INNOMEM CONSORTIUM

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TU/e Eindhoven University of Technology
Consiglio Nazionale delle Ricerche
vito
Universidad Zaragoza
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iem Institut Européen des Membranes
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Demokritos
LIQTECH CERAMICS
polymem
DBI GUT Gas- und Umwelttechnik GmbH
FURTHR
suk
HTF High Technology Filters SA
Water and Environmental Engineering ECOTECH
FilaTech
Rauschert
CiaoTech by PNO Group
Evonik Leading Beyond Chemistry
ENGIE
H2SITE Membrane reactors for H2 generation
MeSep
tecnalia ventures Technology Value for Growth
UNE Normalización Española
NXFiltration your membrane partner

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PROJECT COORDINATOR

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THE OPEN CALL HELPDESK

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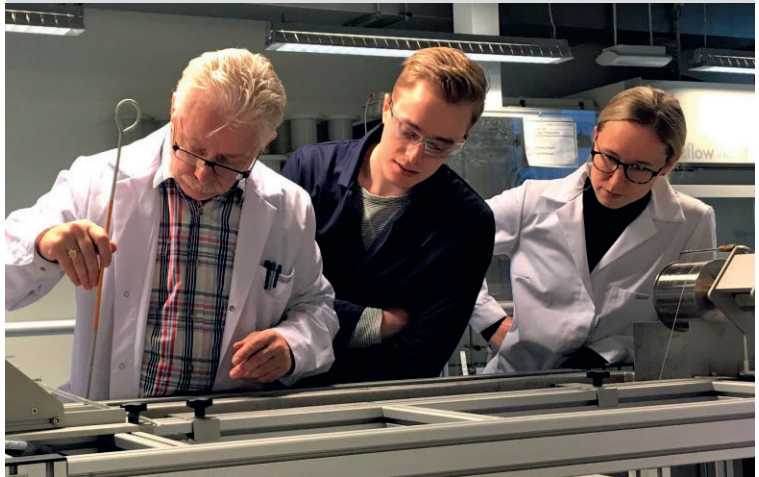

OPEN CALL

SUBMIT your application
from **May 1st**

INNOMEM

Open Innovation Test Bed
for nano-enabled
Membranes

THE PROJECT

INNOMEM aims at developing a sustainable OITB (Open Innovation Test Bed) to foster deployment and scale-up of innovative nano-enabled membranes and their derived products.

Within the scope of INNOMEM, different types of membrane materials (polymeric, ceramic, metallic and nanocomposite), surface modification, membrane morphology and geometry and applications will be covered, providing for the first time a Single Entry Point (SEP) to provide the businesses in the sector with a one-stop-shop of the best available experts and technologies. European companies, mainly SMEs, will access through the SEP to develop, test and adopt, new high performance, multifunctional, safe and environmentally friendly nano-enabled membranes in a cost-effective and sustainable way while opening-up opportunities for demonstration of innovative nanomembranes in real life industrial problems (TRL7) and thus accelerating the market opening for these new products.

INNOMEM gathers some of the most recognised Membrane departments (>20) in Europe and acknowledged facilitators of technology transfer, corporate finance, funding and coaching, making available (i) the most promising and breakthrough manufacturing pilots and (ii) advanced characterization techniques and modelling together with (iii) non-technical services through this Test Bed: while relevant improvement metrics can be defined, the potential network of reachable stakeholders counts thousands of businesses on an international scale.

- Do you want to learn about the technical feasibility of membrane technology for your application?
- Are you innovating in technologies for liquid/gas separation, water treatment, H_2 purification, or CO_2 capture?
- Are you developing and/or deploying solutions using membranes in the environmental, health, petro-chemical or energy sectors?
- Do you need support in process design or modeling involving membrane technologies?

WHO

The call is open to **industry** both large and SMEs.

See how to apply here

WHAT

All successful applicants to the INNOMEM Open Call will get **free access to a network** of **14 Pilot Lines facilities** and services of a covering the full value chain of products based on nano-enabled membranes.

Discover all the available services in our Catalogue