



# DEMETHER

Development of bio-sourced materials made from agricultural by-products for the thermal insulation of existing buildings

BUDGET

€1,955K

GRANTS OBTAINED

€791K

ANR FUNDING

2011 - 2014

## THE PROJECT

The aim of the project put forward is to make use of the insulating properties of by-products of oleaginous and cereal crops to make panels to insulate existing buildings. The originality of this initiative lies in the use of natural polymer binders (polysaccharides) formulated in different ways depending on the properties required. Moreover, the vegetable reinforcements used are also by-products and do not come from dedicated crops. Thus a whole range of different biomaterials will be developed for the thermal insulation of buildings. This approach is coupled with environmental models in order to take into account the long-term viability of these new materials and their industrial applications.

**ViaMéca**  
French mechanical cluster



## PROJECT SPONSOR

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