

WEBINAR

A Deep Dive into the BIOMATERIAL MARKETPLACE

When: February 6, 2025 | 10:00–11:30

Where: Online



BIOMATDB 



Funded by the European Union

MINDS & SPARKS



Funded by the European Union. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or European Health and Digital Executive Agency. Neither the European Union nor the granting authority can be held responsible for them.

Time	Topic	Presenter
10:00 - 10:05	Welcome & Announce recording	Alexander Nikolov - SYNNO GmbH, Austria
10:05 - 10:10	Getting to know our audience – short survey	Alexander Nikolov - SYNNO GmbH, Austria
10:10 - 10:25	Introduction to the BIOMATDB Project	Alexander Nikolov - SYNNO GmbH, Austria
10:25 - 10:40	Discovering the BIOMATERIAL MARKETPLACE: Advantages for Companies and Buyers	Celine Rabé - MINDS & SPARKS GmbH, Austria
10:40 - 10:55	Live Demo of the BIOMATERIAL MARKETPLACE	Celine Rabé - MINDS & SPARKS GmbH, Austria Jakob Seper - SYNNO GmbH, Austria
10:55 - 11:30	Q&A	All participants

HOUSEKEEPING RULES



The session will be **entirely recorded** and published on the BIOMATDB project website.



All participants except speakers and moderators will be **muted by default**.



Feel free to post your questions in the **chat**.



If you would like to speak, raise your hand and wait for the moderator to give you the floor.

SHORT SURVEY – 1 min



Introduction to the BIOMATDB Project

Advanced Database for Biomaterials with Data Analysis and Visualisation Tools Extended by a Marketplace with Digital Advisors

SYNYO GmbH

Alexander Nikolov | Research Manager & Project Coordinator



MINDS & SPARKS



This project has received funding from the European Union's Horizon Europe Coordination & Support Action under Grant Agreement No 101058779.

FACTS & FIGURES

Key information

Programme

Horizon Europe

Project Type

Coordination and Support Action

Project duration

33 months (01/06/2022 – 28/02/2025)

Partners

12 from (+3 subcontractors)

8 countries

Budget

€2,799,150.00

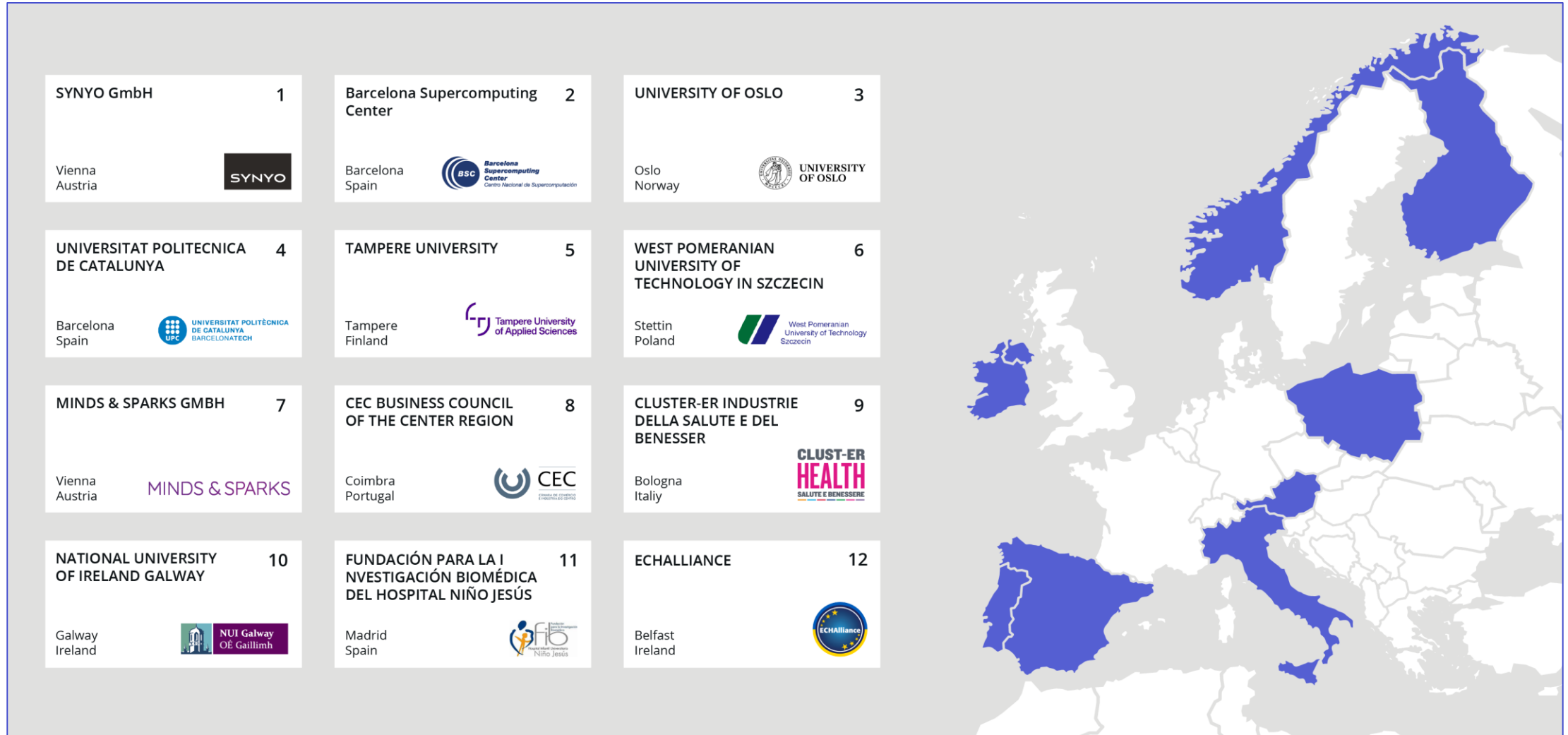
Topic description (Extract)

*„One of the main challenges is to provide **accessible and well-structured data of biomaterials** for all relevant practitioners and user groups.“*

Project is expected to (Extract)

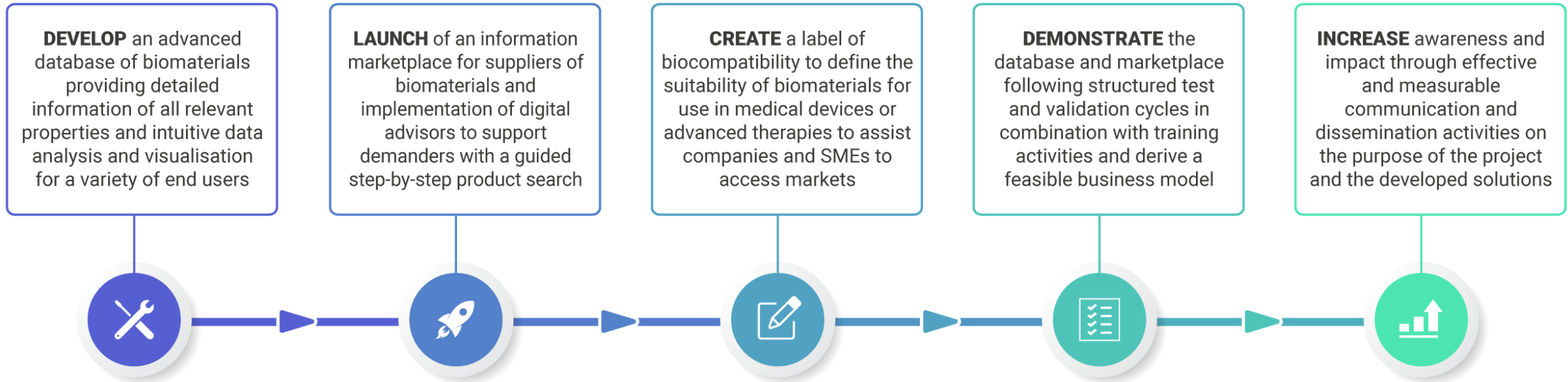
*“Create a database of biomaterials, providing detailed information on the **chemical-physical, biological and toxicological properties** accessible to wide variety of end-users, for e.g. researchers, companies and clinicians for the purposes of evaluating the biological and clinical usefulness also in the **areas beyond their intended primary applications**“*

