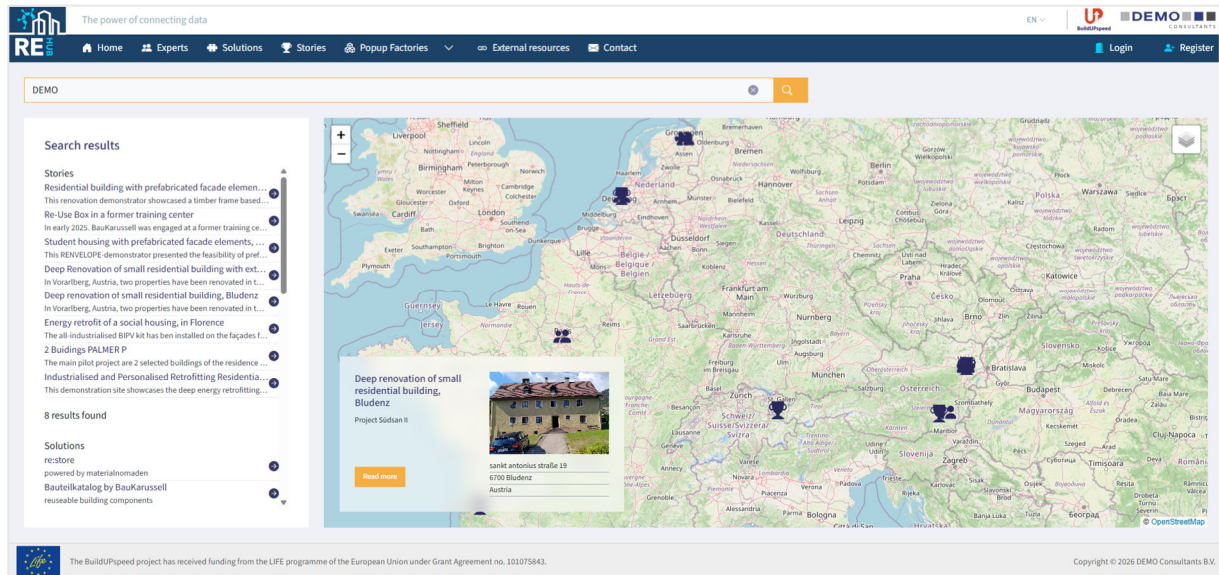
In addition to browsing the available information, registered users can contribute to the continuous development of the platform by managing catalogue content. Depending on their permissions, users may create new entries, edit existing information or remove obsolete content from the Solutions, Experts and Success Stories catalogues. Newly created or updated entries become part of the platform knowledge base and are automatically available for navigation and, where applicable, for use by the platform's guided Wizards.

Although each catalogue can be explored independently, they are interconnected. Users can move from a renovation solution to the organisations providing it, or from a



completed renovation project to the solutions and experts involved, creating a coherent navigation experience that supports informed decision-making.

The catalogues can be accessed either through the homepage cards or directly from the navigation menu.



Screenshot 2.- Catalogue search

Solutions

The Solutions catalogue contains industrialised renovation technologies, construction systems and products that can be applied to improve the energy performance, functionality and sustainability of existing buildings.

Registered users with the appropriate permissions may add new solutions, update existing entries or remove obsolete information. Maintaining complete and consistent information improves the quality of the recommendations generated throughout the platform.

Each solution is presented through a structured information card describing its main characteristics, intended applications and technical information. Typical information available includes:

- Solution name and description
- Building components addressed
- Technology category
- Industrialisation approach
- Related technical information
- Associated experts and organisations
- Related success stories

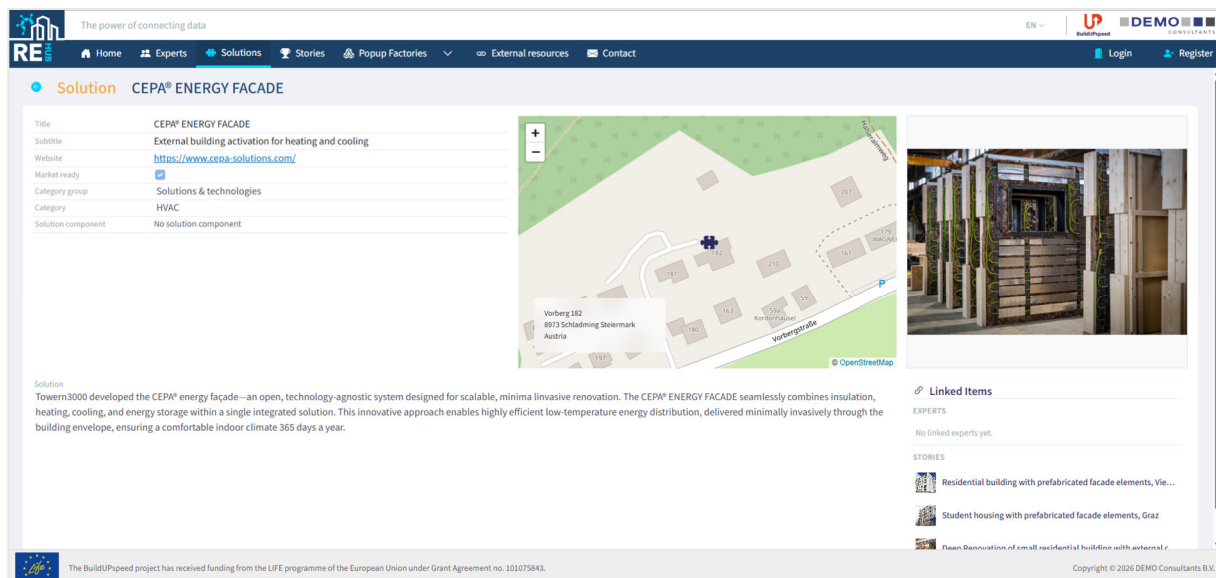
Searching for solutions

Solutions can be located using the search bar or by browsing the catalogue. Users may search by keywords describing:

- products
- technologies
- renovation components
- manufacturers
- solution names

Available filters

To simplify navigation, the catalogue includes filters that allow users to progressively narrow the list of available solutions according to their needs. Depending on the available information, filters may include aspects such as building component, technology type, application area or geographical relevance.



The screenshot displays the 'CEPA® ENERGY FACADE' solution page. The header includes navigation links like Home, Experts, Solutions, Stories, and PopUp Factories. The main content area shows the solution details: Title (CEPA® ENERGY FACADE), Subtitle (External building activation for heating and cooling), Website (<https://www.cepa-solutions.com/>), Market ready (Yes), Category group (Solutions & technologies), Category (HVAC), and Solution component (No solution component). A map shows the location at Vorberg 182, 8973 Schladming Steiermark, Austria. A photo shows the facade of a building. The 'Linked Items' section on the right lists related projects: 'Residential building with prefabricated facade elements, Vie...', 'Student housing with prefabricated facade elements, Graz', and 'Renovation of a small residential building with external r...'. The footer mentions funding from the LIFE programme of the European Union under Grant Agreement no. 101075843.

Screenshot 3.- Solution information & interconnections

Typical uses

The Solutions catalogue is particularly useful for users wishing to:

- identify suitable industrialised renovation systems;
- compare different technical approaches;
- discover innovative products;
- explore technologies applicable to specific building components;
- identify organisations associated with particular solutions.

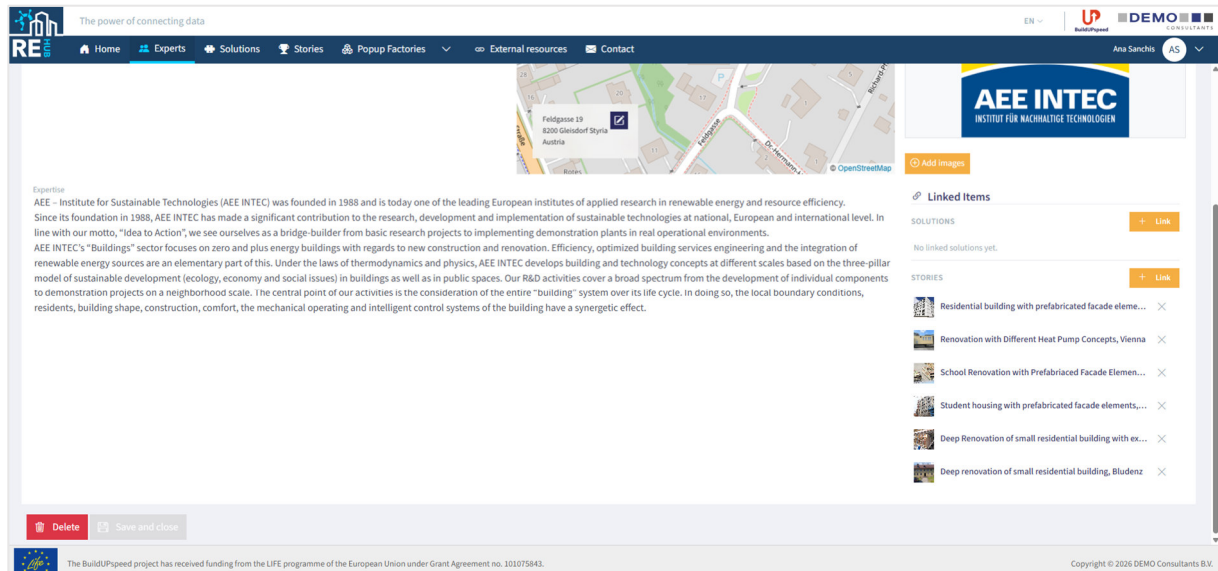
Experts

The Experts catalogue provides access to organisations and professionals active in industrialised renovation. It brings together manufacturers, contractors, consultants, research organisations and other stakeholders capable of supporting renovation projects across different stages of the value chain. Each expert profile includes



relevant organisational information together with links to associated solutions and renovation projects whenever available.

