



BIOBESTicide

BIO-Based pESTicides
production for sustainable agriculture



**LET'S MEET
THE PROJECT PARTNERS!**

BIOBESTicide (BIO-Based pESTicides production for sustainable agriculture management plan) is a European project funded by the H2020 – BBI JU programme. The project will validate and demonstrate the production of an effective and cost-efficient biopesticide, and it will validate the efficiency of the formulated product on vineyards of different geographical areas.

The project partners

The BIOBESTicide consortium is composed by 10 partners from 5 European countries, which met for the first time during the online Kick-off-Meeting, held on May 26th, 2020 to discuss the work plan for the next 3 years and the main activities.



Let's get to know better the partners and their involvement in the project activities!



Biovitis



France
www.laboratoires-biovitis.fr

BIOVITIS SA, based in Saint-Etienne-de-Chomeil, center of France, was established after second WW under the name Sochal and renamed in 2000. It is part of the GREENTECH Group based in Clermont-Ferrand. The company specializes in the cultivation of microorganisms by fermentation processes (liquid and solid states). An asset of BIOVITIS is the diversity of its markets: Agrofood-industry, Agronomy, Environment, Cosmetic, Pharmaceutic; involving a high knowledge in the different requirements for the production of multiple microbial strains. BIOVITIS relies on a complete scale-up capacity for liquid state fermentation, from 1 to 5 liters R&D fermentation units to up to 800 liters units. Recent investments increased its solid-state fermentation capacity with the acquisition of a high capacity unit production. Moreover, a second BIOVITIS industrial site has opened at the end of 2018, in Saint-Beauzire, to increase the production capacities of the company.

LAMBERTI SPA



Italy
www.lamberti.com

Lamberti Group is an Italian chemical company founded in 1911, based in Italy with a global presence with subsidiaries and production facilities. Lamberti's portfolio consists of products belonging to many different technologies, like polysaccharides derivatives (cellulosics and other hydrocolloids), water-based synthetic polymers (polyacrylates and water-based polyurethanes) and Oleochemicals (surfactants, fatty derivatives and functional formulations). Along with the corporate R&D labs, dedicated to deliver products and processes innovation based on the core technologies, several application laboratories are focused on performance assessment, new products promotion and technical assistance on several reference markets, such as Textile & Digital Industrial Inks, Ceramics, Agrochemicals, Oil & Gas, Paper and Home & Personal Care. As specialty chemical producer, Lamberti is involved in research activities aimed to develop products from laboratory scale to market for agro application as well; as Biobesticide project partner, Lamberti will share its expertise in agro formulation development taking the lead to set up and deliver an effective formulated version of the *P. Oligandrum* oomycete, to grant an optimum field efficacy.

FUNDACION TECNALIA RESEARCH & INNOVATION

Spain
www.tecnalia.com/en



TECNALIA is the leading private and independent research and technology organization in Spain and amongst the largest in Europe, employing near 1,400 people (214 PhDs) with an income of more than 100 Million € in 2016. TECNALIA is committed to generating major impacts in economic terms by means of

innovation and technological development, addressed by 7 business divisions, covering the economic sectors of Bio-Based Industry, Energy and Environment, Industry and Transport, Sustainable Construction, Health, ICT and Technological Services. TECNALIA has been granted over 396 patents and promoted more than 30 spin-off companies. TECNALIA is a key agent in the ERA – European Research Area. TECNALIA actively participates in the governing bodies of several European Technology Platforms, PPPs and JTIs (EEB, FOF, SPIRE, ARTEMIS, etc.). In the framework of BIOBESTicide, TECNALIA takes the lead on sustainability assessment related activities, which will assess the production of the bio-based pesticide from a holistic point of view, analyzing environmental, economic and social impacts with a life-cycle perspective.

INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE

France
www.inrae.fr



UMR-SAVE (Vineyard health and agroecology) of INRA develops research on the wine ecosystem at the interface between ecology, phytopathology and entomology. The aim is to bring out an agroecological protection of the vineyard that makes use of biological regulations, which is based on genetic

resistance and biocontrol products and which promotes beneficial associations between plants and microorganisms. The attractiveness of the BC2Grape platform is based on the expertise of SAVE and IFV in evaluating the effectiveness of phytosanitary (conventional) as well as biocontrol (micro-organisms or naturally occurring substance) products in the vineyard and in the laboratory, the characterization of their mode of action (antibiosis, antagonist, spatial competition, stimulator of defenses) and their integration into integrated protection strategies or in particular devices.

EURION Consulting



France

www.eurion-consulting.com

EURION Consulting is a French company based in the South of France (near Montpellier) and was founded in 2005 by Dr Christelle Martinez. EURION Consulting team, high scientists (Master or PhD), has acquired a very good reputation to work on plant protection products at the regulatory level, especially on biocontrol

products (micro-organisms, plant extract, oils, metabolites from microorganisms, enzymes, etc...).