Partner Map



OBJECTIVES

Key Information



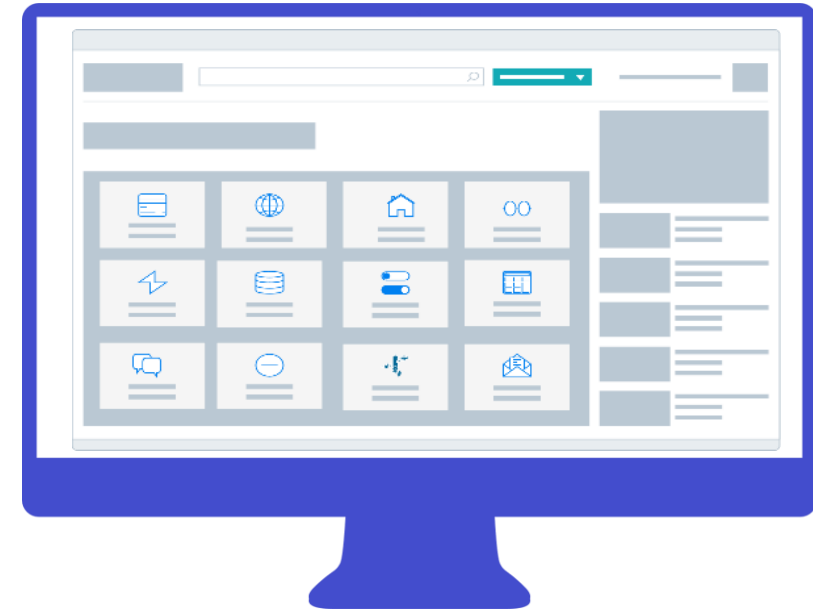
Biomaterial Database



Biomaterial Database, providing detailed information on the chemico-physical, biological and toxicological properties accessible to a wide variety of end-users such as researchers, companies, clinicians, etc.

www.biomaterialdatabase.com

Biomaterial Marketplace



Visual representation of the **supplier organisations** and their **biomaterial products**, focusing on B2B / B2G and addressing professional demanders like industry, hospitals, medical institutes, universities, ministries etc.

www.biomaterialmarketplace.com

EXPECTED PROJECTS IMPACTS

Advanced Database and Marketplace for Biomaterials



Improved access to valuable data and tools by linking to external resources for cross disciplinary data exploitation and integration



Domain specific text mining, data analysis, visualisation tools and decision support mechanisms in context of biocompatibility



Improved biomaterials research, development and exploitation cost-effectiveness for applications through shared biomaterials knowledge bases



Economic impact based on an extensive data pool with deep analysis capabilities and advanced data visualisation options

EXPECTED PROJECTS IMPACTS

Advanced Database and Marketplace for Biomaterials



Raising awareness on sharing and big data awareness and interest among the biomaterial research community and industry



Support for the suppliers of biomaterials (companies, especially SMEs) in choosing and facilitating market access



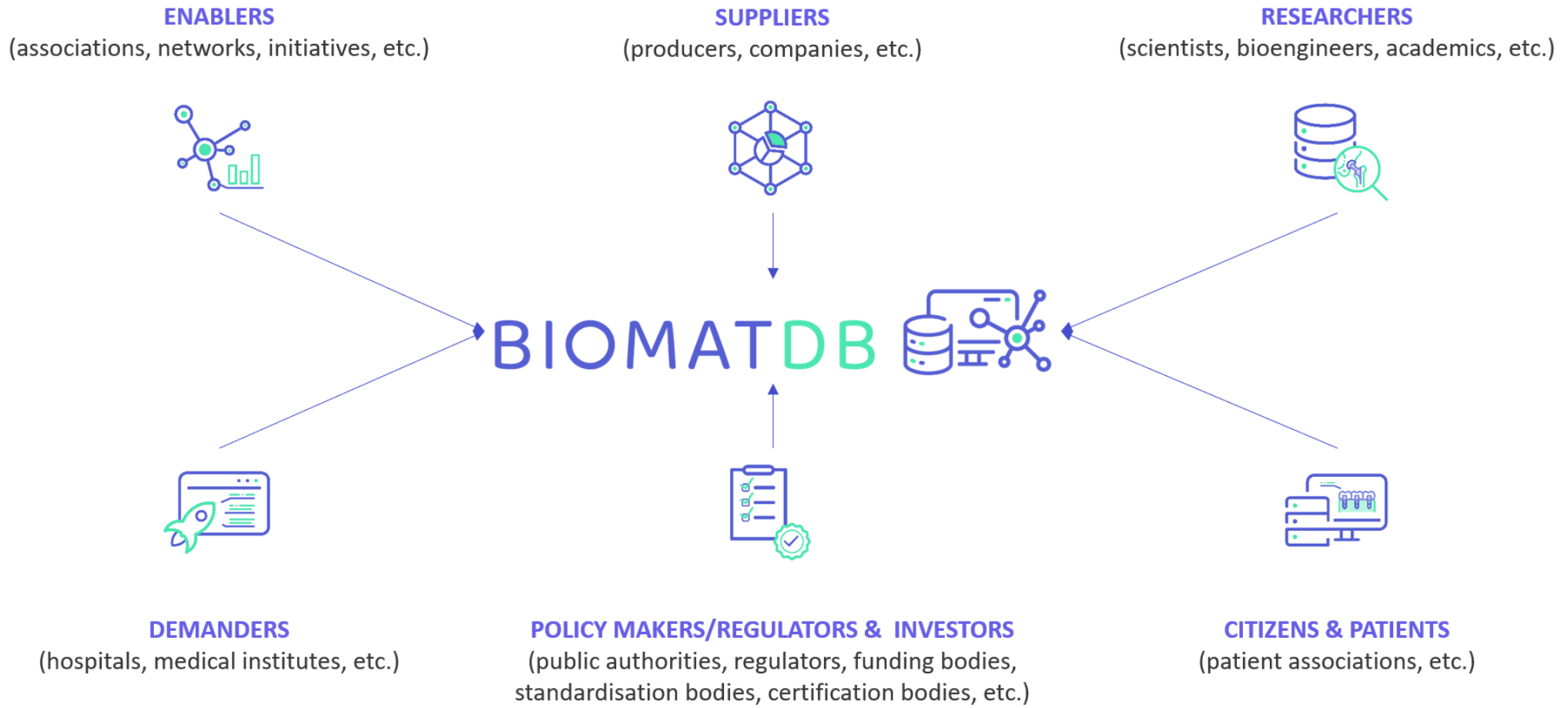
Increase the public acceptance of Artificial Intelligence and related modern technologies and its benefits



Impact on the competitiveness of the European Union in the field of biomaterials, medical devices and biomedical engineering

