

Apply now for free access to NewSkin services

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The NewSkin project aims to create an 'Open Innovation Test Bed' (OITB) to provide with technologies, resources and services to uptake a set of innovative processes to manufacture nano-enabled products, and the testing capabilities to demonstrate the features of nano-enhanced goods. During the project execution, there will be four open calls for companies to receive free access to OITB services. Sirris participates with its climatic chamber with ice testing infrastructure for these show cases.



The 'Open Innovation Test Bed' (OITB) will provide the European Innovation Ecosystem with the necessary technologies, resources and services to uptake a set of game-changing, efficient and cost-effective innovative processes to manufacture nano-enabled industrial and consumer products, as well as the necessary testing capabilities to demonstrate the features of nano-enhanced goods.

Open calls

Since the OITB structure has been created, a set of 55 demos with the NewSkin OITB end users are being used to show case the commercial potential of NewSkin across different industries. The OITB has started service provision and NewSkin services are available on a free basis in four different, competitive open calls that will be evaluated every six months over a period of two years.

The next open calls application deadlines are scheduled in July 2022, December 2022 and June 2023. The calls will be open for four months each, with the **deadline for round two applications on 29 July 2022**. For each round of the open calls up to 25 proposals will be awarded. The 25 awarded entities will receive free access to their selected services provided by the OITB.

The offer

OITB services on offer will be according to the available NewSkin OITB value propositions, which include: pilot plants, test sites, LCA and nano-safety assessment, business plan creation, corporate funding, modelling, design, and others.

NewSkin nano-enabled surfaces and membranes technological portfolio includes:

- The complete set of processes for large-scale manufacturing of graphene nano-enabled membranes (from continuous graphene production to nano-pore creation and functionalisation as well as testing facilities).
- Continuous laser texturing, roll to roll (R2R) and texturing during moulding (TDM) nano-textures mass production processes.
- Pilot plant semi-industrial facilities for the definition of efficient automated controlled and nano-safe nano-coating processes for large components.
- Continuous PVD (physical vapour deposition) and CVD (chemical vapour deposition) processes.

One of the themes for demo projects within the NewSkin project include Sirris's services at our climatic chamber with ice testing infrastructure. You can read more on these services our NewSkin projectpage.

For whom?

The types of entities allowed to participate are start-ups, SMEs, research organisations, including higher education establishments, R&D organisations, large enterprises, …

Interested? Read all about the open calls on the NewSkin platform or contact us!

Authors



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