Registered users may manage expert profiles and organisational information, helping to maintain an up-to-date network of stakeholders involved in industrialised renovation.



Screenshot 4. - Editing expert data

Typical information available includes:

- Organisation name
- Type of organisation
- Areas of expertise
- Contact information
- Location
- Associated solutions
- Related success stories

Searching for experts

Experts can be searched using keywords such as:

- organisation name;
- expertise;
- technology;
- location;
- services offered.

Available filters

Users can refine search results using the available filtering options, facilitating the identification of organisations most relevant to their project or geographical area.

Typical uses



The Experts catalogue supports users wishing to:

- identify suitable technical partners;
- locate solution providers;
- discover organisations working in specific renovation fields;
- establish new collaborations within the renovation ecosystem.

Success Stories

The Success Stories catalogue presents completed renovation projects demonstrating the practical application of industrialised renovation solutions. These real-life examples illustrate how different technologies have been implemented under varying technical and geographical conditions, providing inspiration and practical references for future projects.

Registered users may contribute new renovation examples or update existing case studies, enriching the collection of reference projects available to other users.

Each success story combines descriptive information with links to the solutions and organisations involved whenever available.

Typical information available includes:

- Project description
- Building typology
- Renovation measures implemented
- Location
- Technologies applied
- Performance improvements
- Associated experts
- Related solutions

Searching for success stories

Projects can be searched by keywords or browsed according to their characteristics.

Users may explore projects based on:

- building type;
- renovation objectives;
- implemented technologies;
- geographical location.

Available filters

Filtering options enable users to identify projects sharing similar characteristics to their own buildings or renovation objectives, making it easier to locate relevant examples.

Typical uses

The Success Stories catalogue is particularly valuable for users wishing to:

- find inspiration for renovation projects;
- understand how industrialised solutions have been implemented in practice;
- compare renovation approaches;
- identify technologies successfully applied to similar buildings;
- discover organisations involved in completed projects.

3.2.4 Connections

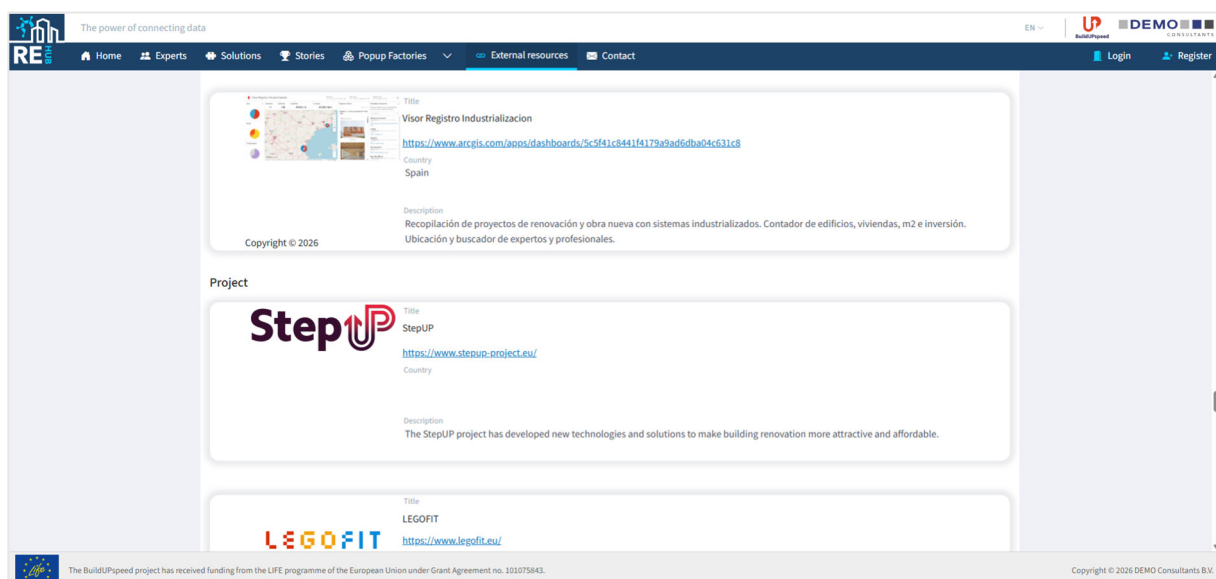
The **Connections** section extends the scope of the BuildUPspeed Market Activation Platform by providing access to external resources related to industrialised renovation. Rather than duplicating existing initiatives, the B-MAP acts as a gateway to complementary sources of information, allowing users to discover additional knowledge, tools and reference materials developed by other organisations and projects.

The external resources have been selected to complement the information available within the platform and provide users with broader perspectives on technologies, market developments, policies and best practices in industrialised renovation.

What users can expect

Through the **Connections** section, users can access a variety of external resources, including:

- European and national initiatives related to industrialised renovation;
- Digital platforms and knowledge repositories;
- Technical guidance and reference documents;
- Additional information on innovative technologies and market developments;
- Other relevant resources supporting renovation activities.



Screenshot 5.- External resources



The availability and content of these resources may evolve over time as new initiatives and reference materials become available.

Using external links

Selecting an external resource opens the corresponding website or platform in a new browser tab or window, allowing users to consult additional information while maintaining access to the B-MAP.

As these resources are maintained by external organisations, their content, availability and functionalities may change independently of the BuildUPspeed Platform. Users are therefore encouraged to consult the original source for the most up-to-date information.

Registered users may contribute new connections to external resources or update existing ones, enriching the collection of external links available to other users.

3.2.5 Wizards

The **Wizards** are interactive guidance tools designed to help users navigate the platform according to their specific objectives. Rather than requiring users to search the catalogues manually, each Wizard follows a structured sequence of questions that progressively narrows down the available information and provides personalised recommendations.

Depending on the user's profile and objectives, the Wizards can support the identification of suitable renovation approaches, industrialised solutions or market opportunities.

Get Renovation Tips Wizard

Purpose

The Get Renovation Tips Wizard is an interactive guidance tool designed to help users identify suitable industrialised renovation approaches according to their needs and level of knowledge.

Rather than requiring users to browse the platform manually, the Wizard asks a series of simple questions and adapts the navigation pathway according to the user's answers. Depending on whether the user is seeking general inspiration or looking for solutions for a specific building component, the Wizard automatically follows one of two complementary guidance paths.

Who should use it

The Wizard is suitable for a wide range of users, including:

- Building owners and homeowners;
- Housing managers;
- Architects and engineers;
- Public authorities;

- Users with limited technical knowledge;
- Anyone interested in exploring industrialised renovation opportunities.

Typical workflow

The Wizard begins by asking a small number of introductory questions to understand the user's renovation needs. At an early stage, users are asked whether they already know which part of the building they wish to renovate.

Pathway 1 – Looking for renovation ideas

Users who are still exploring possible renovation opportunities are guided through a series of questions describing their building and renovation objectives. Based on these answers, the platform recommends relevant Success Stories demonstrating how similar buildings have been renovated using industrialised solutions.

From these examples, users can continue exploring the associated Solutions and Experts to better understand the available technologies and identify suitable organisations.

Details	
Object number	ATAB.02_D
Country	AT
Type	Residential
Period	1945 - 1960
Dwellings	10
Building type	Free-standing
Avg. floor area	1750
Current energy use	130
Components	

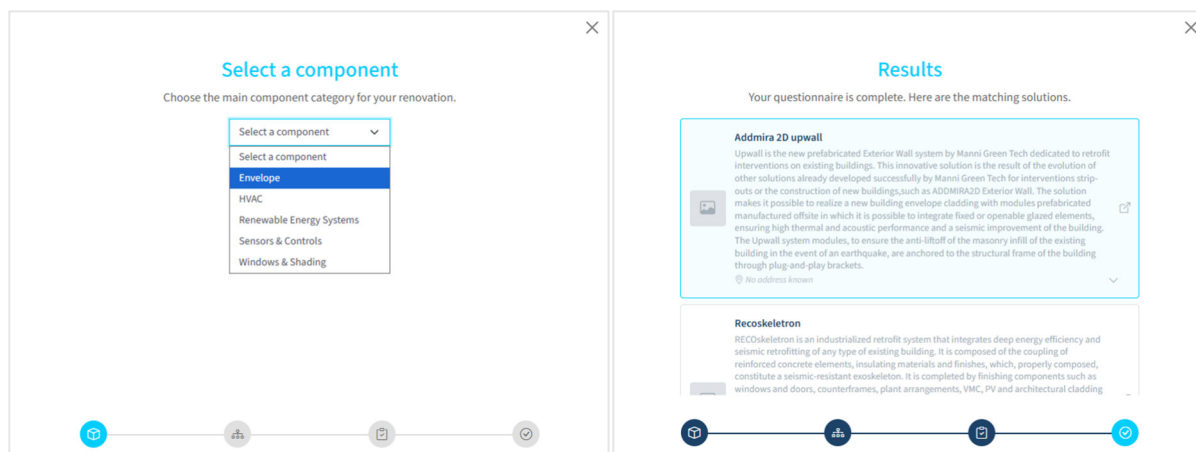
Screenshot 6.- Looking for examples

Pathway 2 – Looking for solutions for a specific building component

Users who already know which building element they intend to renovate are guided through a more technically focused sequence of questions concerning:

- Building characteristics;
- Building component to be renovated;
- Renovation objectives;
- Technical requirements;
- Other project-specific criteria.

Based on these answers, the platform recommends industrialised renovation Solutions matching the selected criteria. Users can then explore the associated Success Stories and Experts to gain further technical information and identify potential collaborators.



