



Progetto BIOMA

Project Partners for a Sustainable Supply Chain

The **partners** of the BIOMA Project are cooperatives and agricultural producers in the Sicilian territory who share a commitment to sustainable agriculture and the enhancement of local resources, with the scientific support from the Department of NEUROFARBA of the University of Florence.

The BIOMA Project is promoted and funded by the “Psr Sicilia 2014-2020, sottomisura 16.1, Sostegno per la costituzione e la gestione dei gruppi operativi del PEI in materia di produttività e sostenibilità dell’agricoltura”. Ats BIOMA has been established to manage the project.

University

NEUROFARBA Department - University of Florence - www.neurofarba.unifi.it

The scientific partner of the Project for nutritional and phytochemical analysis, it also develops research in the field of nutraceuticals. The Pharmaceutical-Nutraceutical Section of the Department of NEUROFARBA involves a chemical-pharmaceutical approach to the study of drugs, complementary to the pharmacological or clinical approach, and research in the field of nutraceuticals. In particular, it studies foods, medicinal plants, and/or dietary supplements that are predominantly plant-based, with particular reference to the identification and quantification of the bioactive metabolites they contain; development of multicomponent extractive and analytical methods (metabolomics), evaluation of the potential for recovery of biologically active molecules from agribusiness waste; recovery of bioactive molecules from cell cultures of higher plants; preparation of extracts chemically characterized and appropriately concentrated into biomolecules, suitable for pharmacological and medical studies aimed at evaluating their preventive, rebalancing, therapeutic and/or protective characteristics with respect to specific diseases or dysmetabolisms.

Partner Cooperatives

Makellon - Camporeale (PA) - www.makellon.com

Project leader and operating partner engaged in the processing and product development, is an agricultural cooperative formed by small local farmers who have adopted the organic method since its

inception, 30 years ago. The production path is focused on the enhancement of the land and crops that traditionally constituted the livelihood of farming communities. Wide range of organic fruits and vegetables grown and carefully selected to ensure maximum quality and flavor.

Valdibella - Camporeale (PA) - www.valdibella.com

Operating Partner, it is a predominantly mutual agricultural cooperative founded in 1998 and has always been committed to social issues, biodiversity and food justice. It consists of a group of organic farmers who cultivate the land and human relationships while respecting natural and social balances. Privileged is the cultivation of native varieties. Productions are an expression of Sicilian agricultural tradition: ancient Timilia wheat is processed into pasta, flour and baked goods; almonds are also made into milk and cream; natural wines are made from grapes; and extra virgin olive oil is obtained from olives. Honey, legumes, aromatic plants, fruit and fresh vegetables complete the wide basket of products.

Farms associated with the Project

Azienda Montalbano - Camporeale (PA)

This farm with its thriving production between native vines and arable land is a symbol of resistance to the Mafia. It was here that Giuseppe Montalbano, the doctor of Camporeale who paid with his life for his saying no to Mafia abuse, was killed in 1998. Since then, his children and grandchildren have been running the farm, holding high his memory through various initiatives, including a scholarship dedicated to young students.

Salvatore Stellino - Alcamo (TP)

Committed to sustainable farming practices in order to maximise productivity and reduce environmental impact, it is committed to promoting biodiversity and the development of the agricultural ecosystem. The almond grove covers five hectares and the varieties present are Supernova, Genco and Tuono.

Massimiliano Solano - Camporeale (PA)

Recognised in 2025 as one of the [Top 50 Farmers](#), the farm covers thirty hectares in contrada Parrino. In addition to the almond grove, it grows ancient grains, pulses, olives, pomegranates and vineyards. The farm is investing in biodiversity with earthen needles, an edible forest, dry stone walls and mixed hedges.

Erina Triolo - Camporeale (PA)

An entirely organic farm, it covers four hectares in contrada Montagnola. In addition to an almond grove with 650 trees, pomegranates, olive trees, vineyards and aromatic herbs are cultivated.

Innovation Broker

Francesco Inghilleri, project consultant as innovation mediator between primary production companies, processing industries and the world of scientific and technological research. He graduated in Agricultural Science and Technology and works as a freelance consultant for agri-food companies.

Il Progetto BIOMA è realizzato nell'ambito del Psr Sicilia 2014-2020, misura 16.1
“Sostegno per la costituzione e la gestione dei gruppi operativi del PEI in materia di produttività e
sostenibilità dell'agricoltura”
Gruppo Operativo BIOMA
CUP G97F19000290009

