

Insights from the ECOVINEGOALS/ADRION project: agroecological best practices, landscape enhancement and communities' participation.

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The **ECOVINEGOALS** project promotes the agroecological transition of viticulture in the Adriatic-Ionian (ADRION) region towards low input and low emissions production systems, according to the principles defined by the High Level Panel of Experts on Food Security and Nutrition (HLPE-FAO) in 2019. In order to overcome the negative effects of intensive viticulture systems on soil, water, air quality, biodiversity and landscape and to increase the sustainability and resilience of viticulture, a set of **best agroecological practices** are defined and farmers of selected pilot areas are invited to implement them. Starting from sharing experiences on agroecology, stakeholders interact proactively by monitoring pilot areas and wineries that adopt these agroecological practices. Through the use of **indicators**, defined for agri-environmental, economic, social and cultural landscape issues, the assessment of the performance of the application of the best practices will be realized by involving the stakeholders themselves. From the experiences acquired in the pilot areas, the project will develop **strategies** and **action plans** to promote, support and manage the agroecological transitions and to improve stakeholders' skills and capacities for advancing a participatory, local-governance, multi-actor approach as the means to face environmental vulnerability, promote ecosystems services, prevent social conflicts in land use and mitigate climate change. A long-lasting project result is the constitution of the transnational and interdisciplinary network in the ADRION Area (AVINE) for the application of the agroecological principles and practices in viticulture.

The project has just started its activities. Here we present the best practices and selected indicators.

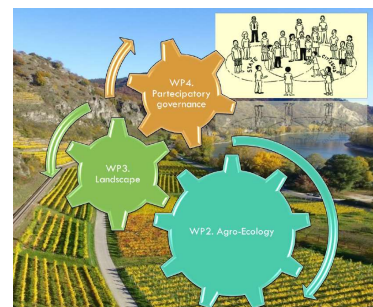
<u>Identification of Best Practices</u>	<u>Indicators</u>
Agroecology is based on the co-creation of knowledge, combining science with the traditional, practical and local knowledge of producers. We started from the identification of a set of best agroecological practices already used by viticulture farmers in the partners' regions, describing them by using a simple form with a short description of the practice, the aim of the practice, suggestions for implementation, expected results, improvable or critical aspects, bibliographic indications and references.	Indicators and sub-indicators are used for identifying and quantifying, at different scales of observation (field, farm, landscape unit), the actual situation of the pilot areas and future changes, after the adoption of agroecological practices. Indicators should be seen as a shared way of collecting information for further discussion on the different themes and an ongoing learning process among partners and stakeholders.
Agroforestry in vineyards	Agri-Environment indicators
Vineyard canopy management	Soil health
Bio-stimulants in viticulture	Water use efficiency
Soil erosion prevention and monitoring of soil fertility	Pesticide risk and Fertilizer pollution risk
Cover crops and viticulture	Diffusion of sustainable management systems
Maintenance of traditional elements of "winescape" - dry stone walls and wood poles	Biodiversity in the vineyards
Green manure in vineyards	Ecological connectivity and protected areas
High Nature Value Farming (HNV) in vineyard regions	Carbon footprint, carbon sequestrations / emissions
Mechanical inter-row weed control and "pyro-weeding"	Economic indicators
Sustainable irrigation in vineyard	Land productivity and profitability
Mating disruption	Vine health
Bird nests and shelters for bees and pollinating insects	Value chains, externalities, effects on territory
DSS to reduce pesticides in viticulture	Social
Resistant grape varieties	Fair employment
Organic-district/Eco-region	Land tenure and food security
Participatory Guarantee Systems (PGS)	Knowledge, learning and innovation
Certification of biodiversity in vineyards	Social equity - Social capital
The "Landscape Board Game"	Happy neighbours
Social learning and knowledge generation in viticulture	Landscape Cultural Heritage
Wine routes as promotional tools for viticulture	Aesthetic Landscapes and Ecology
Communication strategy for Agroecological Products	Architectural heritage and local production
Land use maintenance	Land cover type and area, landscape structure and infrastructure



ECOVINEGOALS

Ecological Vineyards Governance Activities for Landscape's Strategies

<https://ecovinegoals.adrioninterreg.eu/>
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Project partnership: