

Open Innovation Test Bed (OITB)

Develop, test or up-scale your bio-based
nanomaterials in our pilot plants!



This project has received funding from the European Union's Horizon 2020 Research and Innovation programme under grant agreement No. 953206.

Do you want to develop biobased nanomaterials and are you asking yourself any of these questions?



I have an innovative idea but I need experts to cover the entire approach



I need easier access to pilot plants for testing my materials



My network is lacking important representatives of the value chain



I do not have the capacity for the non-technical development tasks

IP management, regulations, business development etc.



I need help to bring my product to the market



Join our Bionanopolys Open Innovation Test Bed for!



Development
of safe nano-enabled
bio-based materials



Development
of polymer
bionanocomposites



Development
of materials for
multifunctional &
new advanced
applications



Do you fit into the Bionanopolys scope?

Do you belong to one of these industrial sectors?



Are you part of a legal organisation?

- Large Entities
- SMEs
- Start-up Companies
- Research Centres
- University Groups
- Public entities
- NGO
- Industrial Association / Industrial District / Cluster



What can we offer you?

Technical core services: 14 upgraded pilot lines

NETWORK 1



Nanoadditives &
raw materials

NETWORK 2



Bionano-composites

NETWORK 3



Bionanoproducts

Technical transversal services – Process parametrization

- Quality control & process optimization
- In-line monitoring
- Modelling & Simulation

Non-technical: Route to market

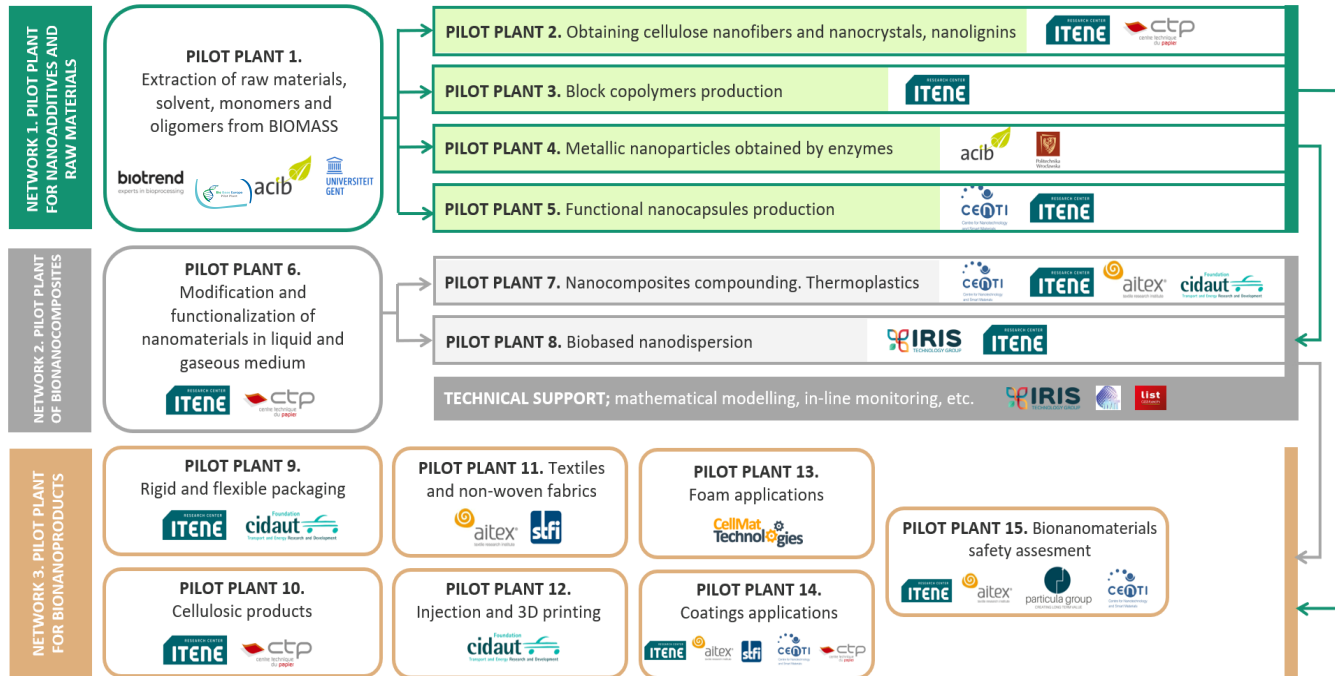
- Life cycle assessment (LCA)
- Safety evaluation of biomaterial
- Compostability & recyclability analysis
- Food safety
- Techno-economic assessment
- Business support

All accessible via the **Single Entry Point (SEP):** www.bionanopolys.eu/opencall



What can we offer you?

Pilot lines of our test bed



Access our Service Portfolio at
www.bionanopolys.eu/pilot-plants



What is the schedule?

Start your submission at www.bionanopolys.eu/open-call

Feb-May 15 2023

Submission

INVITATION FOR NEW USERS TO ACCESS OITB

All BIONANOPOLYS technical, technological and supporting services are ready and accessible for new users.



Jun-July 2023

1st Evaluation

SELECTION OF APPLICANTS

Evaluation by the Management Board of Bionanopolys OITB according to the criteria defined in the guidelines



September 2023

OITB Access 1st cases

NEW TEST CASE OR USER

Start of activities for the selected end users

Services of the OITB will be **free of charge**



Once the free new test cases through the Open Call are covered, all new users can access the OITB services, under fair price and reasonable conditions

Your benefit as a user



Access to an integrated platform of technologies and scientific expertise devoted to the nanotechnology based on **bio-based raw materials**



Efficient support by a comprehensive service portfolio for the development and integration of new **bio-based nano-enabled products**



Experienced help to accelerate the introduction of **biobased nano-enabled materials** into the market



Who we are?

CORE PARTNERS






SHOWCASING



Contact us



Project coordinator:
Carmen Sanchez, ITENE
opencall@bionanopolys.eu

-  www.facebook.com/Bionanopolys
-  www.linkedin.com/company/bionanopolys
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