



NewSkin Open Innovation Test Bed

Calling on **start-ups, SMEs, research labs** and **industry** in the field of surface technologies: **free Open Access** to **unique facilities** to **upscale or test surface functionality** of your technology surface or membrane through nanotechnologies.

Unique chance to make use of state-of-the-art upscaling and testing services as well as route to market services for your surface technologies for free!

Explore NewSkin facilities and services catalogue: platform.newskin-oitb.eu

NewSkin is a European Union Horizon 2020 funded Open Innovation Test Bed (OITB), which supports the development and market acceleration of new surface & membrane functionalisation by nanotechnologies, generating a wide range of enhanced surface properties for commercial and personal products in different sectors. NewSkin offers Open Access to facilities for adding, upscaling, characterising and/or accelerated testing of advanced high performance surface functionality.

NewSkin services* include access to 10 upscaling and 9 testing facilities, and route to market services (LCA, nano safety assessment, business planning, and networking).

***Services are available by contract as well as free access via 4 Open Calls**

Offering:

- **Friction losses, wear and vibrations reduction** for components in dynamic conditions.
- **Mass production of textured and coated elements** (plastic, ceramic, metals): continuous production of advanced surfaces on metal coils: hard ice, erosion and corrosion strips for wings and blades, surfaces for improved hydrodynamics, combination of functional surfaces and large area textures for, energy efficiency, energy storage, renewable energy and others.
- **Nano-safe** and automated application **facilities for nano-enabled coatings** including a set of **key testing facilities** to demonstrate the superior performance in extreme conditions.
- **Scaling up and testing facilities for gas/water permeation media:** improved selectivity, anti-fouling, anti-microbial, mono-atomic graphene membranes, graphene oxide and functional layers.
- **Miscellaneous functional layers; textures and coatings:** optical, medical, electronics, heat exchange, barriers for packaging and other functional applications.

4 Open Calls:

Call 3 cut-off date 31 January 2023 | Call 4 expected deadline June 2023

SHORT CALL-BASED APPLICATION PROCESS:

- Make an initial enquiry, and discuss the services for your potential application by contacting the team at **info@NewSkin-OITB.eu**
- **Register** on the NewSkin platform, complete the short **online application form*** and submit.

*Applicants can request an NDA before filling.

CONTACT US

Coordination and Management: info@newskin-oitb.eu

Communication & Press: newskin@aquatt.ie

 **NewSkin OITB**
 **@NewSkinOITB**
newskin-oitb.eu



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 862100 (NewSkin). The output reflects the views only of the author(s), and the European Commission cannot be held responsible for any use which may be made of the information contained therein.

Designed and developed by AquaTT