

SC2 and KET-B Brokerage Event

Food Security | Sustainable Agriculture and Forestry | Marine, Maritime
and Inland Water Research | Bioeconomy | KET-Biotechnology |

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Sustainable Food Security

Ozonated oil and innovative agricultural applications in main European agro-food chains

Geraldi Agricultural Company
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www.ncp-biohorizon.net

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#BioBrokerage



The proposed research and development project aims to introduce a sustainable model in the agricultural field, subsequently replicable through some processes and product innovation of the hazelnut production chain.

In particular, we would like to use a **new patented product**, the **ozonated oil**, combining it with **other innovative agricultural techniques** on several **different kind of plants, replicating and adapting an existing methodology**.

This project could be a stepping stone to research useful solutions for a better integration of trade, rural development and environmental policies, aiming to form an international cooperation with a strong **synergy between public and private institutions to safeguard European directives on the matter**.

This integrated and highly innovative research collaboration will give the Consortium a good chance to fully meet the environmental challenge presented by the Call.

- G.O.1** The application of **natural agronomic and biotechnological methods** to safeguard natural resources hosting the crops
- G.O.2** To safeguard the **coexistence between productivity and quality** of the final product
- G.O.3** To **preserve the environment** as well as **human and animal health**



Geraldi Agricultural Company (SME): Project creators, promoters and coordinators, this multifunctional farm was founded by Geraldi several years ago and has its foundations in the research and application of innovative cultivation techniques. In particular, it applies biotechnology to support an efficient and environmentally friendly management of the agro-ecosystem.

It also collaborates with a technical and administrative secretariat (Alessandro BRUNO GALLO), a Law firm (Felice TESTA), and ANGQ (National Association Guarantee of Quality, led by G. MONTEBELLI), which is able to carry out, due to its high experience gained in more than 35 years, activities both on consolidated standards and on new publication standards, thanks also to important external relations.

UNITUS (University of Tuscia, Viterbo): This Italian university is among the national top 20 in terms of research, in which DAFNE (Department of Agricultural and Forestry Sciences) has been awarded as first Department in excellence according to the national chart of MIUR (Ministry of Education, University and Research). UNITUS has participated in many European projects (such as Life, bio-science, circular economy) and owns an experimental farm and various labs to replicate tests in a controlled or natural environment.

Following the availability of Rector A. Ruggieri, which will cover the topic of circular economy, and Prof. S. Astolfi, from scientific disciplinary sector AGR13, UNITUS will be co-coordinator in the project and will perform the experimental part at the site of the coordinating company.

CUFAA (Command Unit for Forestry, Environmental and Agri-Food Protection): Established in 2016, it is the Italian Army Unit in charge for Forestry, Environment and Agrifood Protection. Highly interested in the project and sharing a common goal in its potential benefits on environment and food safety, they will verify that applied methodologies are in compliance with European standards and procedures. They have been already awarded for several Life Projects, under the Life Programme.

FID (Italian Drones Factory): Is a drone company licensed on the fly in Europe, necessary for precision agriculture.

SIOOT (Scientific Society Oxygen Ozone Therapy): It is the entity that owns the patent of the ozonated oil, that will be provided for all partners of the consortium.



An Introductory International Meeting took place at CUFAA representative lounge in Rome on June 6th 2018 between the main partners of this consortium, at the presence of CUFAA General Commander and UNITUS Rector.

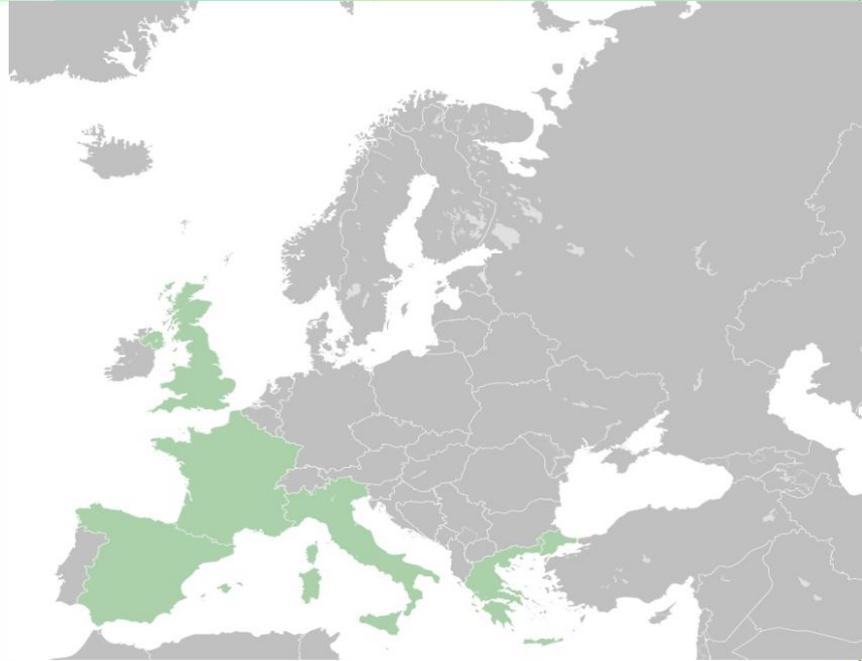
ITALY: Geraldini Agricultural Company, UNITUS, CUFAA, FID, SIOOT

FRANCE: Vertech Group

GREECE: Rezos Brands

SPAIN: Eurecat, Sustainable Innovations

UK: Biomathematics and statistics Scotland



What are we looking for?



SFS-04A-2019/2020 Integrated health approaches and alternatives towards pesticide use [2019]: Integration of plant protection in a Global Health approach (RIA)

Partner research: we are looking for international partners, from countries other than those mentioned in the presentation, willing to contribute within our consortium through further product and process innovations.

The main goal is protection of biodiversity and quality of agro-industrial chain of main tree and herbaceous crops of European interest not yet involved, obtaining at the same time high quality agri-food products.

Crops will reconcile and integrate with innovations we have made through the ozonated oil supplied by SIOOT, drones for precision agriculture supplied by FID and research innovations provided by UNITUS (which we will have pleasure to share if collaboration will be granted).

Type of partners: Major and/or minor agricultural producer and transformer, researchers and universities interested in the field involved (technologists, bioethicists, plant pathologists and others) with experience in this area.

Long term objective is to establish an international collaboration network that through eco-sustainable tourism allows each of the partners to enhance the knowledge of the historical, cultural and natural heritage of the countries belonging to the consortium, in a logic of circular economy.



Thank you for your attention

(Please contact us, we need you!)

**For contact requests with our Consortium
please refer to our general secretary**

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