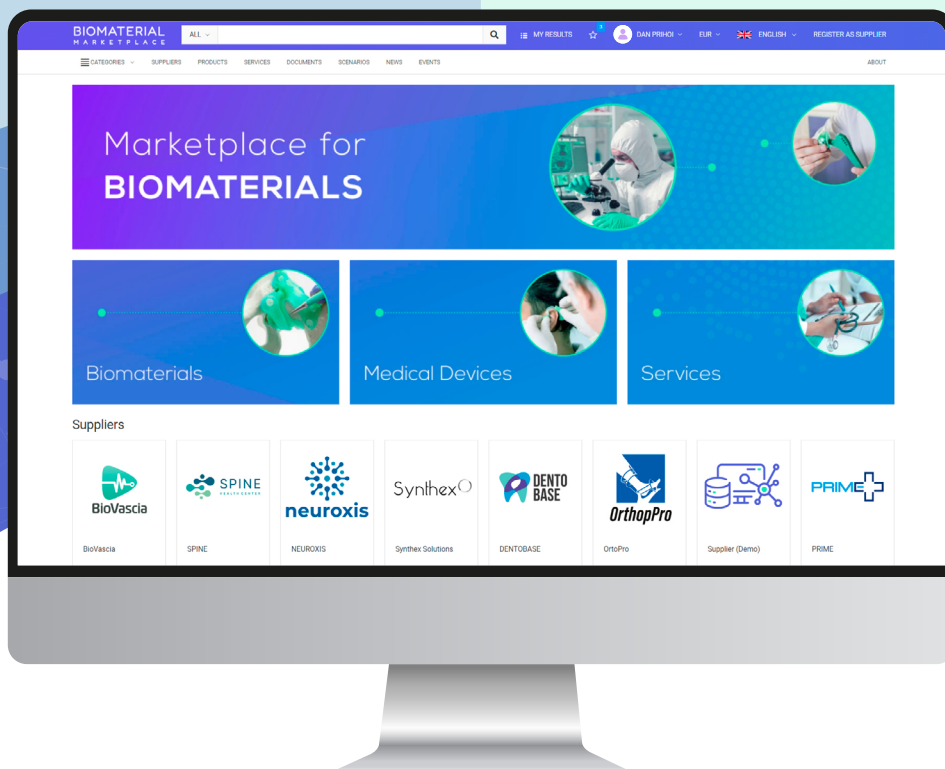


BIOMATERIAL MARKETPLACE



Unlocking Health Innovations:
Your Gateway to Biomaterial Solutions

www.biomaterialmarketplace.com

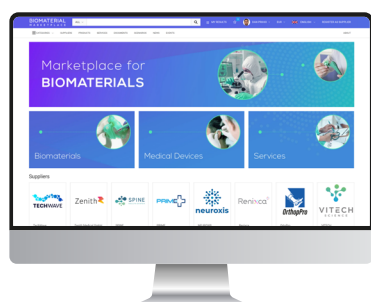
BIOMATERIAL MARKETPLACE

The Biomaterial marketplace has been designed to connect suppliers of biomaterials and/or biomaterial-based medical devices with relevant end-users, potential buyers and other interested stakeholders. Suppliers of biomaterials and medical devices can present themselves through a dedicated organisational profile as well as their products. Additional interactive modules can showcase brochures and news articles, while digital advisors support the identification of relevant solutions.