Screenshot 7.- Looking for products

Expected results

Depending on the selected pathway, the Wizard provides users with personalised recommendations, including:

- Renovation examples relevant to their building profile;
- Industrialised renovation solutions matching their needs;
- Associated experts and organisations;
- Additional technical information available within the platform.

By adapting the navigation according to the user's objectives, the Wizard provides an intuitive entry point for both users seeking inspiration and professionals looking for specific technical solutions.

Pop-up Factories Wizard

Purpose

The PuF Wizard is an interactive guidance tool designed to help users identify the Pop-up Factory scenario that best matches their renovation context, project conditions and implementation needs. Rather than requiring users to compare the PuF types manually, the Wizard guides them through a structured sequence of questions based on the PuF checklist criteria developed in WP4 (see Deliverable 4.1).

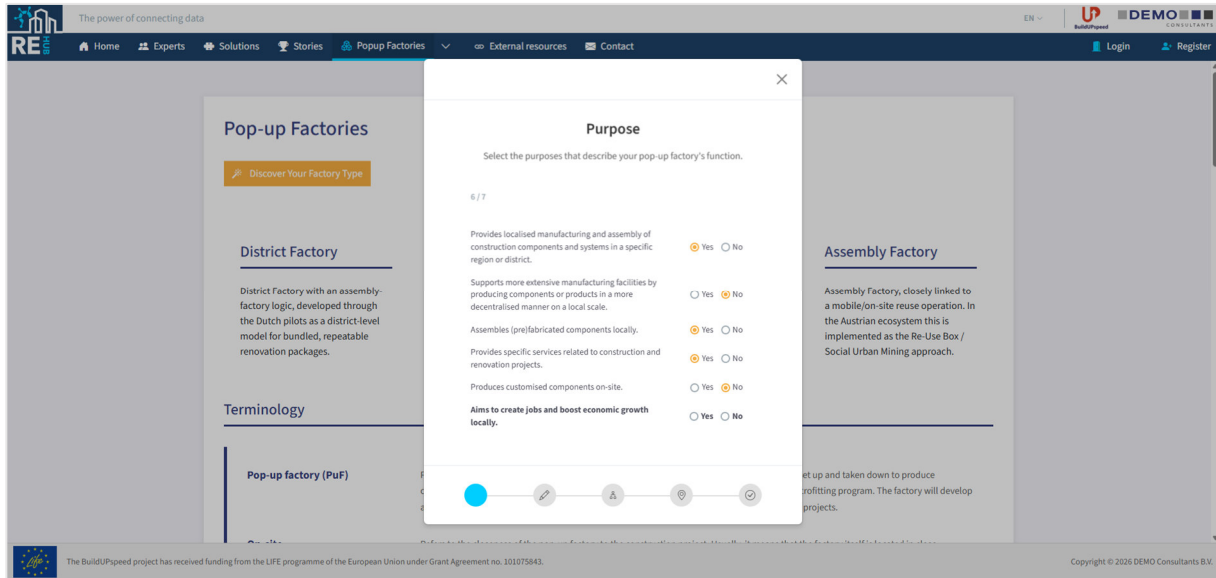
The Wizard supports four physical or production-oriented PuF scenarios: District Factory, Satellite Factory, Mobile On-Site Factory and Assembly Factory. Based on the user's answers, the platform directs them to the most relevant PuF scenario page, where they can explore the corresponding factsheet and blueprint information.

Who should use it

The Wizard is suitable for users who are interested in exploring or deploying a Pop-up Factory for deep renovation, including:

- Housing associations and building owners;
- Public authorities and municipalities;
- Contractors and renovation companies;

- Industrialised solution providers and manufacturers;
- Architects, engineers and renovation consultants;
- Local ecosystem coordinators;
- Other stakeholders involved in planning, coordinating or scaling industrialised renovation activities.



Screenshot 8.- Popup factory wizard

Typical workflow

The Wizard guides users through a structured, multi-step questionnaire designed to identify the most suitable Pop-up Factory type for their project. The process is organised into four thematic steps: purpose, design, scale and location. Each step includes targeted questions that capture key project characteristics such as intended use, production and assembly approach, project size, logistical constraints and proximity to the renovation site.

As users progress through the questionnaire, their responses are evaluated using a scoring-based mapping system. This system compares the input data against the defining features of the four supported factory types: Mobile On-Site, Satellite, District and Assembly. Users can navigate between steps, review and modify their answers at any point, ensuring flexibility and accuracy in the decision-making process.

Once all steps are completed, the Wizard generates a final result presenting the most suitable factory type or a ranked list of matching options.

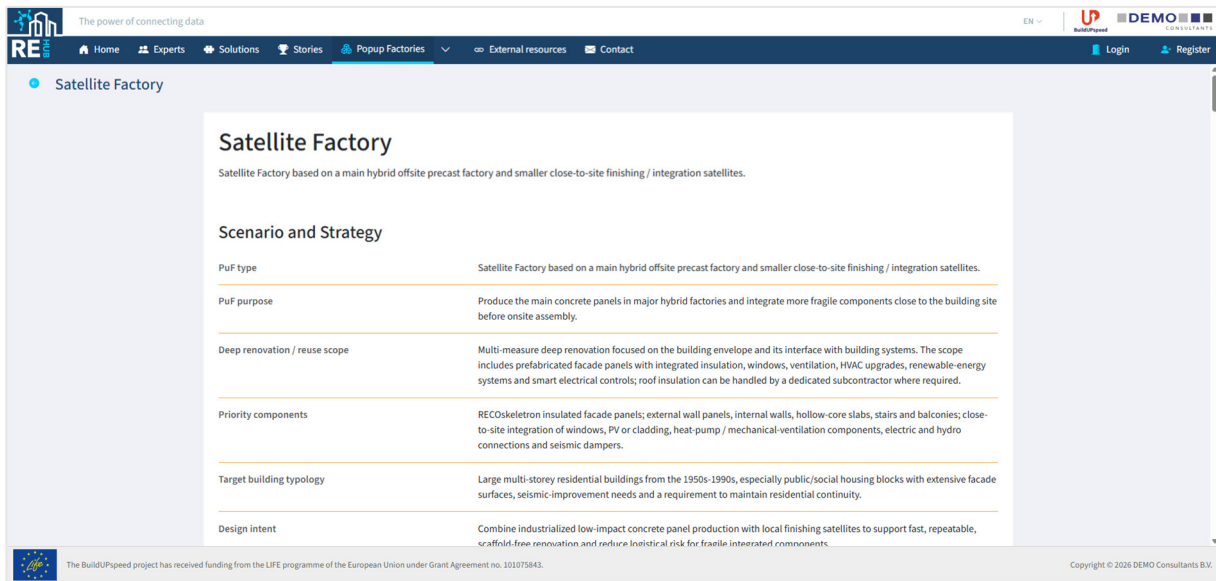
Expected results

The PuF Wizard provides users with a structured recommendation for the PuF scenario most relevant to their context. The expected results include:

- Identification of the most suitable PuF type for the user's renovation context;
- Direct access to the corresponding PuF factsheet and digital blueprint;

- Better understanding of the production, logistics and site conditions linked to each PuF scenario;
- Initial awareness of the stakeholders, resources, risks and implementation requirements needed for deployment;
- A practical entry point for further discussion, planning or feasibility assessment.

By translating the PuF checklist criteria into a guided decision pathway, the Wizard helps users move from a general interest in Pop-up Factories toward a clearer understanding of which PuF scenario may be most applicable to their renovation project or local ecosystem.



The screenshot displays the 'Satellite Factory' page on the BuildUPspeed platform. The page title is 'Satellite Factory', with a subtitle: 'Satellite Factory based on a main hybrid offsite precast factory and smaller close-to-site finishing / integration satellites.' Below this, a section titled 'Scenario and Strategy' contains a table with the following details:

PuF type	Satellite Factory based on a main hybrid offsite precast factory and smaller close-to-site finishing / integration satellites.
PuF purpose	Produce the main concrete panels in major hybrid factories and integrate more fragile components close to the building site before onsite assembly.
Deep renovation / reuse scope	Multi-measure deep renovation focused on the building envelope and its interface with building systems. The scope includes prefabricated facade panels with integrated insulation, windows, ventilation, HVAC upgrades, renewable-energy systems and smart electrical controls; roof insulation can be handled by a dedicated subcontractor where required.
Priority components	RECOskeleton insulated facade panels; external wall panels, internal walls, hollow-core slabs, stairs and balconies; close-to-site integration of windows, PV or cladding, heat-pump / mechanical-ventilation components, electric and hydro connections and seismic dampers.
Target building typology	Large multi-storey residential buildings from the 1950s-1990s, especially public/social housing blocks with extensive facade surfaces, seismic-improvement needs and a requirement to maintain residential continuity.
Design intent	Combine industrialized low-impact concrete panel production with local finishing satellites to support fast, repeatable, scaffold-free renovation and reduce logistical risk for fragile integrated components.

At the bottom of the page, a small text line states: 'The BuildUPspeed project has received funding from the LIFE programme of the European Union under Grant Agreement no. 101075843.' The footer also includes 'Copyright © 2026 DEMO Consultants B.V.'

