foam build

Your invitation to Join an Industrial Reference Group on an EU Funded Project

Would you like to be part of an Industrial Reference Group in a four year project researching nanotechnology for multifunctional lightweight construction materials and components?

Benefits to you

As part of the Industrial Reference Group you will:

- Gain faster access to the project results and be able to influence the strategy of the project plan.
- Receive access to a secure 'IRG Members' area of the project website from which you will be able to access information on the project.
- Attend up to two meetings per year, throughout Europe, for which your travel costs will be reimbursed.

How you can help us

As part of the project we are developing demonstrators, standards and economic and environmental evaluations.

We may, from time to time, ask you what you think of them, is it relevant to the industry and are we addressing the needs of your sector. We will also ask for your feedback on the dissemination and exploitation of the project results.

The FoAM-BUILD project "Functional Adaptive nano Materials and technologies for energy efficient BUILDings" is currently looking to establish such a group. The project which started on 1st September 2013 has received funding from the European Union's Seventh Framework Programme for research, technological development and demonstration.

FoAM-BUILD is characterised by an exceptionally strong industrial participation which will ensure the high commercial relevance of developments.

Close attention has been paid to IPR management and tailored standardisation; dissemination and training activities will ensure wider European benefit.

Foambuild Aims

The aim of the project is to 'develop next generation External Thermal Insulation Composite Systems (ETICS) for new builds and retrofitting applications'. This will be achieved by innovations in active monitoring and control of moisture on the outer façade surface to protect the surface from algae and fungi growth and a nano-cellular foam insulation material with better insulation properties including new environmentally flame-friendly retardants.

By deploying the FoAM-BUILD technology the following expectations are predicted:

- ✓ Energy savings of 192,000 kWh to 288,000 kW over a façade lifetime of 30 years.
- ✓ Extending the service life of the façade surface from 5 to 20 years for a north façade in central Europe by applying the new biofilm protection system.

FoAM-BUILD Partners

SMITHERS RAPRA

norner Innovation through Insight

NEN

Elkem A Bluestar Company

Fraunhofer ICT

Fraunhofer IGB

TBC GÉNÉRATEUR D'INNOVATION

National Centre for Scientific Research "Demokritos"

Ateknea Solutions

sunpor THE EPS-DESIGNER

DAW DEUTSCHE AMPHIBOLIN-WERKE VON ROBERT MURJAHN

Join this group

If you would like to join this group or would like further details on the FoAM-BUILD project, please contact:

Christoph Mack

+49 (0) 721 4640 721

christoph.mack@ict.fraunhofer.de

Anke Hartmann

+49 (0) 721 4640 403

anke.hartmann@ict.fraunhofer.de

Follow us online

Join our LinkedIn Group on **www.linkedin.com/groups/FoAMBUILD-developing-next-generation-External-5160990**

Follow us on Twitter at **@Foambuild13**

For more information visit: **www.foambuild.eu**