


made**biotech**

Science for a better world



who we are

MadeBiotech is an R&D company with headquarters in the beautiful Island of Madeira, Portugal.

Our activities are mainly focused on biotechnology and process engineering and we work to develop sustainable processes for the valorization of natural resources.

Our goal is to prove that it is possible to conciliate progress and sustainability!

Together with the industrial partner company **NatureXtracts**, we are able to provide a set of services and products ranging from lab to industrial scale.



mission

The mission of **MadeBiotech** is to develop and to promote the concept of Sustainable Biorefinery for different types of biomass, using processes with low environmental impact and high technological content.

Furthermore our goal is to concentrate know-how and expertise on sustainable biomass valorization through the development of an international R&D center in Madeira Island. It is of outmost importance to show that it is possible to have a growing economy based on natural resources without damaging the local ecosystems.

The size and biodiversity of the island is perfect for developing sustainable models which will prove the concept and can be scaled up in other locations around the globe.



values

The main value of **MadeBiotech** is the human potential. A company strongly dependent on R&D activities can never forget that the solutions and ideas which it sells will always come from the collaborators.

In an almost flat hierarchical structure, merit is recognized regardless of origin, and all are encouraged to freely input their experience, ideas and critique. Therefore, the company's success results from the motivation, the creativity and the well-being of its staff.

With a strong environmental conscience, the company aims for prosperity without losing sight of the social responsibility and the importance of a harmonious relationship with the community in which it is inserted.

Although respecting intellectual property and industrial secrets, it is unquestionably necessary to inform the community, as much as possible, of the mission, vision and values of **MadeBiotech**.

Heavy industries, pollutants and cold are so last century...



consultancy

MadeBiotech provides consultancy services in several scientific and technological areas like biotechnology, chemical engineering, environment and environmental education, as well as energy and biomass valorization. Our services include:

- Environmental education, evaluation of environmental impacts and environmental related communication (including surveys to access public awareness and sensitivity);
- Identification and evaluation of innovative technological solutions for new and old problems and mediation/negotiation with the owners of intellectual property and patents;
- Conception and supervision of R&D projects, including sourcing of financial support, preparation of applications and negotiation with potential strategic partners;
- Economic evaluation, development of business models and market studies for new technologies and technology-based spin-off's;
- Technology transfer and Patent applications.



research

MadeBiotech is working on several research projects to develop new products and industrial processes based on the valorization of natural resources.

In our daily lives, there are several oil derivatives and synthetic products which can be replaced by natural alternatives, provided the proper technology is available to get them at attractive prices and high quality. Regardless of the skepticism and lack of information,

bio-based economy is here to stay!

Besides our own projects, we also develop research for our customers in our labs and in our facilities, with guarantees of confidentiality and discretion. This solution allows for SME's to innovate and adapt without major investment, targeting what really matters.



development

Thousands of good ideas, new techniques, new processes and new products, with incommensurable value, are produced every single day by researchers and grad students at universities and public institutes.

Unfortunately, most of this precious knowledge is not valorized and converted into something with real commercial value because the necessary development and investment is out of the scope of the researchers/ institutions. MadeBiotech comes into play at this stage, helping researchers and institutions without valorization centers to get the return from their intellectual portfolio.

Only institutions aware of the need for this step will be able to overcome the financial difficulties arising from the lack of public funding.

technology and available resources

MadeBiotech, via the shareholders, made an investment of more than 2 M€ to make sure it possesses the most recent and more suitable technologies concerning biorefinery processes. Besides a fully equipped analytical lab, several state-of-the-art equipment are available for our customers. As examples, we can highlight:

- Extraction operations using Supercritical Fluid Technology, Hydro and Steam Distillation and Solvent Extraction for characterization and process development;
- Freeze drying, vacuum packing and special milling equipment for raw material preparation and final product formulation;
- Fermentation technology which includes conditions for fermentation in both aerobic and anaerobic conditions and possibility for scale-up processes up to 60 L bioreactors.

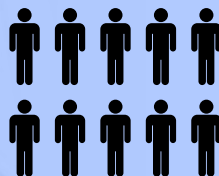


facts and figures

Founded in 2011



Collaborators



Turnover

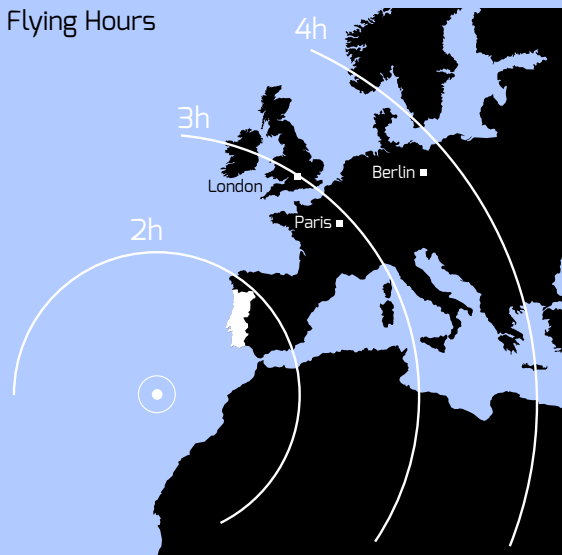


€ = 100K

Located at the **Madeira Island**
Free Trade Zone



Flying Hours



Global Headquarters

MadeBiotech CR & D, S.A.

Zona Franca Industrial
Plataforma 28,
Pavilhão Industrial K,
Módulo 2

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