Screenshot 9.- Understanding the popup factory concept

3.3 Typical User Workflows

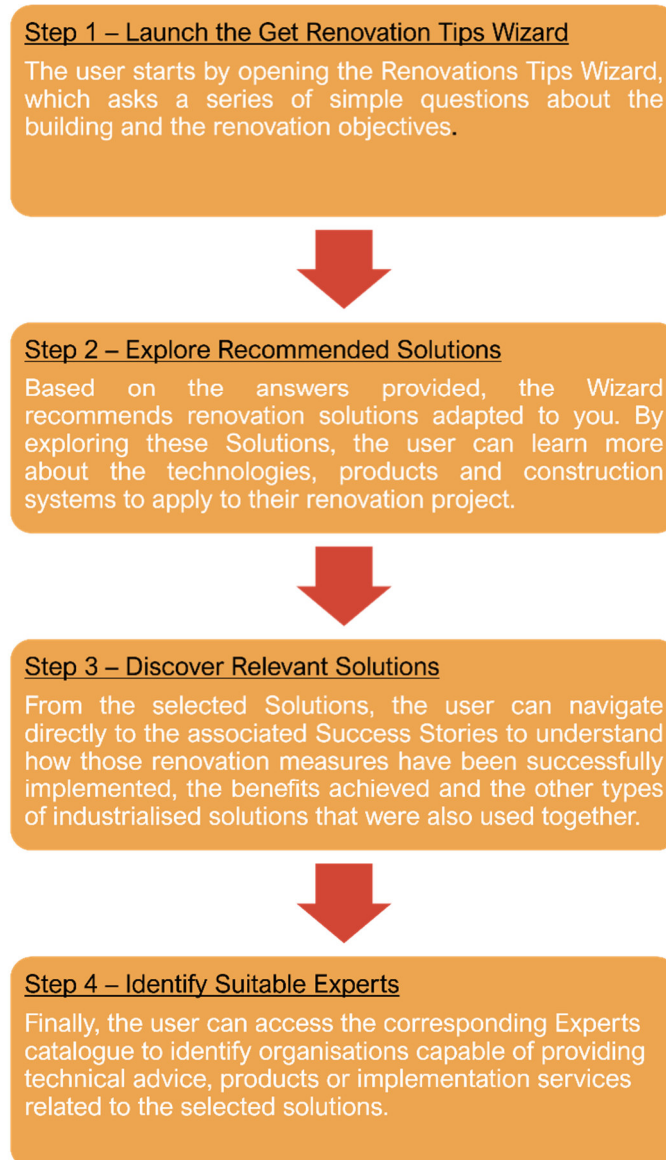
The BuildUPspeed Market Activation Platform has been designed to support users with different objectives and levels of expertise. While each user may navigate the platform differently, the following examples illustrate some typical workflows that demonstrate how the various catalogues and Wizards can be combined to support decision-making.

Example 1 – Building Owner Looking for Renovation Ideas

User profile

A homeowner or building owner is planning to renovate an existing building but has limited knowledge of industrialised renovation solutions. Rather than searching for specific products, the user is looking for inspiration and practical examples that could be applicable to their property.

Suggested workflow



Workflow 1.- Building owner looking for renovation ideas

Expected outcome

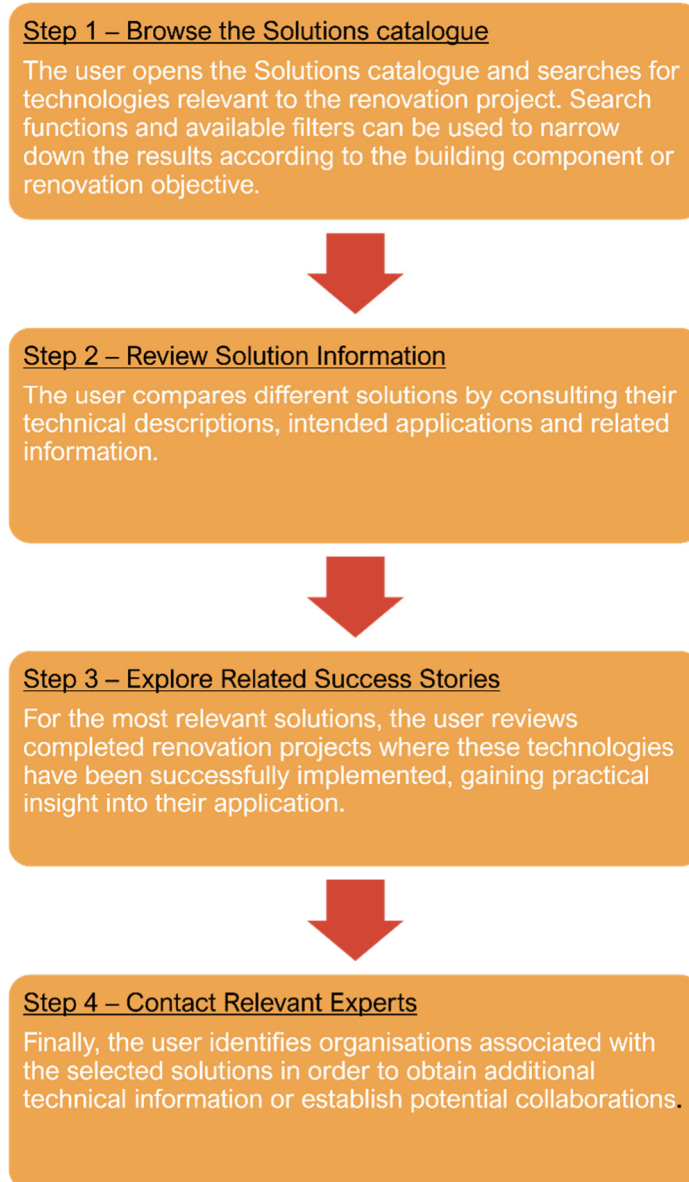
At the end of this workflow, the building owner will have gained a clearer understanding of possible renovation approaches, discovered industrialised solutions suitable for similar buildings, and identified organisations that could support the next stages of the renovation project.

Example 2 – Architect or Engineer Looking for Technical Solutions

User profile

An architect or engineering consultant is preparing the renovation of an existing building and is looking for industrialised solutions suitable for a specific building component, such as façades, roofs or building services.

Suggested workflow



Workflow 2.- Architect or Engineer Looking for Technical Solutions

Expected outcome

The user identifies industrialised renovation solutions suitable for the project while gaining confidence through real-life examples and access to experienced organisations.

Example 3 – Solution Provider Looking for Market Visibility

User profile

A manufacturer or solution provider wishes to understand how its products are represented within the platform and identify opportunities to increase their visibility among potential users and collaborators.

Suggested workflow



Workflow 3.- Solution Provider Looking for Market Visibility

Expected outcome

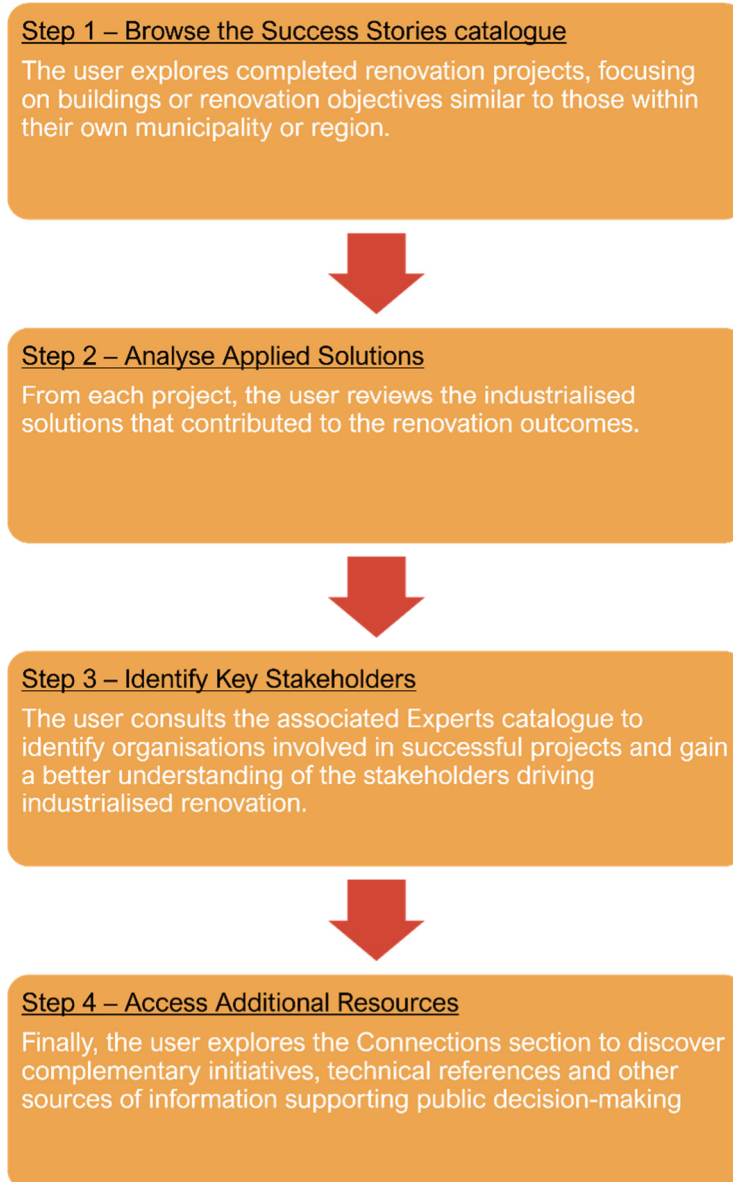
The organisation gains a better understanding of the industrialised renovation ecosystem represented within the B-MAP and identifies opportunities for collaboration, visibility and knowledge exchange.

Example 4 – Public Authority Exploring Good Practices

User profile

A representative of a municipality or public authority wishes to explore examples of industrialised renovation that could inspire future renovation programmes or public initiatives.

