

Technology Request

Belgian company looks for Indoor insulation panels with high thermic and phonic efficiency

Summary

A Belgian company, specialized in modular construction and confined areas, is looking to source indoor insulation panels with high thermic and phonic efficiency. The company is looking for a commercial agreement with technical assistance and adaptation to specific needs.

Creation Date	04 November 2014
Last Update	10 November 2014
Expiration Date	10 November 2015
Reference	TRBE20141104001

Details

Description

A Brussels based company specialized in modular construction is looking for partners able to provide indoor insulation panels with high thermic (0,015 W/mK and below) and phonic efficiency (100 m/s and below). The panels will be used to insulate buildings, containers or transportation boxes allowing for thermal efficiency.

Since the company needs to insulate confined areas, the thinness of the proposed material is critical – ideally below 5 cm. A waterproof layer will be added on top to avoid moisture and condensation.

The company looks for SMEs or universities of large account companies with expertise in insulation materials, ideally involving nanomaterial's or aerogels. Other technologies can also be considered if already tested.

Technical Specification or Expertise Sought

At this stage, the company considers a minimum lifespan of each panel of minimum 25 years, to avoid maintenance or replacement.

Stage of Development

Field tested/evaluated

IPR Status

Patent(s) applied for but not yet granted

Keywords

Technology

002006016	Materials, components and systems for construction
002007028	Nanomaterials
004006006	Thermal insulation

Market

009007008	Manufacture of construction materials, components and systems
-----------	---

NACE

F.41.2.0	Construction of residential and non-residential buildings
----------	---

Dissemination

Send to Sector Group

Sustainable Construction

Client

Type and Size of Organisation Behind the Profile

Other

Year Established

2014

Already Engaged in Trans-National Cooperation

No.

Experience Comments

Although the company is newly established, the founders have a significant track record in their field.

Langages Spoken

English
Dutch
French

Client Country

Belgium

Partner Sought

Type and Role of Partner Sought

Partner sought: companies or universities with expertise in insulation materials, ideally involving nanomaterials or aerogels. Other technologies can also be considered.

Type and Size of Partner Sought

251-500

Type of Partnership Considered

Commercial agreement with technical assistance