

SNUG is pioneering sustainable construction solutions, addressing the significant environmental impact of buildings. Through an innovative methodology designed to assist architects and builders in choosing the most appropriate thermal insulation materials and strategies for new construction or renovations, this EU project aims to reshape the construction industry, maximizing energy efficiency, minimizing greenhouse gas emissions and fostering a greener future for buildings and communities.

The SNUG project is an innovation action co-funded by the European Union through the Horizon Europe Programme, the UK Research and Innovation (UKRI) and the State Secretariat for Education, Research and Innovation (SERI).

#### Powered by

**AIDIMME**  
Technology Institute

**Becsa**  
Simetria

**ctcon**  
Centro Tecnológico de la  
Construcción

**University of Stuttgart**  
Germany

**CHIMAR.**

**CRM**

**FGS**

**KAPE  
CRES**

**BRIMATECH**

**keyy**  
AEROGEL

**AUSTRIAN  
STANDARDS**

**Høgskolen i Østfold**

**TAKKENKAMP  
GROEP**

**AGITEC**  
green efficiency

**KASTAMONU**

**LURTIS AI**  
Solving Your Tech Challenges

**Simetria**  
Innovación

#### Project funded by

**Co-funded by  
the European Union**

Co-funded by the European Union. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or the European Climate, Infrastructure and Environment Executive Agency (CINEA). Neither the European Union nor the granting authority can be held responsible for them.

**Schweizerische Eidgenossenschaft  
Confédération suisse  
Confederazione Svizzera  
Confederaziun svizra**  
Swiss Confederation

This work has received funding from the Swiss State Secretariat for Education, Research and Innovation (SERI).

**Federal Department of Economic Affairs,  
Education and Research (SAR)  
State Secretariat for Education,  
Research and Innovation (SERI)**

**UK Research  
and Innovation**

UK Research and Innovation, Horizon Europe Guarantee.

**snugproject.eu**

**in X @snugeu**



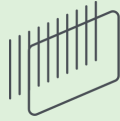
**Innovative circular  
economy & AI methodology  
for sustainable high-energy  
performance buildings**

## During the project's lifespan, we will develop:



### DIGITAL TOOL ASSISTANT

Offer tailor-made options of thermal insulation materials and layouts, taking into account technical, environmental, and economic inputs



### SUSTAINABLE-BY-DESIGN THERMAL INSULATION MATERIALS

Made of locally sourced renewable materials and bio-based components, with a focus on cost-effectiveness



### THERMAL INSULATION MATERIALS DATABASE

Catalog both existing and new solutions, providing life cycle assessment details through an open data tool



### DIGITAL BUILDING LOGBOOK

Facilitate decision-making and information sharing, connecting building owners, occupants, financial institutions and public authorities

## Our main goals are:



Develop sustainable and cost-effective building materials for optimized thermal insulation based on circular economy



Empower architects and builders to make eco-friendly choices by leveraging the power of artificial intelligence building stock



Alleviate energy poverty through enhanced building energy efficiency



Reduce emissions from the construction industry while advancing the decarbonization of EU's building stock

**42** months

**17** partners

**11** countries