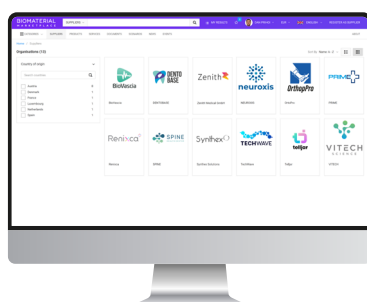
Marketplace Modules

1. **Suppliers:** The Biomaterial Marketplace is specifically designed for suppliers of biomaterials, enabling them to manage their respective products, services, documents, news or other relevant solutions, which they intend to showcase on the Biomaterial Marketplace.
2. **Products:** Each product on the biomaterial marketplace is highlighted via a detailed profile, providing contextual data and images as well as specific product information, like brand name, model name or the global trade item number. Potential end-users can also select solutions, based on their indicated level of biocompatibility, while for products that are still in a developing phase their respective technology readiness level (TRL) is highlighted.
3. **Services:** The Biomaterial Marketplace also lists services, like testing or legal support related to biomaterials, offered by suppliers. The service module allows suppliers to showcase their expertise and provide a wider range of different services, beyond physical products, to potential customers.
4. **Brochures:** In order to highlight individual products or catalogues of different solutions, suppliers can upload brochures, which are presented via a modern web interface or can be downloaded as PDF. End-users are able to select brochures based on a range of filter options like language or document type.
5. **Scenarios:** The marketplace also provides users with an overview of relevant scenarios like use-cases or medical specialities amongst others, linking them to related products and services. Through this approach, users are guided to quickly identify relevant solutions for their precise situation or need.
6. **News:** The Biomaterial Marketplace also includes a dedicated news module, keeping users informed on the latest developments and innovations in the biomaterial sector, by providing news articles, press releases or announcement from suppliers.
7. **Events:** A chronological view of relevant upcoming and past events on biomaterials and related suppliers, such as webinars, workshops, symposiums, and exhibitions are showcased by an additional information module, are linked in an interactive way with the relevant organisations and event hosts.

