



Open Innovation Test Bed  
for nano-enabled Membranes

- 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<sub>2</sub> purification, or CO<sub>2</sub> 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?

## THE OPEN CALLS

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. The INNOMEM test bed will demonstrate how innovative nanomembranes can be used to address real life industrial problems, opening the market for these new products. INNOMEM will offer its network of facilities and services through a Single-Entry Point (SEP).



### OPEN CALL

### 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





**SUBMIT**  
your application  
from  
**May 1<sup>st</sup>**






### PILOT LINES



- PL1** Dual layer mixed matrix HF manufacturing system
- PL2** Pd-based membrane plating system
- PL3** Grafting of ceramic membranes
- PL4** Nanostructured inorganic micro-tubular-membranes
- PL5** Flat sheet polymer membrane production
- PL6** Zeolite membranes
- PL7** Roll-to-Roll coating of advanced nanophase-segregated ion-exchange polymer membranes

- PL8** Surface nano-structured and functionalized HF
- PL9** Modification of HF by microfluidics
- PL10** In-line modification of nano-coatings on hollow fiber membranes
- PL11** GO/CNTs mixed-matrix membrane system
- PL12** Molecular sieving nanoporous ceramic and CNT membranes system
- PL13** Hollow fiber membrane spinning with improved geometric features
- PL14** Centrifugal potting of HF membranes

## STAY IN TOUCH

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## INNOMEM CONSORTIUM



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