Suggested workflow



Workflow 4.- Public Authority Exploring Good Practices

Expected outcome

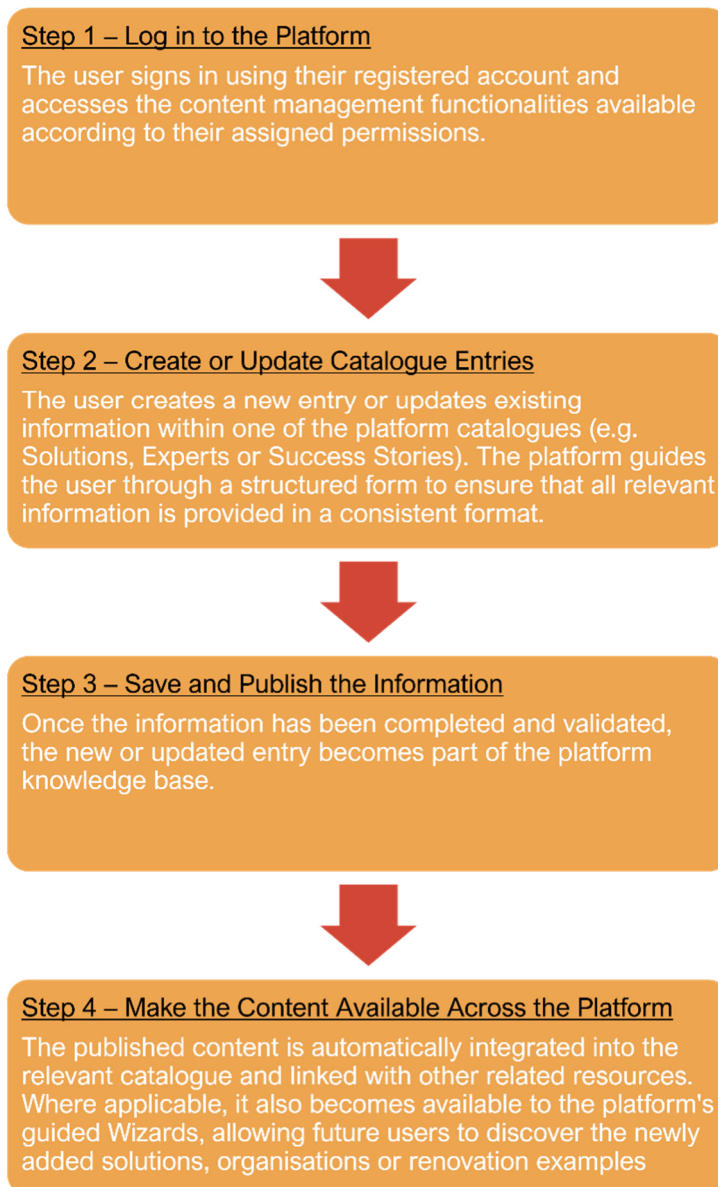
The public authority obtains practical examples, identifies proven renovation approaches and gains access to organisations and resources that can support future renovation strategies and policy development.

Example 5 – Registered User Contributing New Content

User profile

A registered user, such as a solution provider, research organisation or project partner, wishes to enrich the BuildUPspeed Market Activation Platform by adding or updating information within the catalogue.

Suggested workflow



Workflow 5.- Registered User Contributing New Content

Expected outcome

By contributing new content, registered users help maintain an up-to-date and continuously evolving knowledge base. This collaborative approach improves the quality of the information available within the B-MAP and increases the relevance of the recommendations provided to future users.



Final remark

The workflows presented in this section are intended as illustrative examples rather than predefined user journeys. The B-MAP has been designed as a flexible digital environment in which users can navigate according to their own objectives, interests and level of expertise. Whether starting from the Get Renovation tips Wizard, a catalogue or a specific search, users can progressively explore the relationships between solutions, experts and renovation examples to identify the information most relevant to their needs.

In addition to exploring the platform, registered users can actively contribute to its continuous development by managing catalogue content. This collaborative approach ensures that the B-MAP remains a living knowledge platform, where new solutions, organisations and renovation examples can be progressively incorporated and made available throughout the platform.

3.4 *Help & Support*

This section provides practical recommendations for making the most of the BuildUPspeed Market Activation Platform, together with answers to frequently asked questions and information on how to obtain further support or provide feedback.

3.4.1 **Tips for Effective Use**

The B-MAP has been designed to support users with different backgrounds and levels of expertise. The following recommendations can help users navigate the platform more efficiently and obtain the most relevant information.

- **Start with the Get Renovation tips Wizard** if you are unfamiliar with industrialised renovation or are looking for inspiration before exploring the catalogues.
- **Use the search and filtering options** to narrow down results and quickly identify solutions, experts or success stories relevant to your project.
- **Explore several Success Stories** to compare different renovation approaches and understand how industrialised solutions have been implemented in practice.
- **Follow the links between Solutions, Experts and Success Stories** to obtain a more complete understanding of the renovation ecosystem and identify suitable partners.
- **Consult the Connections section** to access complementary resources, external initiatives and additional technical information.
- **Use different entry points.** The platform has been designed to support multiple navigation paths, allowing users to start from a solution, an expert, a renovation example or a guided Wizard according to their objectives.



3.4.2 Frequently Asked Questions (FAQ)

Do I need to register to use the platform?

Most of the platform content can be accessed without registration. However, additional functionalities may require users to log in or create an account.

Can I contact experts directly?

Yes. Expert profiles include organisational information and, where available, contact details that enable users to establish direct communication outside the platform.

Can I contribute content to the platform?

Yes. Registered users with the appropriate permissions can create, edit and remove entries within the Solutions, Experts and Success Stories catalogues. This collaborative approach allows the B-MAP knowledge base to evolve over time while ensuring that new content is available throughout the platform.

How do I become a registered user?

New users can create an account using the Register option available on the homepage. Once authenticated, authorised users can access the platform's content management functionalities according to their assigned permissions.

How often is the platform updated?

The information available within the platform may be updated periodically as new solutions, organisations, success stories and external resources become available.

Can I access external resources?

Yes. The Connections section provides links to external initiatives, platforms and knowledge resources related to industrialised renovation. These websites are maintained by third parties and may evolve independently of the B-MAP.

Who maintains the platform?

The BuildUPspeed Market Activation Platform has been developed by the BuildUPspeed consortium within the framework of the LIFE Programme. Maintenance and future developments will depend on the long-term sustainability strategy established following the completion of the project.

3.4.3 Support and Feedback

Users wishing to learn more about the BuildUPspeed project or the Market Activation Platform are encouraged to visit the project website:

BuildUPspeed Project: <https://buildupspeed.eu>

The website provides additional information on the project objectives, consortium partners, project results, news and public deliverables.



Users are also encouraged to provide feedback on the platform. Comments, suggestions and recommendations contribute to the continuous improvement of the B-MAP and may support future developments beyond the lifetime of the BuildUPspeed project.

As the platform evolves, new functionalities, additional content and further connections with external initiatives may be incorporated, reinforcing the B-MAP as a collaborative digital environment supporting the wider adoption of industrialised renovation across Europe.

* * *

The BuildUPspeed Market Activation Platform is intended to evolve as a living digital environment. Users are encouraged to continue exploring its resources, share their experience and contribute to the wider adoption of industrialised renovation throughout Europe.

4 Conclusions

This deliverable has documented the implementation, deployment and validation of the BuildUPspeed Market Activation Platform (B-MAP), representing the transition from the conceptual framework established in Deliverable D3.1 to a fully operational digital platform. Throughout the project, the B-MAP has evolved from an initial concept into a web-based application that integrates industrialised renovation solutions, experts, success stories, external resources and guided decision-support tools within a single digital environment.

The implementation followed an iterative and user-centred development process, combining technical development with continuous validation activities involving consortium partners and relevant stakeholders. This approach made it possible to progressively refine the platform, improve its usability and functionality, and ensure that the final implementation addressed the most relevant needs identified during the earlier analysis and design phases. The incorporation of authentication mechanisms, collaborative content management, interconnected catalogues and guided Wizards demonstrates the successful translation of the conceptual requirements into practical functionalities that support both information discovery and decision-making.