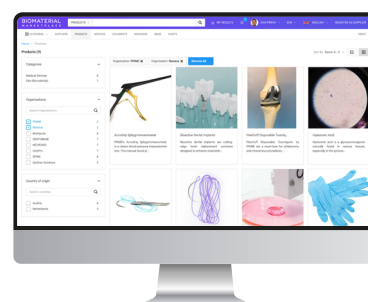
Marketplace Module Overview



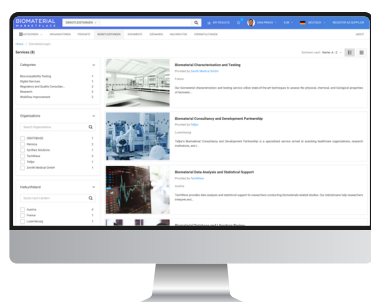
Home



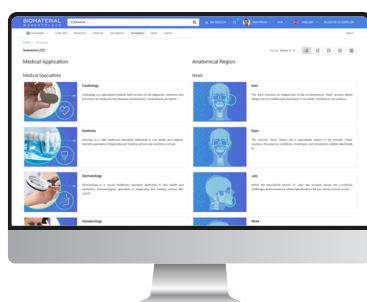
Suppliers



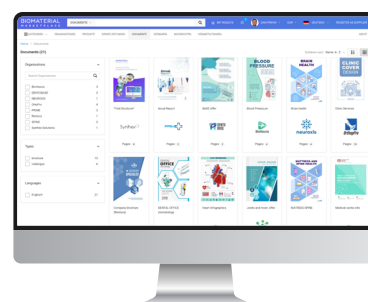
Products



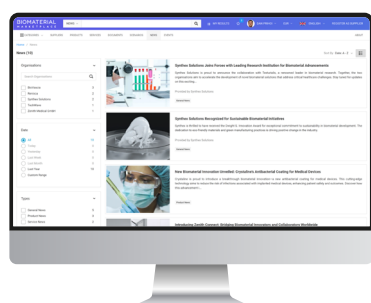
Services



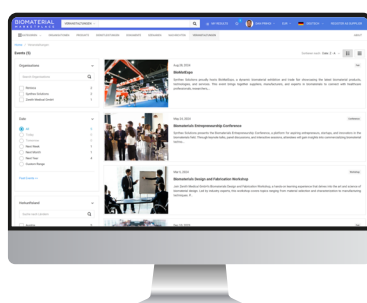
Scenarios



Brochures



News



Events



Labels

Biomaterial Marketplace for Your Project

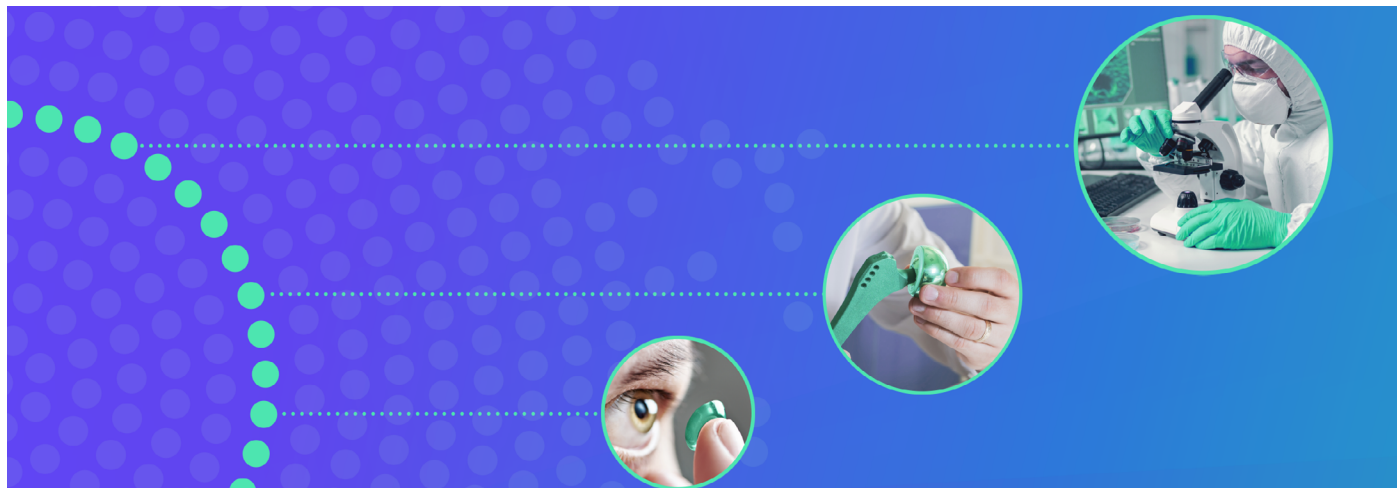
The EC strongly encourages to establish synergies and integrate established solutions, like the Biomaterial Marketplace, into upcoming proposals under programmes like Horizon Europe.

SYNYO thus offers to support your proposal or running project as project partner or subcontractor, through our Biomaterial Marketplace and broad network of partners in the field of biomaterials.

COMMUNICATION, DISSEMINATION, EXPLOITATION: By highlighting your project and integrating relevant solutions and outcomes into the Biomaterial Marketplace, we can present them to a targeted audience and support your related commercialisation and exploitation activities. This can be further enhanced through the creation of videos, info graphics and related dissemination materials.

TAILORED DEVELOPMENT: In order to ensure the sustainability of your outcomes or support your project activities we can also develop new modules tailored to your project or extend existing features of the Biomaterial Marketplace, like our intelligent online advisors or matchmaking and training tools.

BIOMATDB: Advanced Database for Biomaterials with Data Analysis and Visualisation Tools extended by a Marketplace with Digital Advisors



PROJECT FACTS

Funding Scheme: Horizon Europe | CSA

Topic-ID: [HORIZON-CL4-2021-RESILIENCE-01-25](#)



CORDIS: cordis.europa.eu/project/id/101058779

Project: www.biomatdb.eu

Project duration: 30 months (01/06/2022 – 30/11/2024)

Number of partners: [12 from \(+3 subcontractors\)](#)

PROJECT DESCRIPTION

Biomaterials are usually defined as synthetic or natural materials that are used for artificial organs, prostheses or for replacing tissue. Research and development in the field of material science, and in particular synthetic polymers and ceramics, has led to the production of thousands of novel biomaterials, which might revolutionise medical devices and advanced therapies. Thus, the EU has continuously funded biomaterial research projects in the last 25 years, resulting in increased output in the form of publications, patents and clinical trials. One of the main challenges is to provide accessible and well-structured data of biomaterials for researchers, companies, and laboratories. Besides the metadata of biomaterials and their properties, data on their biocompatibility, performance and safety are very important as well.