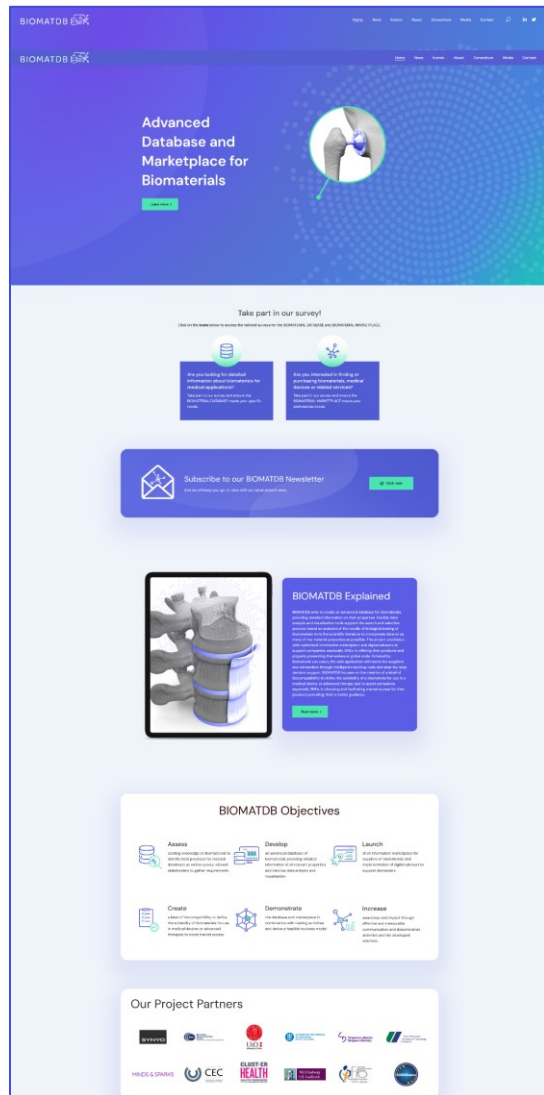
BIOMATDB PROJECT ECOSYSTEM

Main stakeholders

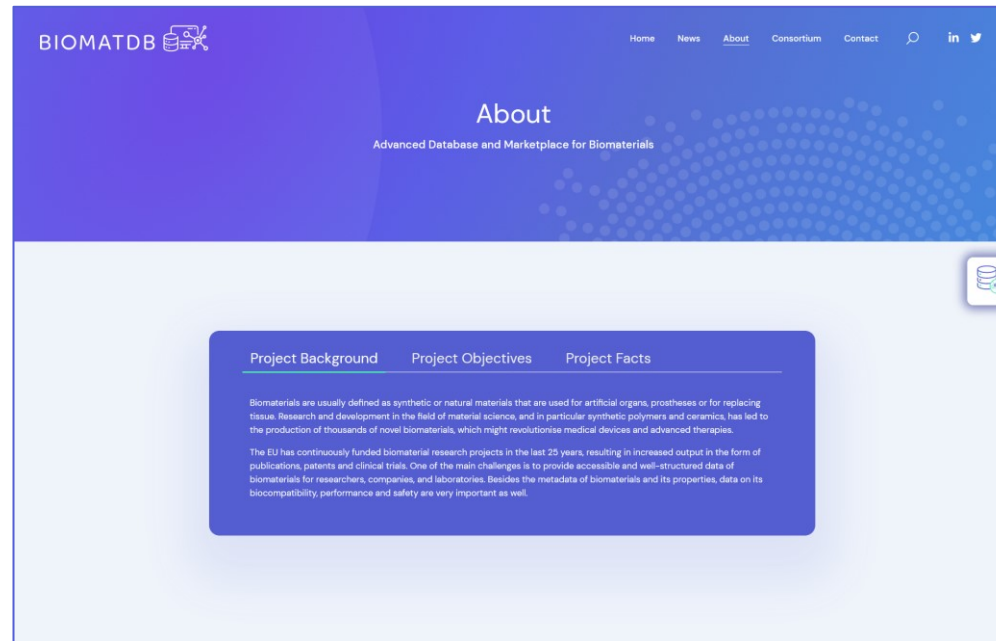


DISSIMINATION & COMMUNICATION

Project website | <https://biomatdb.eu/>



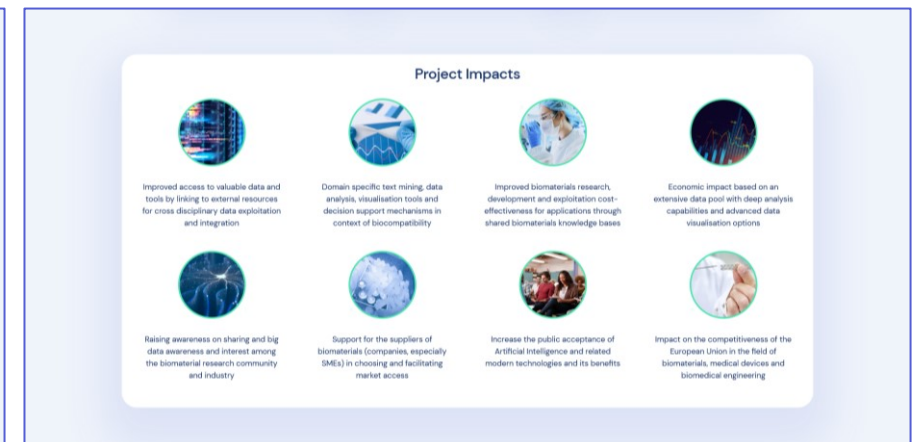
The screenshot shows the BIOMATDB homepage with a blue and purple gradient background. The main heading is "Advanced Database and Marketplace for Biomaterials". Below this, there is a "Take part in our survey!" section with two icons and a "Subscribe to our BIOMATDB Newsletter" button. Further down, there is a "BIOMATDB Explained" section with an image of biomaterials and a "BIOMATDB Objectives" section with three columns of icons and text. At the bottom, there is an "Our Project Partners" section with logos of various organizations.



The screenshot shows the "About" page of the BIOMATDB website. The header includes the BIOMATDB logo and navigation links: Home, News, About, Consortium, Contact. The main heading is "About" with the subtitle "Advanced Database and Marketplace for Biomaterials". Below this, there are three tabs: "Project Background", "Project Objectives", and "Project Facts". The "Project Background" tab is active, showing a paragraph of text: "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. The EU has continuously funded biomaterial research projects in the last 20 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 its properties, data on its biocompatibility, performance and safety are very important as well."



The screenshot shows the "Project Methodology" page of the BIOMATDB website. The header includes the BIOMATDB logo and navigation links: Home, News, About, Consortium, Contact. The main heading is "Project Methodology". Below this, there are three columns of images and text: "ADVANCED DATABASE & DATA ANALYSIS AND VISUALISATION TOOLS", "INFORMATION MARKETPLACE & DIGITAL ADVISORS", and "LABEL OF BIOCOMPATIBILITY FOR BIOMATERIALS".