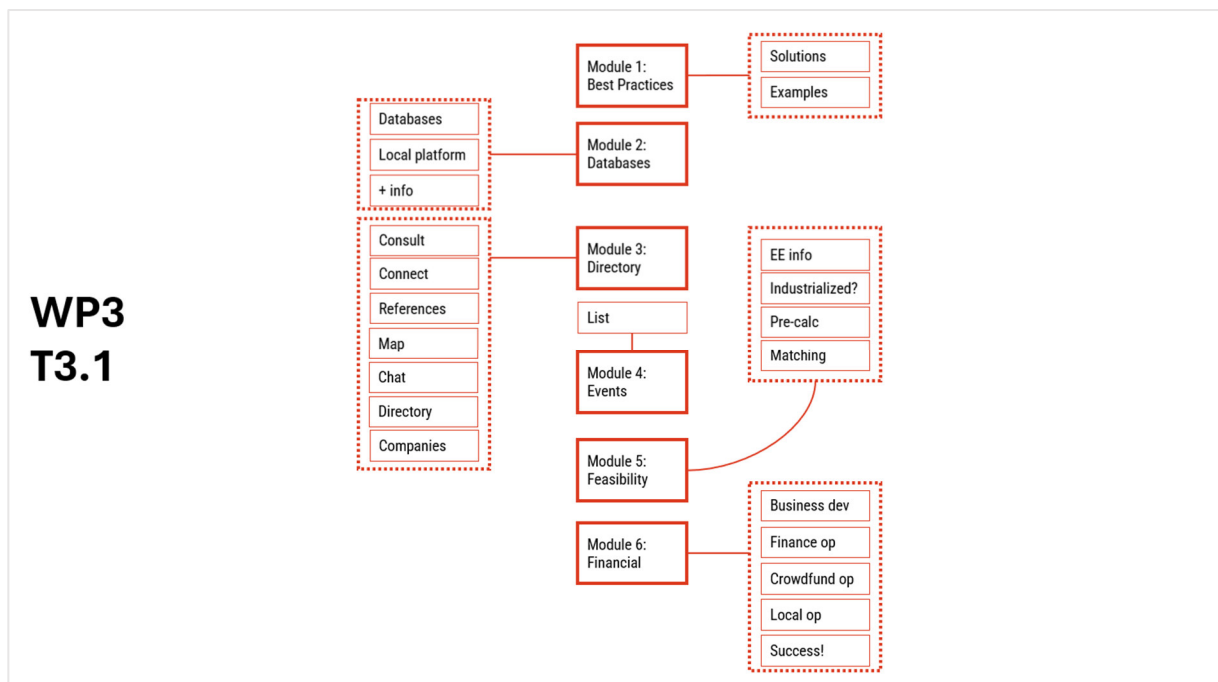
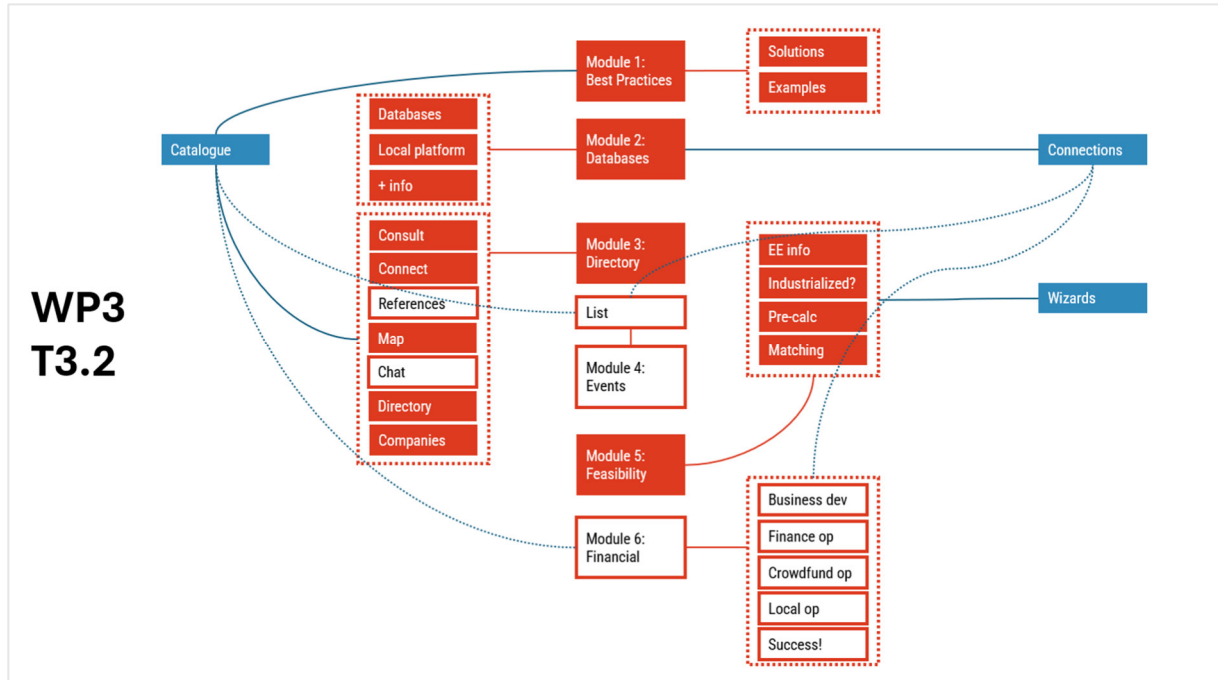
Beyond the technical implementation, the project has delivered a platform that reflects the collaborative nature of the industrialised renovation ecosystem. By enabling authorised users to contribute new Solutions, Experts and Success Stories while allowing visitors to explore these resources through intuitive navigation and guided workflows, the B-MAP establishes a dynamic knowledge base capable of evolving beyond the project lifetime. The relationships between catalogue elements and the integration of guided assistance reinforce one of the platform's main objectives: transforming dispersed information into structured knowledge that supports better renovation decisions.

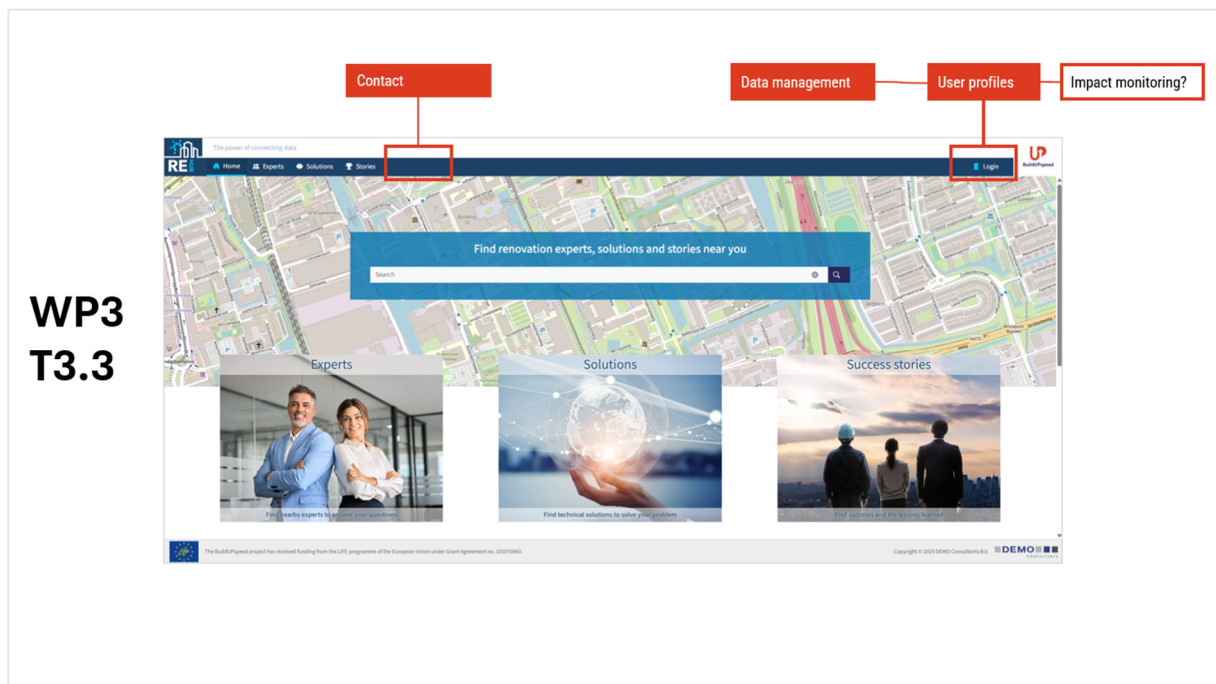
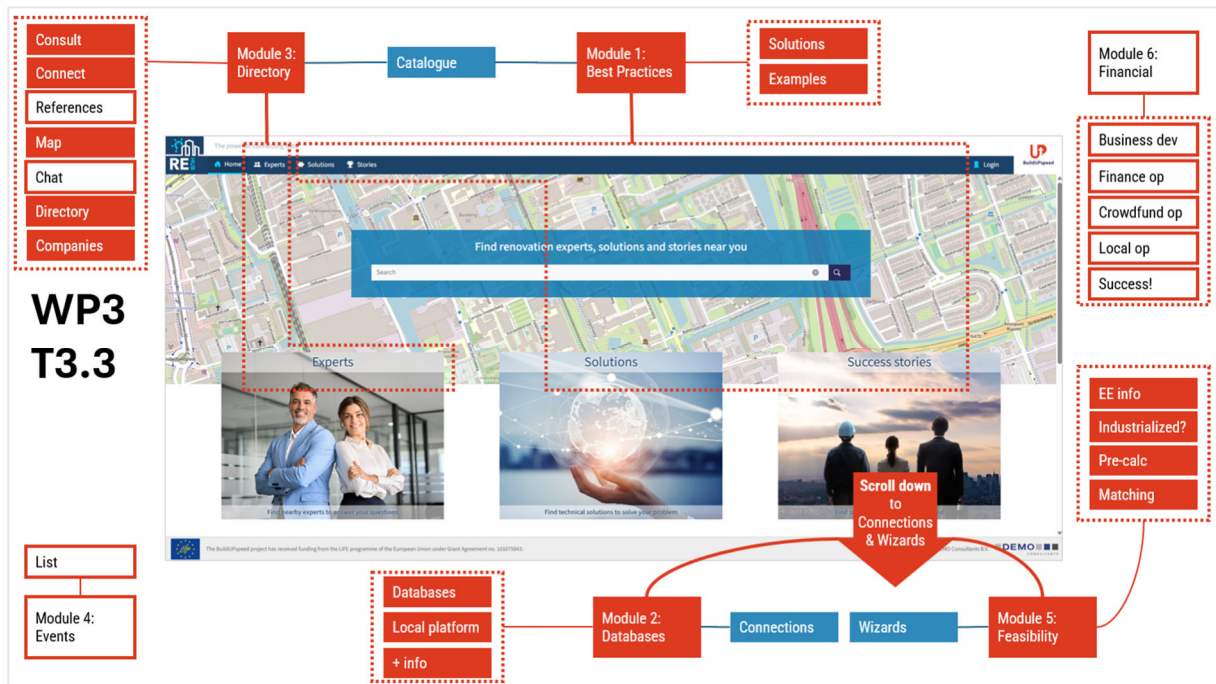
The validation activities carried out during the project have confirmed the relevance of the selected functionalities and provided valuable feedback for improving both the user experience and the quality of the available content. The User Guidelines included in this deliverable further support the practical adoption of the platform by facilitating its use by different stakeholder groups, ranging from homeowners and public authorities to solution providers and technical professionals.

