

VIRTUAL OPEN DAY BioNanoPolys Open call

17 February
11.00-12.30 p.m.



Under the project:




Funded by:



The BIONANOPOLYS project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement N° 953206.

How to develop, test or scale up bionanomaterials for free in the BioNanoPolys pilot lines network

 17 February 2023

 11.00 - 12.30 p.m.

 Free

Context:

In this event we will explain **how companies from different sectors can develop, test or scale up bionanomaterials for free** in the BioNanoPolys **network of pilot plants** thanks to an **open call**, to which **applications can be submitted from 17 February to 30 April**.

The **Horizon 2020-funded BioNanoPolys** project offers a network of 14 upgraded pilot lines and transversal process parametrization services such as monitoring and modelling, and business, safety, sustainability, and innovation capabilities. This ecosystem offers a full range of cutting-edge technologies and services from an Open Innovation Test Bed (OITB) to accelerate the market introduction of these bio-based materials with high added-value nanoparticles through a Single-Entry Point (SEP).

These pilot plants network will develop new safe bionanomaterials, polymeric bionanocomposites and materials for multifunctional applications and new advanced applications. The OITB will benefit companies involved in the production of **polymers, cellulose paper, nonwovens, foams, and coatings**, as well as the **packaging, agriculture, food, cosmetics, pharmaceuticals, hygiene, textiles, and 3D printing sectors**.

During the **open call**, whose first deadline for applications will remain open **until 30 April**, companies will be able to submit their applications in order to develop new ideas and projects. A committee will select **5 projects** that will be able to **access to these facilities, capabilities, and services free of charge**.

To explain **how companies can develop, test, or scale up these materials** and benefit from the services offered by the **BioNanoPolys test bed**, ITENE, as project coordinator, is organising this **virtual open day** on 17 February.

Goals:

- To explain the technological challenges addressed by the European BioNanoPolys project to make the **introduction of bio-based nanomaterials on the market** a reality.
- To show the **capabilities and services** that the OITB of the BioNanoPolys project will offer thanks to the performance of experiments with new materials, modelling and simulation services and other consultancy services such as innovation management, compliance with regulations and standards, and technology transfer.
- To present **scenarios and business opportunities in the use of bio-based nanomaterials** for various sectors (packaging, cosmetics, medicine, foams, coatings, 3D printing, textiles and nonwovens, and cellulose paper).
- To present the cooperation possibilities for companies to **test their developments free of charge** in the pilot plants and services offered, with funding from the BioNanoPolys project.

Addressed to:

- Companies producing, supplying, or using biomass, bionanocomposites or bionanomaterials.
- Companies involved in the production of polymers, cellulose paper, non-woven fabrics, foams, or coatings, as well as in the packaging, agriculture, food, cosmetics, pharmaceutical, hygiene, textile, and 3D printing sectors.
- Experts from universities and specialised research centres who want to develop bio-based materials, or who want to validate materials they have developed in-house.

Registrations at:
www.itene.com

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February 2023

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PROGRAMME

17.02.23

- 11.00 – 11.15** Bio-based materials with high added-value nanoparticles: What the BioNanoPolys test bed can offer
Carmen Sánchez – ITENE
- 11.15 – 11.40** BioNanoPolys: Pilot Plant Network and applications in cellulosic materials, advanced bioplastics, textile, functional cosmetics, and food products
Héctor Torres – ITENE
- 11.40 – 11.55** A tour of BioNanoPolys facilities and pilot plants
Elena Torres – AITEX
- 11.55 – 12.10** BioNanoPolys Test Bed: comprehensive services and how to access them (explanation of the SEP, application process and deadlines)
Raquel Moreno – AXIA
- 12.10 – 12.30** Q&A- Development and scale-up of bionanomaterials
Moderator: Carmen Sánchez – ITENE
- **Héctor Torres** – ITENE
 - **Hélène Curmi** – CTP
 - **Sara Fernandes** – CENTI
 - **Steve Mahaut / Marius Costin** – CEA

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