

Brokerage Event

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

Brussels, 15th November 2017



BioHorizon



Sustainable Food Security

Ozonated oil and innovative agricultural applications in the hazelnut production process

Andrea Boffi (AB Corporation)

Matteo Geraldi (Geraldi Agricultural Company)



www.ncp-biohorizon.net

BioHorizon project is funded by the European Commission - Grant Agreement no. 652637



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 in behalf of pesticides a **new patented product**, the **ozonated oil**, combining it with **other innovative agricultural techniques** on several **different kinds of plants** (mainly hazelnut), **replicating and adapting an existing method** developed for olive trees.

- **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, fight against the use of pesticides and ensure the quality** of the final product
- **G.O.3** To preserve the **environment and human and animal health**



Geraldi Agriculture (PL, IT)

The 5 ha Geraldi agricultural farm was founded by Dr. Geraldi several years ago. Its primary purpose is research and the application of innovative growing techniques. In particular, it applies agricultural biotechnologies to support an efficient, eco-friendly and eco-sustainable system of agricultural management.

University of Milan, Zootechniques Sciences and Technologies (PP 1, IT)

Responsible for research and development actions related to experimentation with the ozonated oil. It has participated in and been awarded several projects under the European Framework Programmes (H2020, FP7, FP6, etc.)

CUTFAA (PP2, IT)

The Italian army unit in charge of forestry, environment and agrifood protection. CUTFAA will verify that the project and the methods applied comply with European standards and procedures. They have been awarded several projects under the Life Programme.

SIOOT (subcontractor)

SIOOT owns the patent on the ozonated oil and have been involved in the current proposal since the beginning.

SFS-04-2019-2020 Integrated health approaches and alternatives towards pesticide use

A. [2019]: Integration of plant protection in a global health approach

Partner research: we are looking to cooperate with international partners from the private sector and universities, to strengthen the research and consequent publications at EU level, thus enriching the research for scientifically valid solution(s) for a better preservation of the agricultural environment.

Type of partners: major producers and transformers of hazelnuts (SMEs), researchers and universities interested in the field, technicians, biotechnicians, agronomists and economists with experience in this area.



Thank you for your attention

(please contact us, we need you!!!!)

Matteo Geraldi

matteo.geraldi@gmail.com

Andrea Boffi

boffi.consulting@gmail.com