EURION Consulting is specialized in the approval of active substances (micro-organisms, plant extracts, chemicals, oils, minerals, etc...) in Europe and in the registration of plant protection products, bio-stimulant products, biocontrol products, adjuvants and Fertilizer products in Europe. EURION Consulting is missioned to prepare and to build these approval and registration dossiers, in accordance with the European Regulations and National requirements, and to send these dossiers to each concerned European Ministries and Authorities. At this aim, EURION Consulting is in contact with all the European Ministries and Authorities (including EFSA and the European Commission), for pre-submission meetings, specific questions linked to the dossiers, following-up of the dossiers, until final decision (approval of the active substance and registration of the plant protection product).

CIAOTECH



Italy

www.pnoconsultants.com/it

CIAOTECH S.r.l., a wholly owned company of the PNO Group, is Europe's largest independent public funding and innovation consultancy with 30 years of hands-on expertise with more than 500 funding programmes in most EU countries, annually raising approximately 1 Billion Euro for its clients. CTECH's "Innovation Management"

services deliver high quality support to any type of organizations in the full cycle of the innovation process, including: analyzing, defining and planning innovation processes; building innovation networks, partnerships and projects; managing Projects and driving innovation.

In the framework of the project activities, CTECH is the leader of dissemination, exploitation and technology transfer of project results to the relevant stakeholders to maximize the impact of the project within and beyond its lifespan through a systematic set of communication, dissemination, replication, stakeholders mapping and business planning actions.

ZIELONA CHEMIA (WPCC)



Poland
www.zielonachemia.eu

West Pomeranian Chemical Cluster "Green Chemistry" in Szczecin is an internationally active research-development and dissemination cluster of enterprises and scientific units from the West Pomeranian Province and other parts of Poland within the framework of extensive value chains around

research, development and demonstration projects related to so-called green chemistry, thus leading to greater innovative activity of its members on the Polish and foreign markets. West Pomeranian Chemical Cluster Association "Green Chemistry" was registered in 2007 as Non-Profit organization. Our daily activities are governed by association statutes and internal management regulations, as well as the prepared and approved Vision and Mission of Cluster until year 2022. At present, more than 140 companies (small, medium and large companies) are involved from the chemical, packaging, food and energy-recycling industries, which hope to gain market advantage by joining forces (value chain). In addition, there are: EU project design teams and research teams concentrated at 4 universities, we cooperate with 5 business environment institutions as well as four local government units (including the West Pomeranian Voivodship Board).

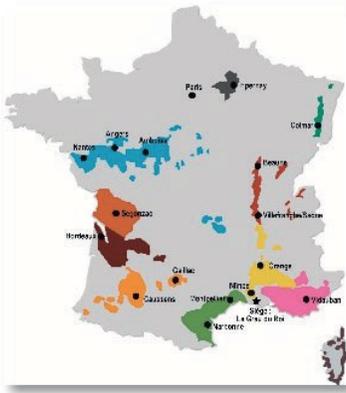
INSTITUT FRANCAIS DE LA VIGNE ET DU VIN



France
www.vignevin.com

IFV (French Wine and Vine Institute) is the French institute of R&D for vine and wine, implicated in technology transfer and knowledge transmission to the French vine and wine sectors. The French Vine and Wine Institute offers a wide range of professional competences covering all the skills needed for

wine production. 150 scientists and engineers work on multidisciplinary subjects in relation to vine production and wine quality: ampelography, agronomic studies, vine diseases, oenology, microbiology, processes, circular economy, mechanisation etc. Laboratories are officially recognized for agronomy and oenology trials or studies. Established in 18 research centers located in the main French wine producing regions, multidisciplinary teams exploit experimentation means, in relation to board members representing all professionals of the wine industry. As a result, IFV has a role of interface between professionals and research teams, with a good innovating capacity, and transfer of research results to wine industry.



IFV is very much implicated in the experimentation of alternative techniques to chemical plant protection products for the vineyard. More specifically, we focus on fungal diseases such as downy mildew, oidium or botrytis, or grape worm, which affect vine plants a lot and jeopardize grape production.

In this project, IFV will be in charge of the validation of BIOBESTicide product in the field in different French geographical areas (Bordeaux, Loire valley, Rhone valley) on typical grape varieties. Along with the effect on Grape Trunk Diseases, effect on grape quality and quantity, pruning waste and physiological state of plants will also be evaluated.

MERCIER Frères S.A.R.L



France

www.mercier-groupe.com

Mercier Frères is a family company, world leader in vine plants production and vineyard creation. Since 1890, we assist thousands wine growers in France and Worldwide. Our know-how, our experience and our reputation are great advantages in this so specialized activity. Firmly projected in the future, we dedicate absolutely

unique means to continue increasing sanitary quality and diversity of vegetal material that we propose. We produce around 15 million of plants per year. We are settled in France, Argentina and Chile. We have a specialized R&D Laboratory.

Nordzucker AG



Germany

www.nordzucker.de

Nordzucker is the company that has been producing sugar of the highest quality since 1838 and is now one of the leading sugar producers of Europe. With around 3.200 employees in 18 European locations, they supply the food industry, the retail trade and consumers with products of the highest quality.

Sustainability is a top priority for Nordzucker. As a food producer, sustainable thinking and acting are a natural part of their daily activity. Environmental and social considerations are the main factors in their decision-making process.

PARTNERS



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