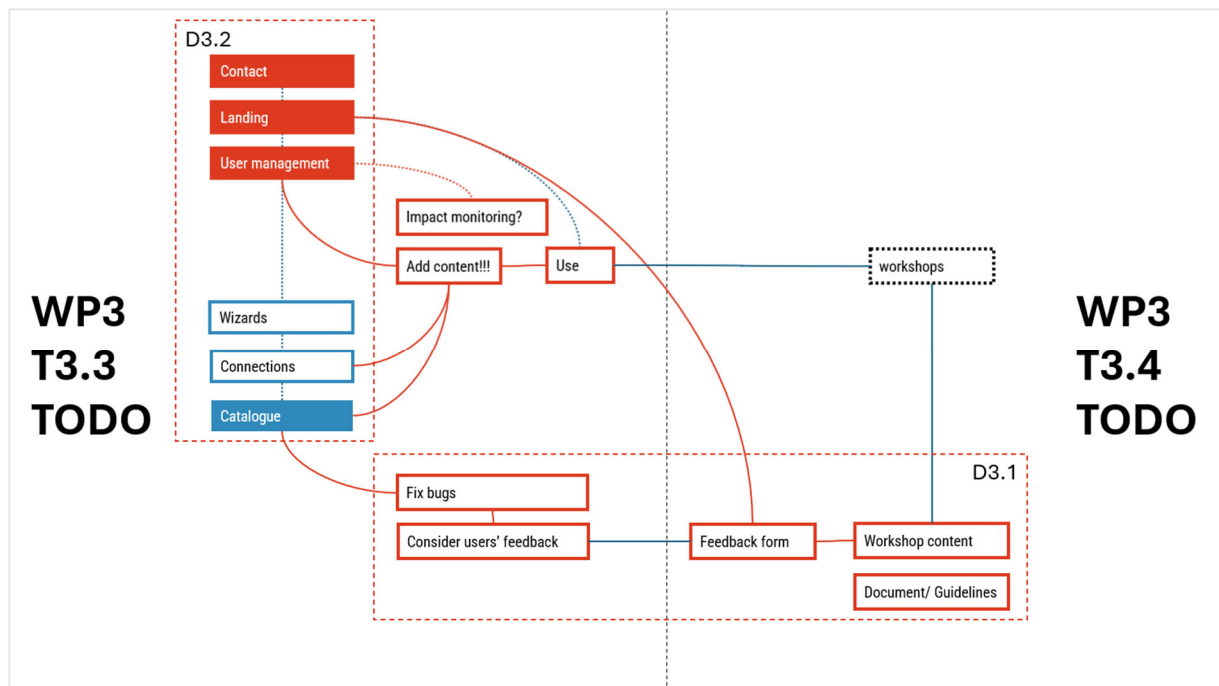
Finally, it should be recognised that the B-MAP presented in this deliverable represents the implementation achieved within the available project timeframe and resources. While Deliverable D3.1 defined a comprehensive long-term vision for the platform, the development process required the prioritisation of functionalities according to stakeholder feedback, technical feasibility and implementation effort. As a result, some functionalities originally envisaged remain opportunities for future development. Nevertheless, the implemented platform provides a robust, scalable and extensible foundation that successfully fulfils the main objectives of the BuildUPspeed project and establishes the basis for future expansion as new content, services and functionalities become available.

Annex: Validation feedback

Appendix A – Feedback loop 1







Appendix B – Feedback loop 2

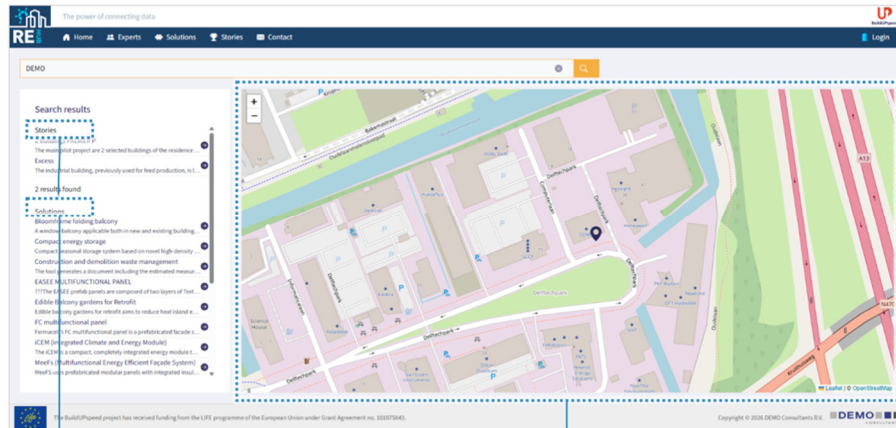


visitor

WP3
T3.3

bugs

feedback



Enhance titles

Different colours?

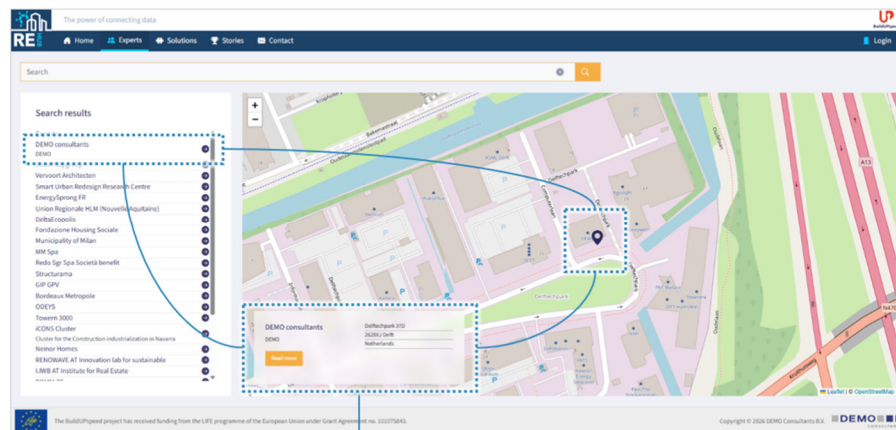
Show all results
location (zoom
extent)

visitor

WP3
T3.3

bugs

feedback



Highlight selection?

visitor

If arrived here from 'search results list', back to that list, not back to general experts list

Show related **Stories / Solutions / Experts** location (in different colour?)
– zoom extent!

WP3 T3.3

bugs

feedback

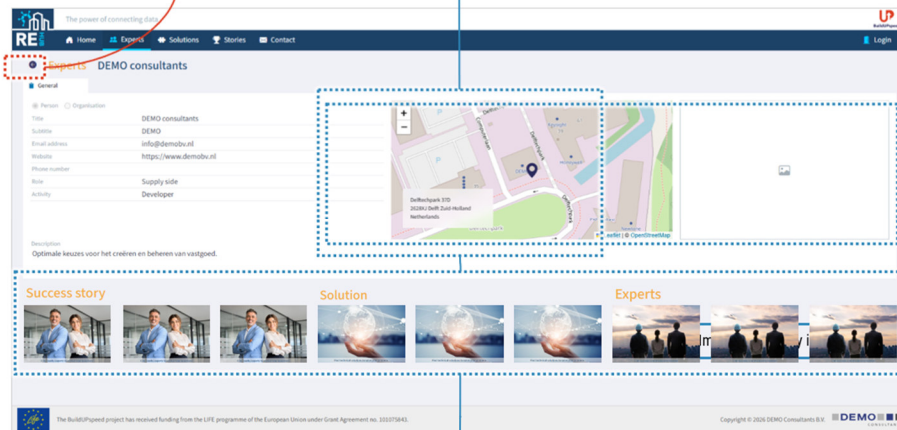


Image on the left / map on the right?

Related **Stories / Solutions / Experts** (for simplicity, the same found when searching by keyword, e.g., 'DEMO') – just name and image

visitor

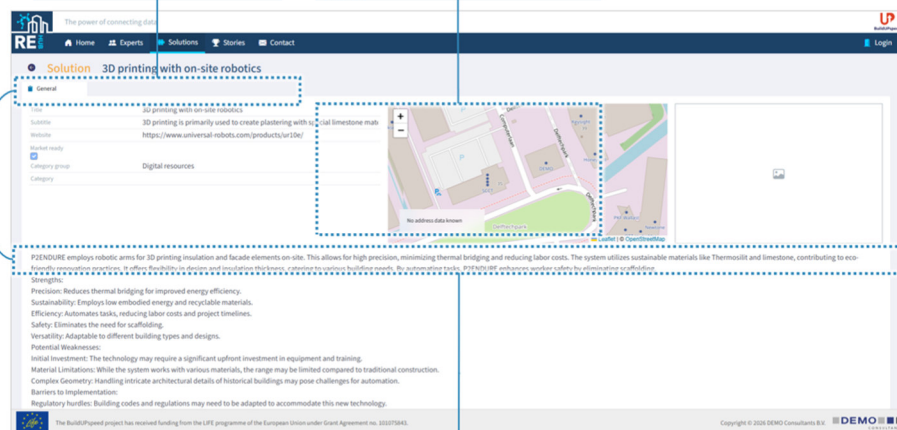
Related **Stories / Solutions / Experts** on another tab, e.g., "connected to"?