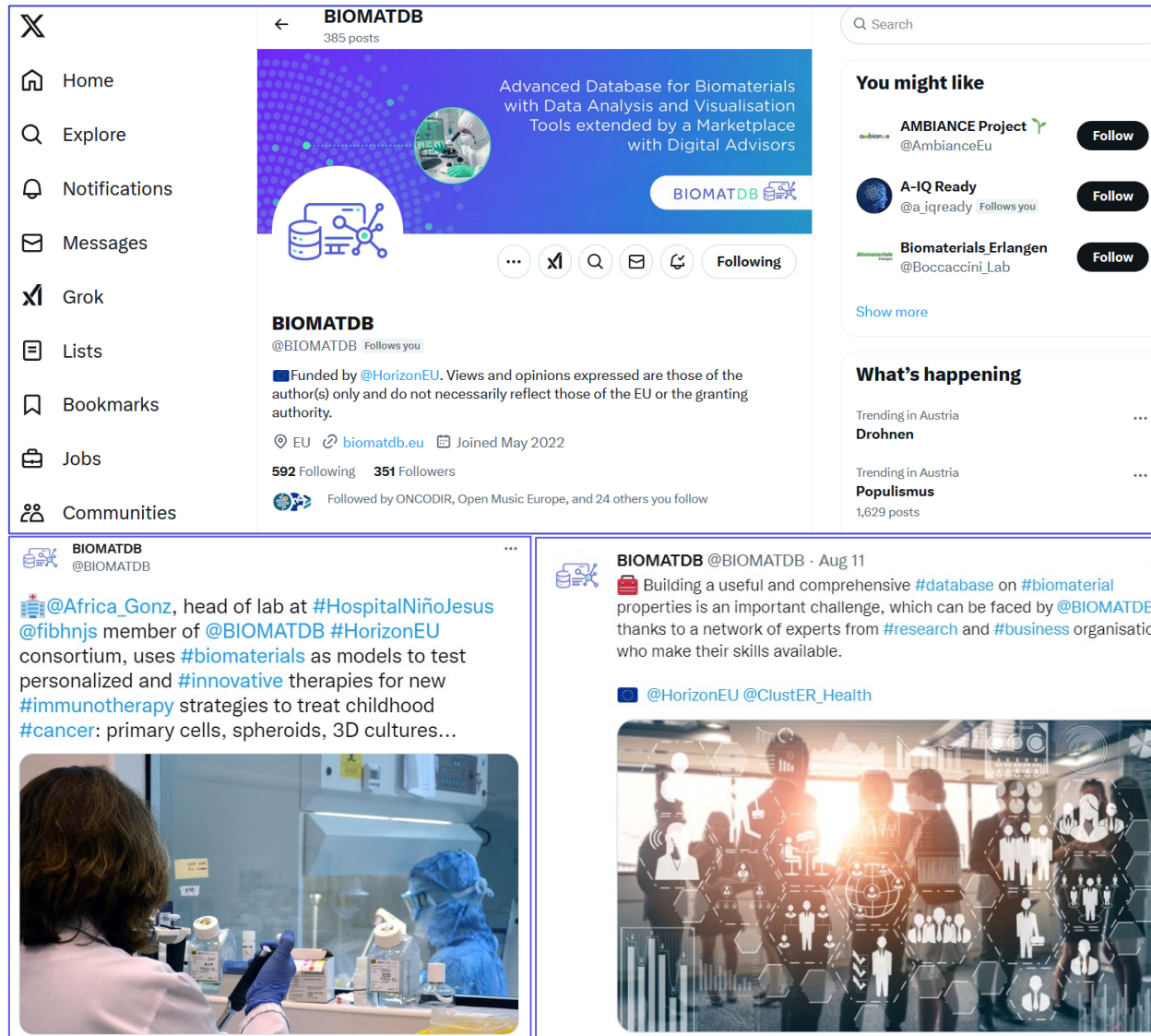
The screenshot shows the "Project Impacts" page of the BIOMATDB website. The header includes the BIOMATDB logo and navigation links: Home, News, About, Consortium, Contact. The main heading is "Project Impacts". Below this, there are eight circular icons, each with a corresponding text block describing an impact: "Improved access to valuable data and tools by linking to external resources for cross disciplinary data exploitation and integration", "Domain specific text mining, data analysis, visualisation tools and decision support mechanisms in context of biocompatibility", "Improved biomaterials research, development and exploitation cost-effectiveness for applications through shared biomaterials knowledge bases", "Economic impact based on an extensive data pool with deep analysis capabilities and advanced data visualisation options", "Raising awareness on sharing and big data awareness and interest among the biomaterial research community and industry", "Support for the suppliers of biomaterials (companies, especially SMEs) in choosing and facilitating market access", "Increase the public acceptance of Artificial Intelligence and related modern technologies and its benefits", and "Impact on the competitiveness of the European Union in the field of biomaterials, medical devices and biomedical engineering".



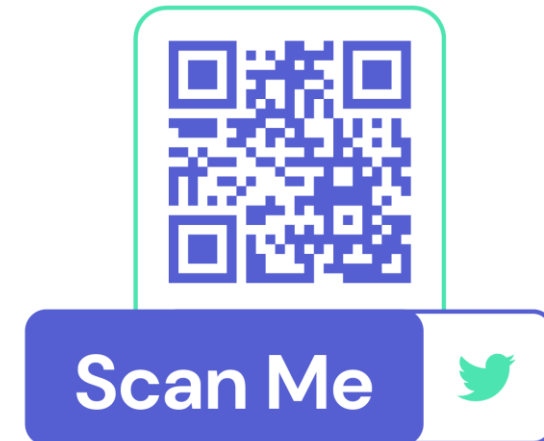
Scan Me 

DISSIMINATION & COMMUNICATION

Twitter account | <https://x.com/BIOMATDB>




The image shows a screenshot of the BIOMATDB Twitter profile and a tweet. The profile header includes the name "BIOMATDB" with 385 posts, a bio describing it as an "Advanced Database for Biomaterials with Data Analysis and Visualisation Tools extended by a Marketplace with Digital Advisors", and a "Following" button. The bio also mentions funding by @HorizonEU and provides the website biomatdb.eu. The "You might like" section lists accounts like AMBIANCE Project, A-IQ Ready, and Biomaterials_Erlangen. The "What's happening" section shows trending topics in Austria like "Drohnen" and "Populismus". A tweet from BIOMATDB @BIOMATDB dated Aug 11 discusses the challenge of building a comprehensive database for biomaterial properties, mentioning a network of experts and tags like #research and #business. The tweet includes a photo of a person in a lab coat working in a laboratory.



DISSIMINATION & COMMUNICATION

LinkedIn account | <https://www.linkedin.com/in/biomatdb/>



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

BIOMATDB Project · 1st
Horizon Europe Project at European Consortium
Vienna, Vienna, Austria · [Contact info](#)
483 connections
European Pole of Knowledge, LEAGUE Project, and 74 other mutual connections

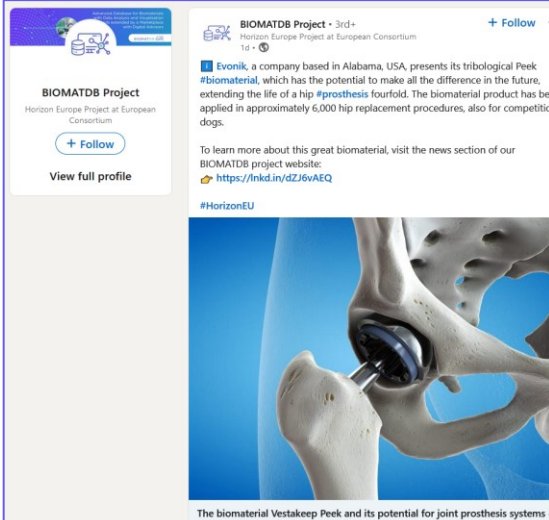
[Message](#) [More](#)

About

Welcome to the BIOMATDB Project LinkedIn page. The main aim is to provide a continuous feed and concise information about the main ongoing activities, outcomes, future plans, and also a universal platform for communication between various stakeholders and professionals in the field of biomaterials, database, data analysis, digital advisors and marketplaces.

To this end, the project will have a significant impact on the findability and searchability of existing biomaterials at the pan-European level. Furthermore, it is an enabler for better uptake of biomaterials in future health applications and medical therapies.

Funded by the European Union. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or European Health and Digital Executive Agency. Neither the European Union nor the granting authority can be held responsible for them.




