

The Project



STUNNING's goal is to identify and promote innovative packages for the renovation of buildings, to accelerate their acceptance by market players and consumers and increase the renovation rate in Europe. Data on integrated and adaptable solutions, combined with innovative business models which allow consumers and the market to invest with confidence, are collated, synthesised and analysed so as to select, fine-tune and validate the most promising ones. The collected information will also be packaged to be presented on the STUNNING Renovation Hub, a web-based knowledge sharing platform, providing key facts on profitability and energy efficiency, as well as factors that have hindered their replication so far.

STUNNING also supports the involvement of very different stakeholders of the renovation value chain by building a community of stakeholders, which benefits from and contributes to the Renovation Hub.

Budget

1.045 million Euro overall budget funded by the European Union in frame of Horizon 2020 research and innovation programme

Call identifier

H2020-EEB-2017
Topic: EEB-08-2017, New business models for energy-efficient buildings through adaptable refurbishment solutions

Project duration

10/2017–09/2019

Participating countries

France, Germany, Italy, Spain

The Partners



DOWEL Management

www.dowel.eu
France



Centre Scientifique et Technique du Bâtiment

www.cstb.fr
France



RINA Consulting

www.rinaconsulting.org
Italy



Solintel

www.solintel.eu
Spain



Steinbeis 2i GmbH

www.steinbeis-europa.de
Germany

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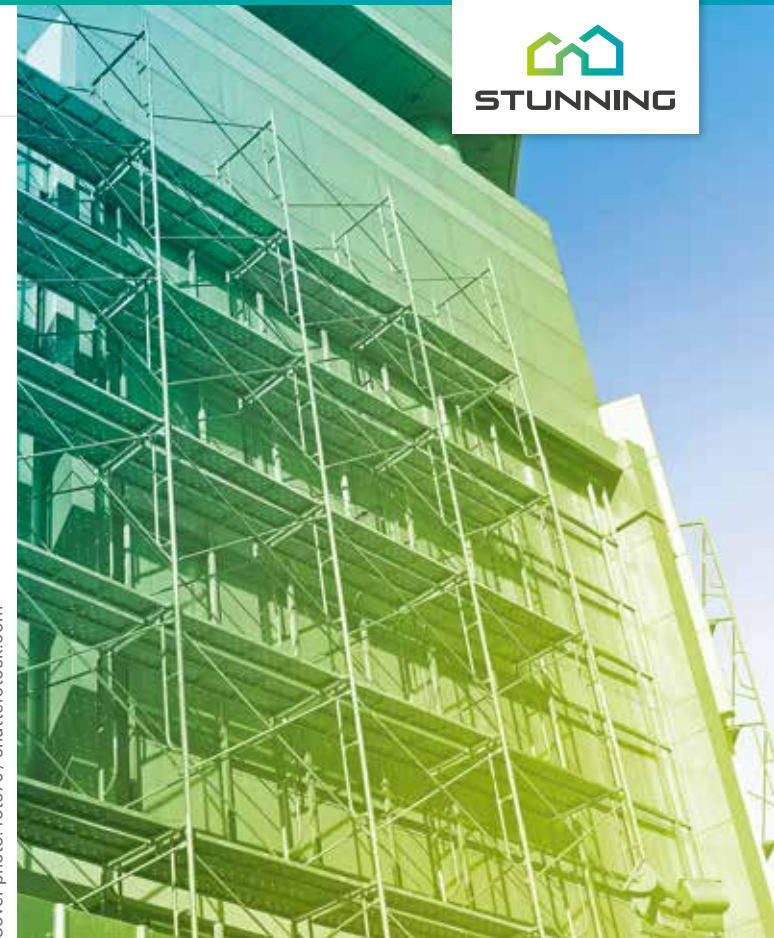
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Subscribe to our newsletter and join our stakeholder community!



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Sustainable business models for the deep renovation of buildings



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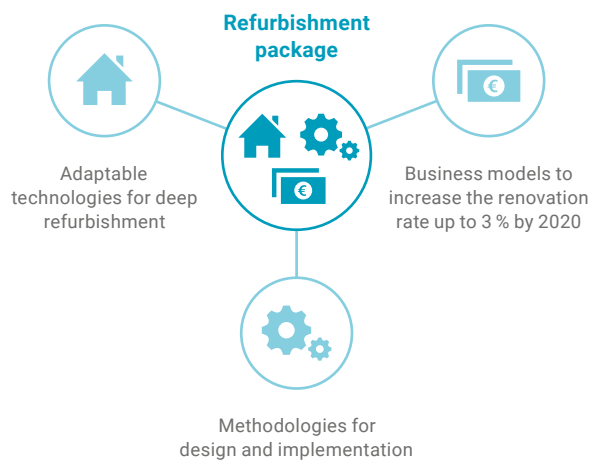
The Objectives



- Support the growth of a diverse stakeholder community around the **STUNNING Renovation Hub**, a web-based knowledge sharing platform addressing technology and business models for refurbishment in EU28.

The Renovation Hub aims at sharing and promoting the new knowledge generated by EC-funded, national or private initiatives in the field of energy efficient building refurbishment, both from the technological side and the business model side.

- Identify and cluster innovative **refurbishment packages** and classify them according to a ranking based on profitability and energy efficiency indicators
- Identify the **barriers** which prevent innovative refurbishment packages and their corresponding business models from being **replicated** by the involved players of the value chain
- Promote and validate new **business cases** that make renovation more profitable, thanks to optimal energy savings



The STUNNING Renovation Hub

The **STUNNING Renovation Hub** for building renovation aims at benchmarking innovative and adaptable refurbishment packages and sharing and promoting successful business models for their large scale deployment and replication. It therefore comprises knowledge in the field of energy efficient building refurbishment, both from the technological side and the business model side, for EC-funded but also national or privately funded initiatives. Its purpose is to:

- Help knowledge holders making the knowledge gained from research and innovation, demonstration and deep renovation projects accessible via an online platform;
- Facilitate the access to such knowledge for a large variety of stakeholders from the construction value chain, and beyond;
- Enable knowledge flows and exchanges among stakeholders and new, ongoing and completed projects.

Three interconnected virtual libraries are created and populated by the project partners:

- **Refurbishment packages:** This first library describes the refurbishment packages identified by STUNNING and includes a description of the technologies comprised in the package, information on implementation constraints and barriers, lessons learnt and best practices, as well as the results of a cost benefit analysis
- **Promising business models:** This library presents the most successful and promising types of business models, selected and optimized by STUNNING
- **Business cases:** Case studies showing how innovative and promising business models are implemented

Registered users and members of the STUNNING Stakeholder Community are invited to submit their own articles to enrich the Renovation Hub.

Become active!

Our project engages with the stakeholder community and accelerates the adoption of new business models for energy-efficient buildings based on integrated, adaptable and affordable refurbishment packages.

- Are you a representative of the industry or a SME from the construction sector?
- Do you work for energy utilities or capital providers?
- Do you represent a municipality or a local authority?
- Are you a building or home owner, or a tenant?

Come and join our **stakeholder community** and visit our website! Our goal is to involve the stakeholders representing different interests and responsibilities, including all players of the construction sector, cities, and consumers.