If no address (though should be mandatory), EU map or related items zoom extent

WP3 T3.3

bugs

feedback



Related **Stories / Solutions / Experts** below description (scrolling) or between data/image/map and description?

visitor

WP3
T3.3

bugs

feedback

Maintain map & image height
(same as experts and solutions)

Distribute data below map / image
or allow for more images

visitor

WP3
T3.3

bugs

feedback

Before Get in touch!, maybe **Please rate us?**
(link to feedback form)

Which categories?

Get in touch!

Email address

Phone number

Building passport

Experts catalog

Solutions catalog

Success stories catalog

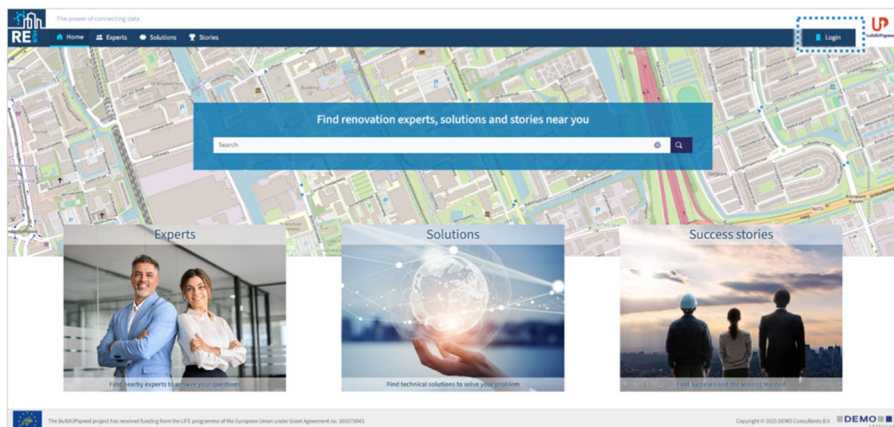
Send to who?

registered

WP3
T3.3

bugs

feedback



registered

WP3
T3.3

bugs

feedback

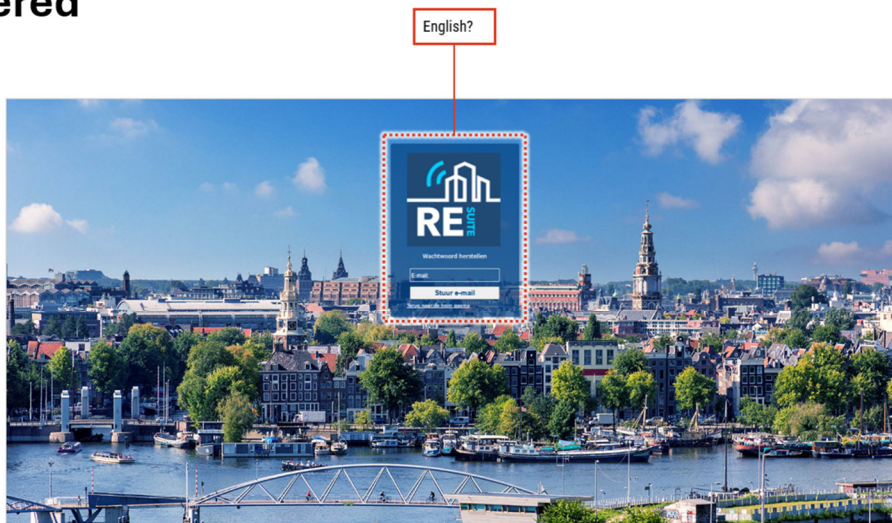


registered

WP3
T3.3

bugs

feedback



registered

WP3
T3.3

bugs

feedback



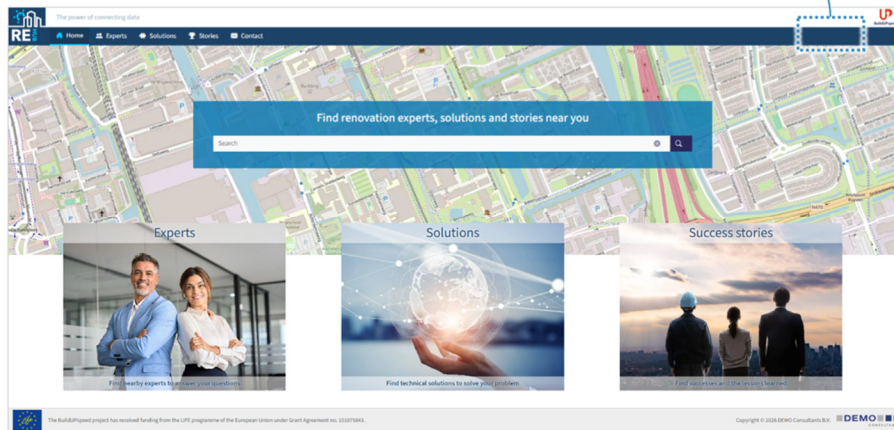
registered

Disappeared – Am I in?

WP3
T3.3

bugs

feedback



registered

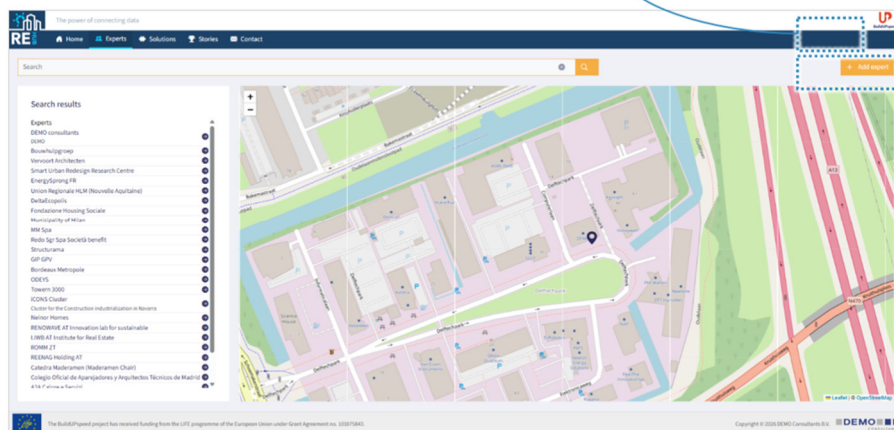
Something should be here, so you know you're in...

I'm in!!!

WP3
T3.3

bugs

feedback



registered

WP3
T3.3

bugs

feedback

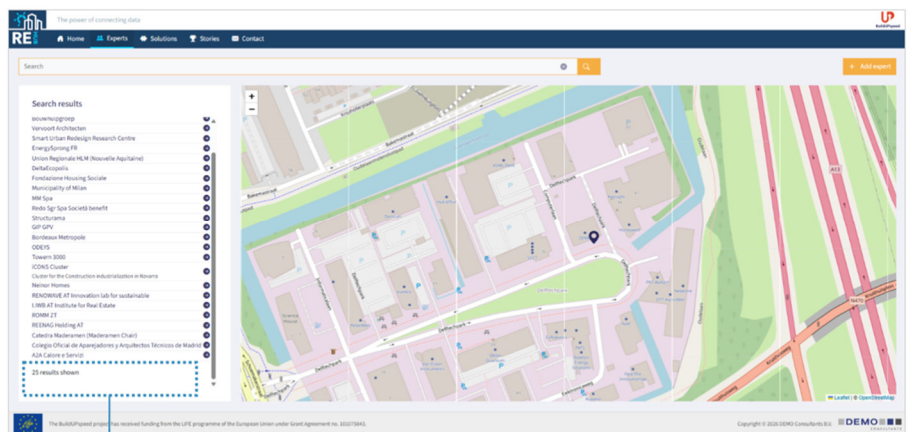


registered

WP3
T3.3

bugs

feedback



What if... there's more than 25?

registered

Can delete or edit any register?!

WP3
T3.3

bugs

feedback

The screenshot shows the 'Experts DEMO consultants' page. The form includes fields for Name, Title, Email address, Website, Phone number, Role, and Activity. A blue box highlights the 'Delete' button. A blue arrow points from the text 'Can delete or edit any register?!' to the 'Delete' button.

registered

Restrict size / proportions?

WP3
T3.3

bugs

feedback

The screenshot shows the 'Experts DEMO consultants' page. The form includes fields for Name, Title, Email address, Website, Phone number, Role, and Activity. A blue box highlights the 'Delete' button. A blue arrow points from the text 'Restrict size / proportions?' to the 'Delete' button.

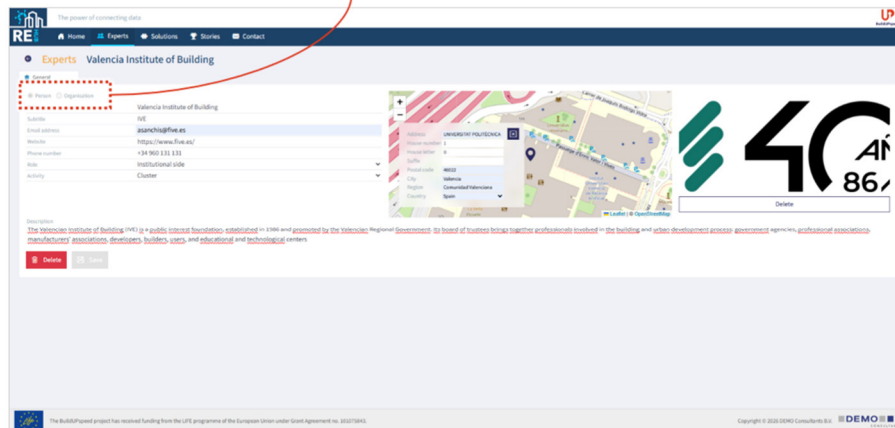
registered

WP3
T3.3

bugs

feedback

Cannot change type



registered

WP3
T3.3

bugs

feedback

After some time, I lose the ability to edit or login