BIOMATDB Project · 3rd+
Horizon Europe Project at European Consortium

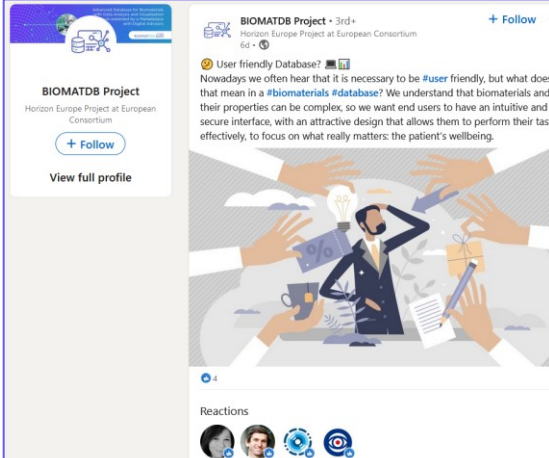
Evonik, a company based in Alabama, USA, presents its tribological Peek #biomaterial, which has the potential to make all the difference in the future, extending the life of a hip #prosthesis fourfold. The biomaterial product has been applied in approximately 6,000 hip replacement procedures, also for competition dogs.

To learn more about this great biomaterial, visit the news section of our BIOMATDB project website:
<https://lnkd.in/gZJ6vAEQ>

#HorizonEU




The biomaterial Vestakeep Peek and its potential for joint prosthesis systems - BIOMATDB



BIOMATDB Project · 3rd+
Horizon Europe Project at European Consortium

User friendly Database?

Nowadays we often hear that it is necessary to be #user friendly, but what does that mean in a #biomaterials #database? We understand that biomaterials and their properties can be complex, so we want end users to have an intuitive and secure interface, with an attractive design that allows them to perform their tasks effectively, to focus on what really matters: the patient's wellbeing.



Reactions



Scan Me 

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BIOMATDB Webinars

We are happy to announce that the BIOMATDB Project will host two webinars in February, introducing the solutions developed within the project

A Deep Dive into the Biomaterial Marketplace

Introducing the Biomaterial Marketplace – the first webinar called “A Deep Dive into the Biomaterial Marketplace” will take place on February 6, 2025, from 10:00-11:30. During the webinar, BIOMATDB partners will introduce the project and the marketplace, providing a live demo of its key functionalities.

WEBINAR
A Deep Dive into the BIOMATERIAL MARKETPLACE
When: February 6, 2025 | 10:00-11:30
Where: Online

BIOMATDB

[Register here!](#)

Empowering Research with the Biomaterial Database

Insights into the Biomaterial Database – the second webinar, “Empowering Research with the Biomaterial Database: Tools and Insights”, will be hosted on February 11, 2025, from 10:00-11:30. This event will introduce the biomaterial database, including information about its wide array of features and a live demonstration of how it can be used by biomaterial researchers.

WEBINAR
Empowering Research with the BIOMATERIAL DATABASE: Tools and Insights
When: February 11, 2025 | 10:00-11:30
Where: Online

BIOMATDB

[Register here!](#)

The webinars are open to anyone interested – we are looking forward to seeing you there!

View this email in your browser

BIOMATDB Newsletter - December 2024

As the BIOMATDB Project is slowly approaching its final months, the consortium is working hard on finalising the solutions to make sure that the biomaterials database and marketplace are tailored exactly to your needs. In this newsletter, we update you on our latest developments and progress made in the past months.

What have we been working on?

Exciting News: The Biomaterial Database is Now Online!

We are thrilled to announce that the Biomaterial Database is officially live and ready for use via <https://biomaterialdatabase.com/>. This comprehensive resource is designed to support researchers, offering easy access to a wealth of information on various biomaterials.

[Check it out!](#)

We invite you to explore the database and take advantage of its features to enhance your research. Your feedback is incredibly valuable to us as we strive to improve the platform. Please share your thoughts and suggestions through our survey link until the 15th of December.

[Feedback Survey](#)

Present yourself on the Biomaterial Marketplace

The Biomaterial Marketplace has been launched via biomaterialmarketplace.com. On the marketplace, suppliers of biomaterials and medical devices can present themselves via an organisation profile. The supplier's products and services can be showcased in a structured way together with additional modules, such as brochures, news articles and events. Are you a supplier of biomaterials or biomaterial-based medical devices? We recognize the challenges of entering new markets, securing funding, and expanding your customer base. On our Biomaterial Marketplace, you can:

- ◆ Showcase your Innovations: Present your products and cutting-edge equipment.
- ◆ Promote your Services: Offer consulting, regulatory compliance services, and more.
- ◆ Enhance your Market Presence: Network with industry key players and boost visibility.

[Register now!](#)

Your participation matters - please share your feedback

[Feedback Survey](#)

View this email in your browser

BIOMATDB Newsletter - Summer 2023

Time flies when you are making progress: our consortium celebrates 1 year of the BIOMATDB project! This is now the perfect time to let our subscribers, supporters and contributors know what we have been up to in the past six months and in which direction our project is heading.

Recent progress in BIOMATDB

For the past six months, the project consortium heavily focused on the development of the technical solutions, the biomaterial database and marketplace. Significant advancement has been achieved in this area and the development of the database and marketplace are strongly and continuously progressing. Next steps include the demonstration and validation of the two solutions, which the consortium is currently planning.

If you are interested in more in-depth insights into our research findings and methodologies, check out the news articles on our [Project Website!](#) There, regular updates are being posted by our expert partners. These include, for example, insights into:

- The project's [dissemination and communication strategy](#).
- BIOMATDB's [user-centric approach](#)
- [Text mining procedures](#)
- Biomaterial and medical device regulations

...and more!

Event participation

To spread awareness about the project and directly get in touch with stakeholders from all target groups, BIOMATDB partners are continuously participating in events all over Europe and beyond. There, we are presenting our project to audiences from different fields in the biomaterial domain, sharing materials and connecting with interested parties. Some selected events where partners participated recently include:

- The conference "Bio-based polymers at the forefront of innovation in materials science", which took place in April 2023 in Italy
- The Expobiotec 2023 - VI Fair of Biotechnology and Bioengineering, which took place in April 2023 in Portugal
- The BIO International Convention in June 2023 in Boston
- The conference "BIOMATERIALS From Basic Science of Nature's Material Design to the Biotech Industry", which took place in June 2023 in Israel

To stay up-to-date with past and upcoming participation of BIOMATDB in different events, make sure to take a look at our [Twitter](#) & [LinkedIn](#) channel, where we share regular updates.





