



Event:
Date:
Place:

ENERGY in BUILDINGS 2017
Saturday October 21, 2017
Athens, Hellas



WORKSHOP
**Research and Innovation activities in nanotechnology
concerning Energy Efficient Buildings**

 http://innovip-h2020.eu/	Christoph Sprengard Building- and Civil Engineer	
Title:	FIW München, Munich, Germany Head of Department R & D	
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Project title:	Innovative multi-functional Vacuum-Insulation-Panels (VIPs) for the building sector - INNOVIP	
Presentation title:	Vacuum-Insulation-Panels (VIPs) for buildings – from research into market	
<p>First VIP prototypes have been used in building constructions in the late 1990s in Germany. Since then, major developments have been made at all components and production technology, leading to much higher resistance against permeation of dry gases and water vapor. As a result the durability of the panels has gone dramatically up, making VIPs a serious alternative to conventional insulating materials for buildings. The presentation will explain some of these developments and will show the market potential for VIPs in Europe.</p>		

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CV:

Christoph Sprengard, born 1973, is a graduated Building- and Civil Engineer from the University in Kaiserslautern, Germany. Christoph has been working for FIW Muenchen (Research Institute for Thermal Insulation) since his graduation from University in 2001. After more than 10 years as department specialist for thermal transport, thermal bridges in building constructions, building materials, hot-box measurements and vacuum-insulation-panels (VIPs) he became head of the department research and development (R&D) at FIW in 2012. During his time at the University and at FIW, Christoph worked on many research projects and a large variety of topics in the field of energy efficiency of the building envelope, e.g. the application related research in the context of the market entry for VIPs in Germany and Europe, or the development of highly efficient masonry units. Current research topics are related to internal insulation, energy efficiency of the building envelope in both – new built and refurbishments – and questions of economics related to buildings with a very low energy demand. Christoph is coordinating the Horizon 2020 project “INNOVIP”, further developing VIPs for buildings, making them cheaper, easier to use, but nevertheless more durable, reliable and even better performing.

Contact:

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