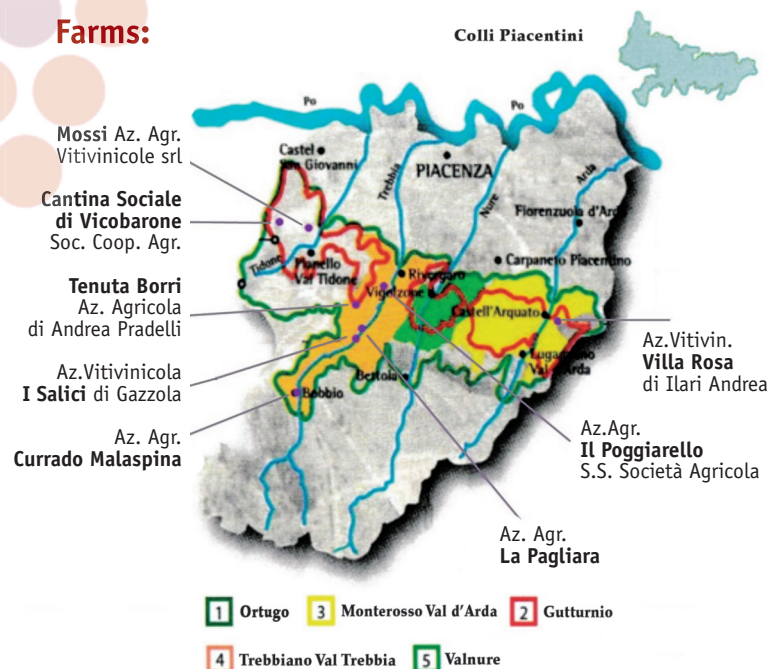


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EXPANSION AND VALORIZATION OF BIODIVERSITY FOR A COMPETITIVE AND SUSTAINABLE MANAGEMENT OF THE PIACENZA PROVINCE VITICULTURE AREA IN THE FACE OF CHANGING CLIMATE AND SOCIAL CONDITIONS



Rural Development
Program
of Emilia-Romagna
2014 - 2020

This project was developed within the
regional program for rural development
2014-2020 • Operation Type 16.1.01 •

Operational groups of the European Innovation Partnership
"Agricultural Productivity and Sustainability" • Focus Area 2A •

Project overview

The main objective of ValorInVitis is to further **valorize local autochthonous** grapes while increasing the resilience of the production process in the face of climate changes.

In the future it would also be of interest to rediscover some local minor genotypes that have a good capacity to maintain greater **total acidity levels** even during very high heat periods in the summer; some of the current popular grape varieties in the Piacenza province (Ortrugo, Malvasia di Candia Aromatica) could find a more suitable positioning in higher hills where the microclimate is fresher and better for white wine production.



Beyond the preservation of local wine production typicity, the project also aims to offer producers the necessary tools to increase the **environmental, economic and social sustainability** of local viticulture; one of which being the introduction of new hybrid genotypes for production as well as for rootstocks.

Expected Results:

During the project implementation various results are expected:



Valorization of the Ervi grape variety

(an interspecific cross between Barbera and Croatina) created to deal with the production discontinuity and limited basal bud fertility of the Croatina variety.

Increase in the **use of computer-based information and management tools in the vineyards**, to plan phytosanitary treatments. A decision support system (DSS) will be used for the resistant hybrids as well as for the most important susceptible local grape varieties (Barbera and Croatina).

Spreading awareness about local viticulture

heritage amongst young students from the Piacenza province and extension of technical skills to the future work force.



Identification of at least one or two **local minor grape varieties** that demonstrate a good adaptation to the changing climatic conditions and which have a greater capacity to maintain total acidity.

Introduction of **drought-resistant rootstocks**.

Culture protection, reduced pesticide use and decreased environmental impact.