Innovative pre-fabricated components including different waste construction materials reducing building energy and minimising environmental impacts.

**AIM**

The main aim of InnoWEE is the development of an optimized reuse of Construction and Demolition Waste (CDW) materials producing high added-value prefabricated insulating and radiating panels to be used in Energy-Efficient Buildings.

**OBJECTIVE**

Development of new high performance prefabricated geopolymeric panels including different CDW for eco-insulating facades (ETIC panels, ventilated façade panels) and for eco-friendly indoor radiating system (monolithic panel, assembled panel) with low environmental impact, low embodied energy, low CO₂ emissions and high thermal performance.

**PARTNERS**

**COORDINATOR**

CNR-ISAC, Italy  
CNR-ITC, CNR-ICMATE, Italy

**Advanced Management Solutions, Greece**

**R.E.D SRL, Italy**

**Tecnalia Research & Innovation, Spain**

**Guidolin Giuseppe - Eco. G. srl, Italy**

**S.C Pietre Edil S.R.L, Romania**

**IZNAB Spolka z Ograniczona Odpowiedzialnoscia, Poland**

**Slovenian National Building and Civil Engineering Institute, Slovenia**

**S.C. MAGNETTI BUILDING S.R.L, Romania**

**Municipality Varis-Voulas-Vouliagmenis, Greece**

**More information:**

Dr. Adriana Bernardi  
ad.bernardi@isac.cnr.it

Consiglio Nazionale Delle Ricerche (CNR)  
Istituto di Scienze dell’Atmosfera e del Clima (ISAC)  
Corso Stati Uniti 4, 35127 Padova (Italy)

https://www.innowee.eu