BIOMATERIAL

M A R K E T P L A C E

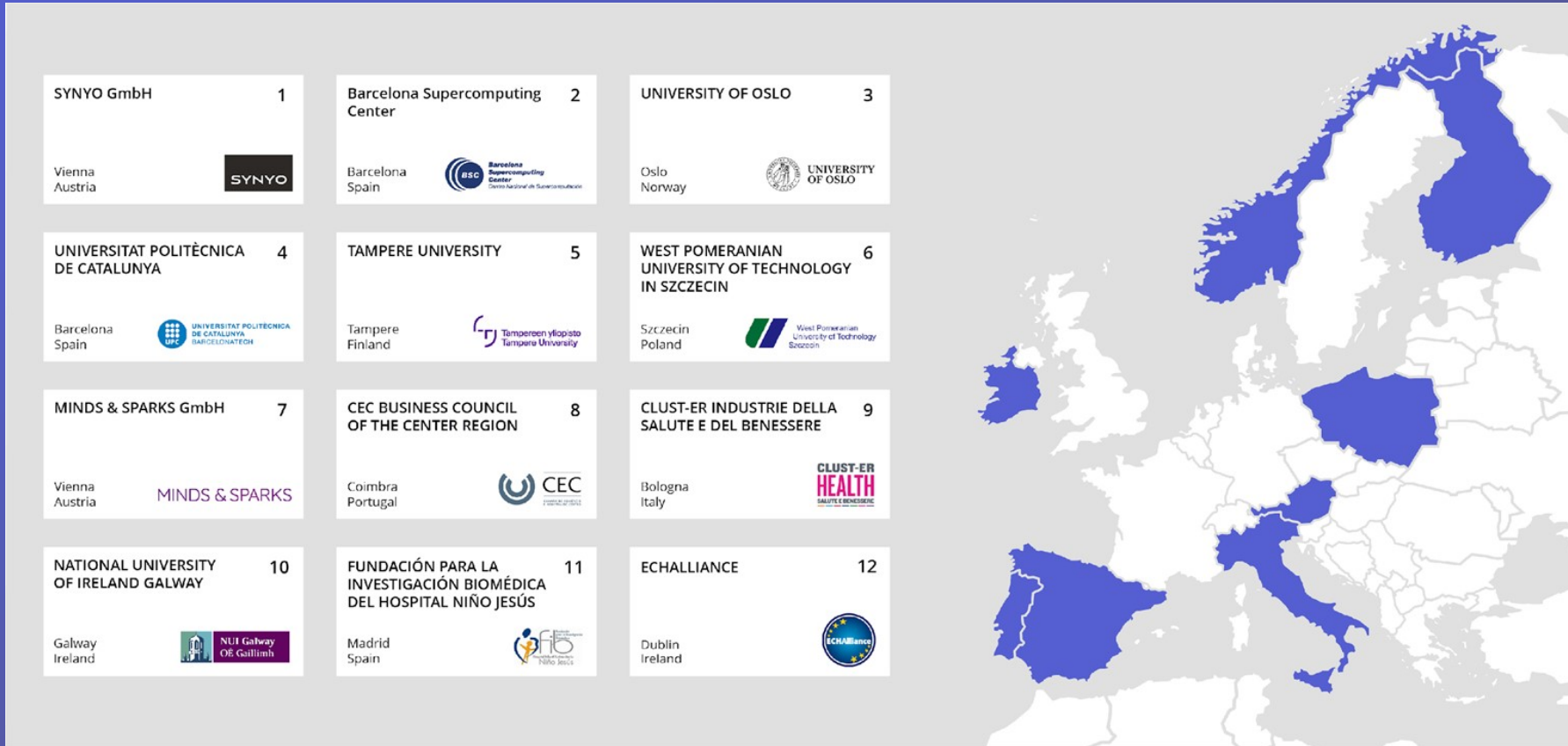
YOUR PARTNER FOR MEDICAL BIOMATERIALS



MISSION

Assist companies in facilitating market access and increase visibility for their organisation, products and services.

MEET OUR EXPERT TEAM



Osnat Hakimi

Researcher / DEBBIE Project Lead



Yannis Missirlis

Biomaterial Pioneer / Professor



Carla V Fuenteslópez

Bioengineer

UNIQUE



Developed by experts

- Created with leading biomaterials experts
- Exhibits a wide array of product features
- Backed by feedback surveys



Specialised for biomaterials

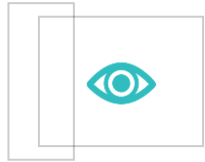
- Unique platform for biomaterials and biomaterial-based medical devices
- Provides extensive information on each biomaterial and medical device
- Adapted product information for each biomaterial category



Designed for innovation

- Displays both approved and novel biomaterials
- Showcases cutting-edge advancements in biomedicine
- Encourages ongoing development and research

YOUR BENEFITS!



Enhanced Visibility

Showcase products, brochures, and services to a broad audience



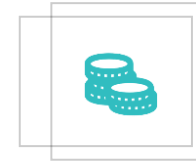
Wide Range

Present a wide range of offerings: medical biomaterials, raw materials, equipment, and services



Networking

Connect with key players in the industry, fostering partnerships and collaborations



Funding

Gain visibility among European actors



User Friendly

Straightforward registration process for suppliers on the AdminBase

Success

PRESENT A WIDE RANGE OF OFFERINGS



Medical Biomaterials

Bioinks, Bone Substitute Materials, Drug Delivery Systems, Hemostatics, Implants, Instruments & Surgical Kits, Membranes, Prosthetics, Soft Tissue Grafts, Tissue Scaffolds, Wound Dressings



Software

CAD/CAM etc.



Raw Materials

Ceramics, Composites, Metals, Polymers



Services

Consulting & Regulatory Compliance, Design & Development, Maintenance & Repairs, Manufacturing & Fabrication, Testing & Analysis



Equipment

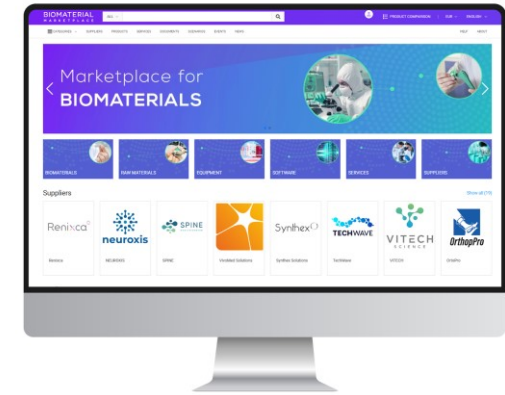
Bioprinters, etc.

OUR MODULES



Suppliers

Manage your profile, products, services, documents, news etc. for listing on the marketplace.



Products

Present each product with a detailed profile, images and comprehensive product features. Extensive filtering options will guide users to find your solutions.



Services

Offer or find a wide variety of services, including testing and legal support related to biomaterials.



Documents

Upload brochures. Users can filter documents by language and document type & download PDFs.



News

Keep customers up-to-date with a dedicated news module. Showcase latest developments & innovations.



Events

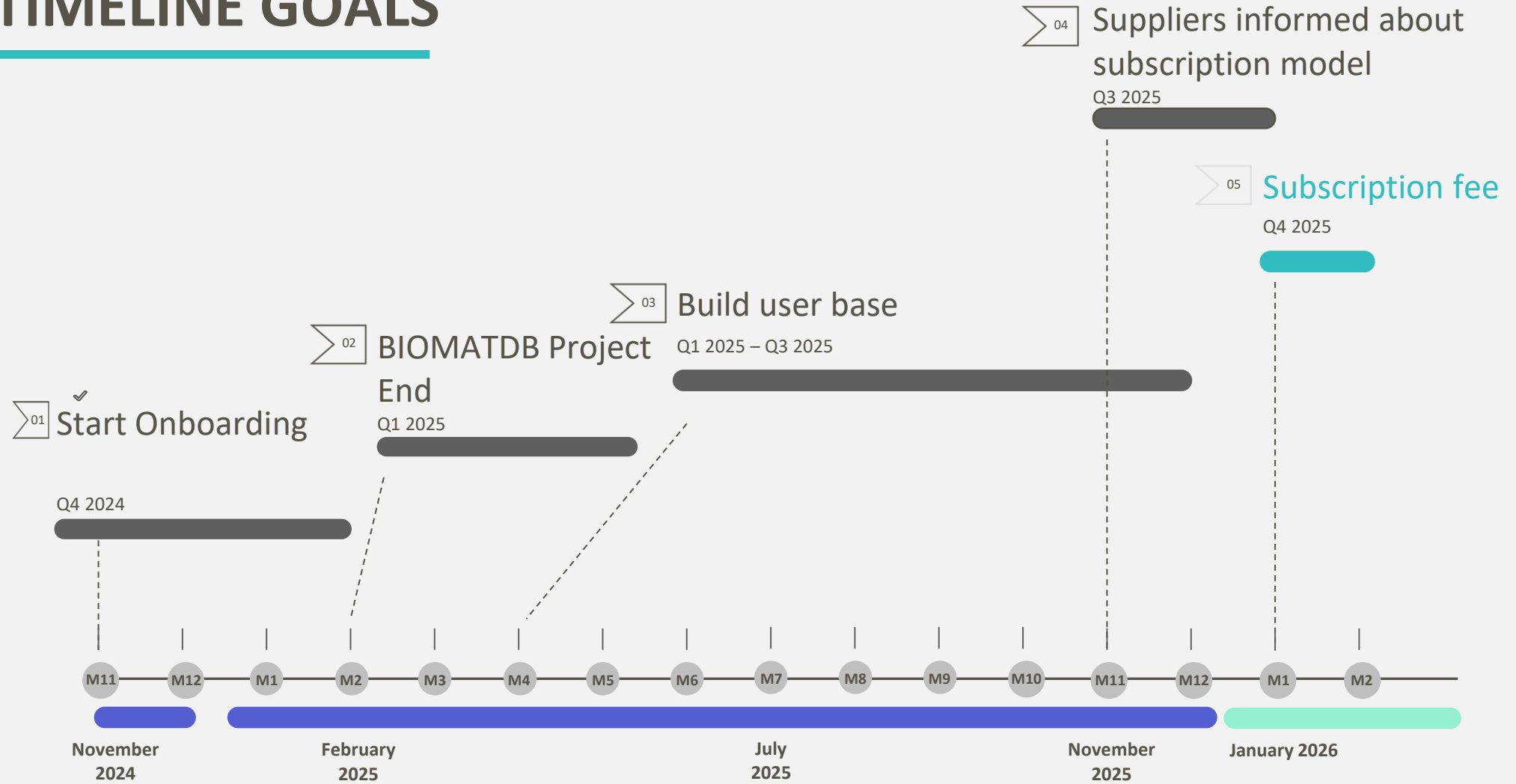
Access an interactive events module for webinars, workshops, symposiums, and exhibitions.



