

Your benefits to join BIOPEN

Become a **BIOPEN** community member to be able to:

- **Inform** yourself about needs, offers, ideas, research projects and available funding in the bio-based sector
- **Join** projects of your interest for production of your sustainable and competitive bio-based products and processes
- **Facilitate** the matchmaking and contact among organisations with specific expertise alongside new and existing value chains
- **Find** grants in a continuously updated database of National and European funding programs
- **Build** your global R & D & I network
- **Access** and share relevant knowledge for innovation processes in the bio-based sector with your professional profile
- **Collect** comprehensive information (patents, research articles, funded projects) of inventions and technical developments.



Innovation management



Bio-based clusters



IT



Networking



Academia



About BIOPEN

BiOPEN is a combined initiative of five bio-based clusters, an innovative IT company, a private networking company, and the leading European innovation management company (CIAOTECH – PNO Group) that is coordinating the project.

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BIOPEN

ACCELERATING AND SUPPORTING
BUSINESS DEVELOPMENT OF BIO-BASED
INDUSTRIES AND DOWNSTREAM SECTORS

European Open-innovation Platform

Searching for a single voice for the bio-based industries in Europe, gathering expertise, promoting engagement by involvement of industry, researchers and academia at European and national level?

BIOPEN is the European Open-innovation Platform that will support you to succeed. It offers:

- A knowledge centre to share information, to collect the prospective and insight of the community, and to provide access to relevant information for markets and product innovations in the bio-based ecosystem.
- An effective open-innovation platform, to favour co-innovation partnerships through matchmaking and knowledge sharing.
- Perspective studies on bio-based products and markets to develop new value chains and favour the emergence of co-innovation partnerships across the value chains.
- Funding opportunities to co-finance the innovation project matchmaking among project ideas and stakeholders for joint development.

Discover what **BIOPEN** can offer and join the **BIOPEN** community today.

www.biopen-project.eu



Project Opportunities

Browse innovative projects to find the right idea for your know-how. Propose your technology or need to find the best partners to advance your idea. Join projects of your interest for the production of your sustainable and competitive bio-based products. While respecting the highest security and privacy standards, the **BIOPEN** platform is capable to easily support matchmaking among projects and stakeholders.

Join and browse open-innovative project of your interest.



Funds for Innovation

Search grants for research and development in our continually updated database of National as well as European funding programs for bio-based industries. Query the whole database of grants with free keywords or specific parameters.

Find the best funding for you project.

Find collaboration

Add your professional profile, increase your visibility and be contacted by other members of the community to start your joint innovation project in the bio-based industries and downstream sectors. Create co-innovation partnerships of academic, technological and prospective experts to bring together ideas within and across value chains.

Build your global innovation, research and development network.



Access knowledge

Perform searches across 50 millions of patents, scientific papers, public websites and organisations containing information about inventions and technical developments from 1985 to today. Inform yourself about all European funded projects for state of the art and benchmarking analysis. Access this information through semantic searches and categorisation.



Create knowledge from information.

Perspective studies

Five perspective studies on upcoming technologies and downstream markets for the following new bio-based products and applications are featured on the **BIOPEN** platform:

1. Novel bio-polymers and oligomers for plastics (PEF, PA12), rubber, adhesives, additives, surfactants and peptides for feed applications
2. Environmentally friendly coatings and packaging materials for food, beverages and flowers to obtain prolonged preservation and consumer protection
3. Products and applications based on lignocellulosic feedstock, mainly wood: technical timber products with enhanced construction properties and base chemicals and building blocks for the chemical industry
4. Drop-in and functionalized bio-aromatics: greening the conventional aromatics market and offering a portfolio of new applications
5. Micro and macro algae for the production of specialty chemicals and high end value added products for dietary supplements, cosmetics and pharmaceutical applications

The studies were validated in four workshops hosted by three European bio-based clusters (Biobased Delta, Smart Chemistry Park and Green Chemistry) and one research centre (NTUA).