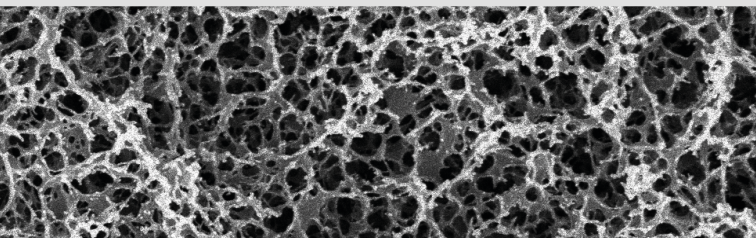




# THEcore Project

Thermally efficient, nanostructured foams  
for vacuum insulation panels



**va-Q-tec**

**SUMTEQ**  
www.sumteq.com

The **THEcore** project aims to characterize and further develop an advanced vacuum insulation panel, which is based on a nanostructured polystyrene foam core having a lower weight compared to existing VIPs.

The core material is produced by a revolutionary new and unique foaming process, recently developed by **SUMTEQ**. The vast experience in VIP technology and analysis of thermal performance by **va-Q-tec** will be fundamental to further improve the thermal efficiency of the product, aiming to establish a new figure-of-merit in the insulation market.

By offering advanced thermal insulation products with improved properties, **THEcore** project will help on the market uptake and exploitation of VIPs, ultimately contributing to the EU strategy of reducing energy consumption and CO2 emission.



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**Duration**  
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