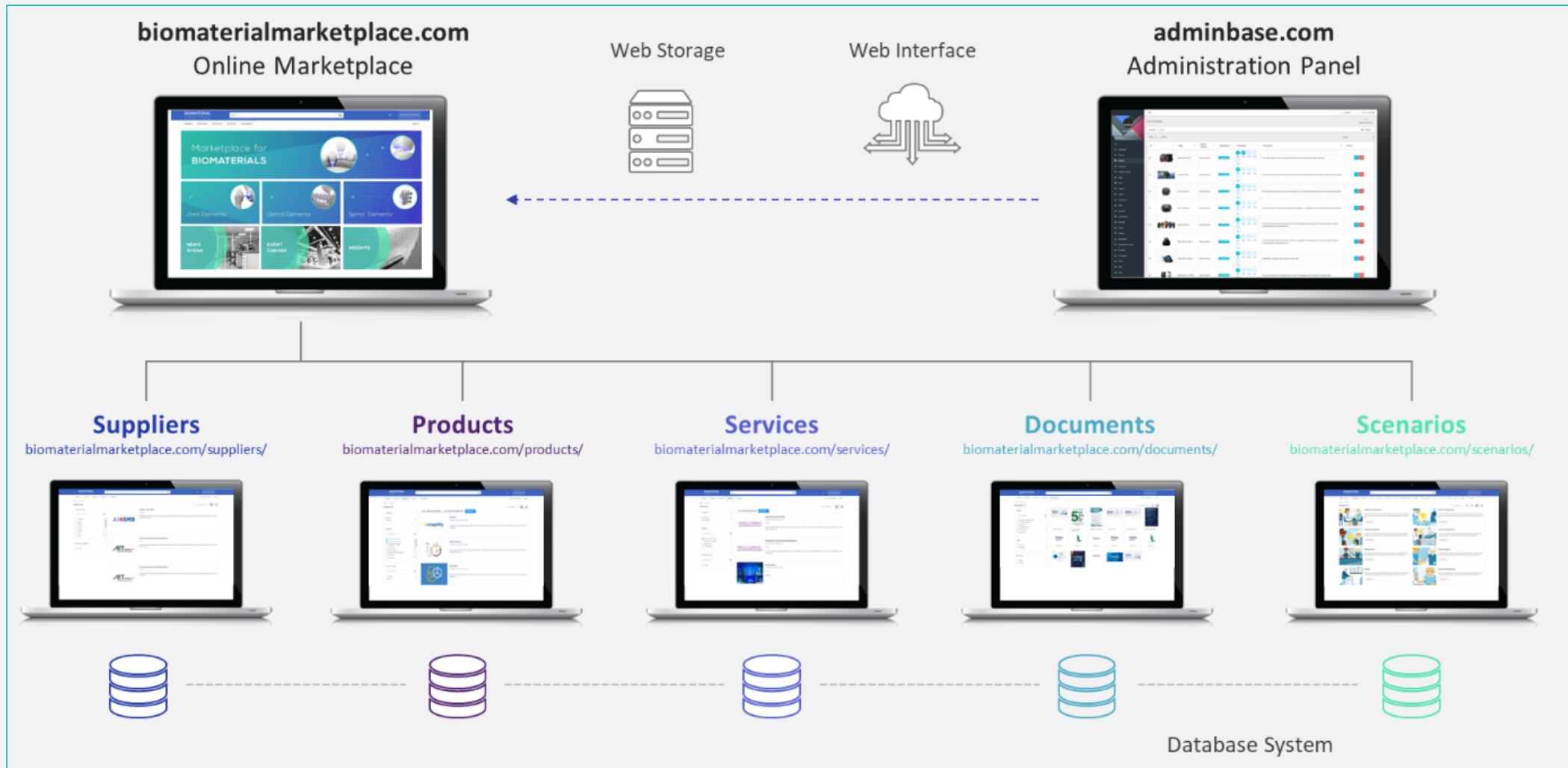
Scenarios

Link your products to relevant use-cases such as the medical application or anatomical region, helping users to quickly find your solutions.

