

Robust internal thermal insulation of historic buildings

Making historic buildings more energy efficient

RIBuild is an EU research project that develops guidelines on how to install internal thermal insulation with an acceptable safety level against deterioration and collapse of heavy external wall structures. The aim is to make historic buildings more energy efficient while maintaining their architectural and cultural heritage.

Research



Screening



Case studies and laboratory tests



Development of methodologies



Guidelines and web tool

Guidelines and web tool will help you:



determine whether a building is suitable for internal insulation



determine which solution is suitable



evaluate energy saving potential & environmental impact



understand the challenges related to installation of internal insulation

30 % of the European buildings stock is made of historic buildings erected before 1945.

15-20 % energy savings potential with internal insulation of historic buildings.