The BIOMATDB project will tackle these challenges by creating an advanced database for biomaterials as well as a biomaterial marketplace. The Biomaterial Database will provide detailed information on biomaterials and their properties. Additionally, flexible data analysis and visualization tools will facilitate the search and selection process. To support companies, especially SMEs, in offering their products and properly presenting themselves at global scale, BIOMATDB will provide a web-optimized biomaterial marketplace and digital advisors, thus helping the needs of supplier and demanders on the market. Finally, the project will create a label of biocompatibility to define the suitability of biomaterials for their use in medical devices or advanced therapies and assist companies, especially SMEs, in choosing and facilitating market access for their products.

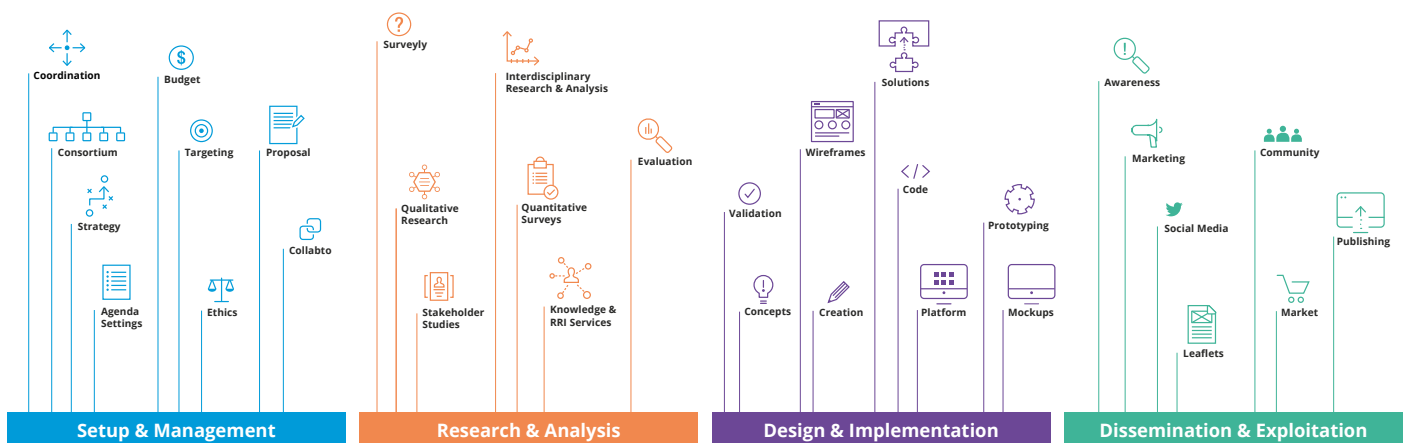
ORGANISATION PROFILE

SYNYO GmbH

SYNYO

Vienna, Austria | 40+ Employees | Researchers, Engineers, Developers, Creatives

SYNYO GmbH, an SME based in Vienna, Austria, is an independent **research, innovation and technology organisation that explores, develops and implements novel technologies** to tackle major societal challenges. We focus on increasing the knowledge and understanding of social, economic and political dynamics within society as well as on the identification of related future technological demands and the development of creative solutions for addressing such challenges.



As such, the interdisciplinary team at SYNYO consists of high-skilled employees specialized in various social and technical domains, including **research, requirement analyses, application design, software engineering, data analytics, and information visualization**. This expertise is applied to tackle contemporary challenges in various disciplines such as **youth, education, radicalisation, deviant behaviour, science communication, big/open data research, digital futures, and smart technologies**.

Beyond its research and innovation expertise, SYNYO has a dedicated software development team to carry out ICT related innovation from analyses to deployment. Key system attributes for SYNYO include collaborative systems operated by large end-user groups, **awareness hubs, open information platforms, and modern graphical interfaces** to transmit a bigger visual human perception, as well as keeping security and lean management as a baseline for successful solutions. Furthermore, SYNYO has access to a vast network of technology providers, industry leaders, academic institutions, practitioners and city networks.

SYNYO has been coordinator of 50+ research and innovation projects so far and has been involved in 80+ research and innovation projects.

WEB LINKS

www.synyo.com/projects | www.synyo.com/partners | [Link to EU Partner Profile](#)

CONTACT

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 www.biomaterialmarketplace.com

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