KEY TIMELINE GOALS

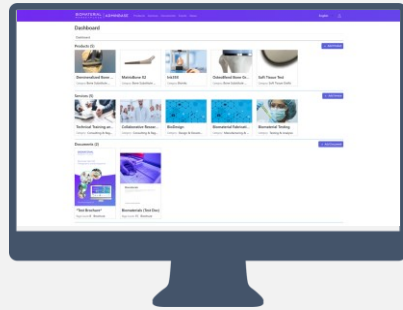


TECHNICAL STRUCTURE

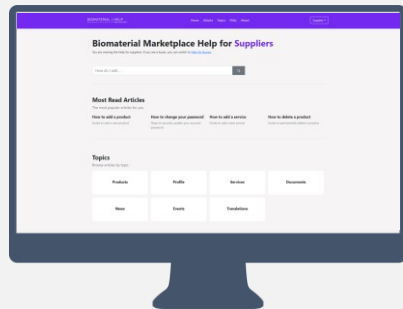


THE MARKETPLACE ADMIN PANEL FOR SUPPLIERS

Marketplace AdminBase

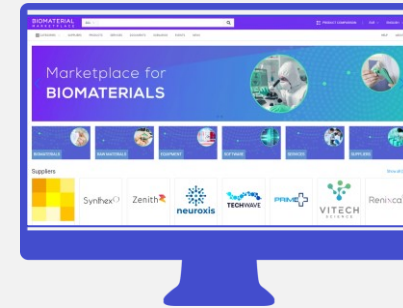


biomaterialmarketplace.adminbase.com

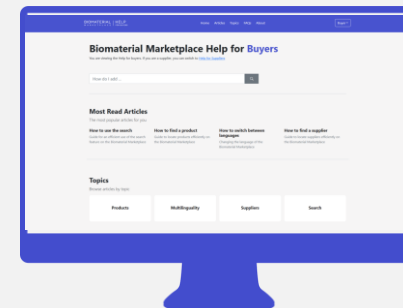


help.biomaterialmarketplace.com

Biomaterial Marketplace



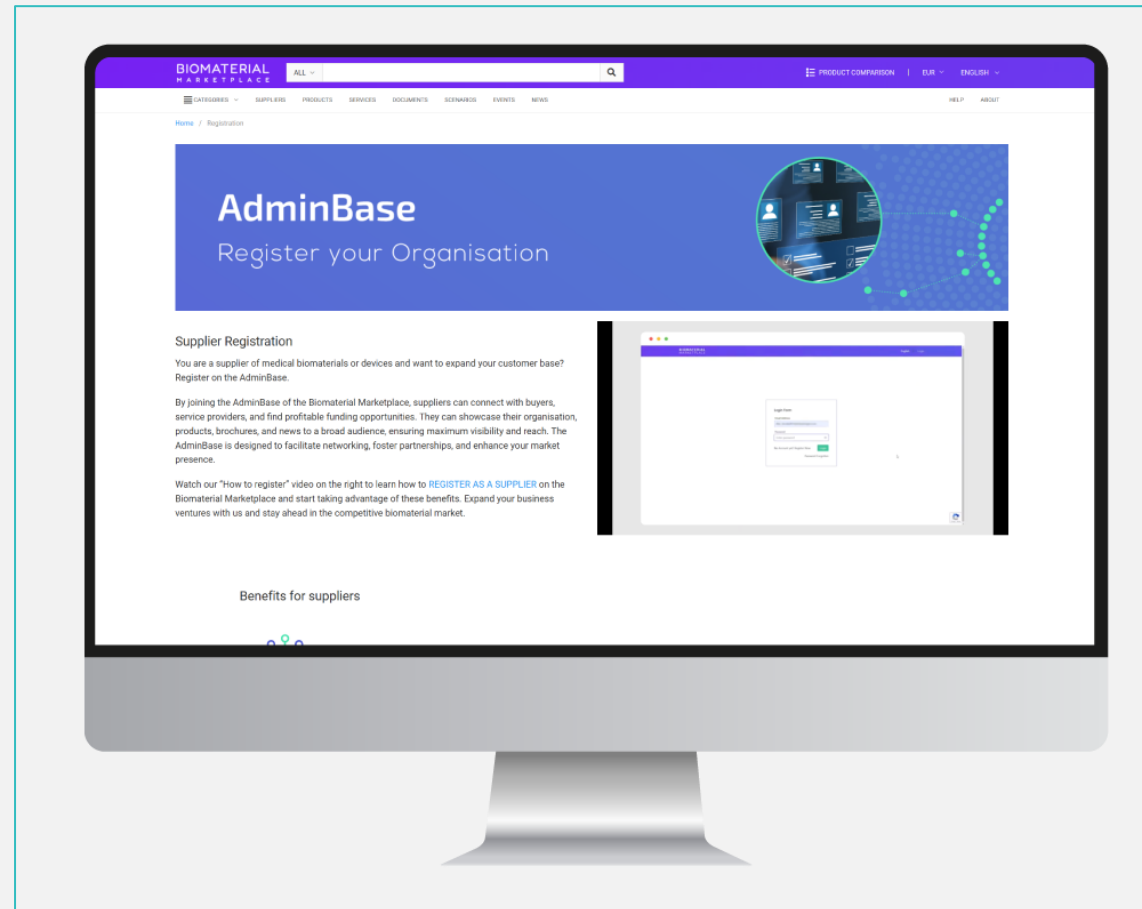
www.biomaterialmarketplace.com



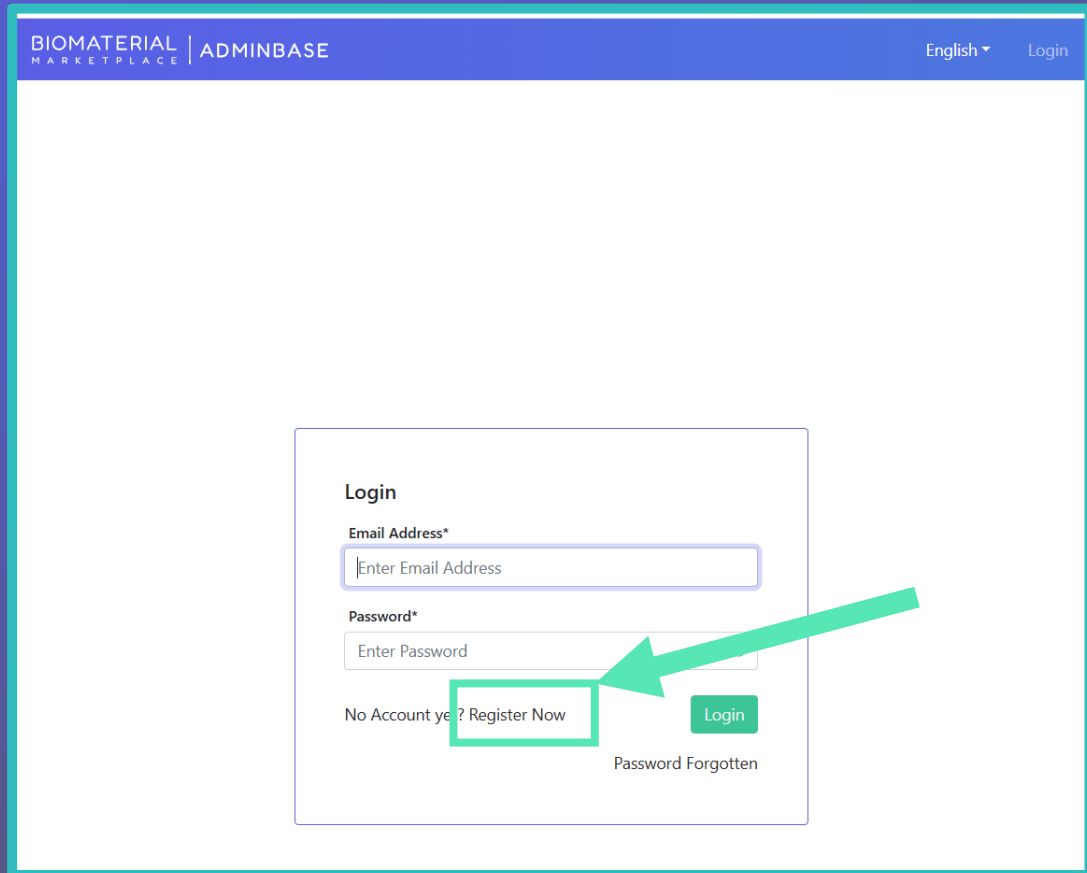
help.biomaterialmarketplace.com

THE MARKETPLACE ADMIN BASE

- Go to <https://biomaterialmarketplace.adminbase.com/>



REGISTER AS SUPPLIER On the AdminBase



The screenshot shows the AdminBase login page. At the top left, it says "BIOMATERIAL MARKETPLACE | ADMINBASE". At the top right, there is a language dropdown set to "English" and a "Login" link. The main content area contains a login form with the following elements:

- Login** header
- Email Address*** label above a text input field containing "Enter Email Address".
- Password*** label above a text input field containing "Enter Password".
- A link: "No Account yet? Register Now". The "Register Now" text is highlighted with a red box, and a red arrow points to it from the right.
- A green "Login" button.
- A link: "Password Forgotten" below the "Login" button.

- Go to <https://biomaterialmarketplace.adminbase.com/>
- Click on “Register Now”
- Enter your email address and click “Register”
- You will receive an email.
- Verify your registration.
- Complete registration.





START OF LIVE DEMONSTRATION



Q&A | Feedback
