

Harmonious Viticulture: sustainability principles in Piedmont wine area

Riferimenti

Tipo di progetto

Gruppo Operativo

Acronimo

ViTA

Tematica

Agricoltura di precisione

Information

Time frame

2020 - 2023

Durata

36 months

Partners (no.)

21

Regione

Piemonte

Comparto

Viticoltura

Localizzazione

ITC16 - Cuneo

ITC18 - Alessandria

Costo totale

€705.811,74

Fonte di finanziamento principale

Programma di sviluppo rurale

Programma di sviluppo rurale

2014IT06RDRP009: Italy - Rural Development

Programme (Regional) - Piemonte

Parole chiave

Farming/forestry competitiveness and diversification

Pest /disease control

Landscape /land management

Water management

Farming practice

Sito web

<https://www.viticolturarmoniosa.com/>

Project status

completed



Objectives

The main objective is to increase the wine production process sustainability through the cooperation between farmers, research sector and advisors. This proposal defines a shared and sustainability-oriented model for the vineyard management process. This model concerns every aspect that has a potential impact on water resources, focusing on defense (carried out on the information provided by a Decision Support System - vite.net®). This model aims also at measuring the impact on water resources, defining a sustainability certification that could add market value for the involved wineries.

Activities

The project aims to increase sustainability in wine-growing practices, through cooperation between winegrowers in different areas; a shared model of vineyard management oriented towards "sustainability" is the focus; the impacts on the water, caused by the treatments, are analyzed with attention and the project proposes the use of DSS vite.net to limit them. The model intends to stimulate innovation of the sector and measure the effects on the environment to translate them into a certification of sustainability; the aim is to enhance the final product and consolidate virtuous practices for the reduction of impacts, also through application of territorial guidelines and product specifications.

Context

Pilot companies come from a productive sector characterized by a clear fragmentation and by a small average extension (about 10 ha), where more than a quarter of the companies conducts less than 1 ha and most of them (63%) conducts less than 5 ha. This fragmentation causes a limited financial

capacity and difficulties in the communication between research sector and beneficiaries (farmers), who have to face the complexity of agronomic factors linked to disease restraint. This proposal will provide free access to DSS vite.net for the partner farmers. Traditionally, monitoring process aimed at define the best intervention timing is based on direct observation of phenological and weather parameters. Today, farmers can rely on innovative decision support systems (DSS) that can help them to make decisions based on scientific evidences and to confront the complex vineyard management process (on principles of integrated management, thus reducing environmental and health impact)

Partenariato

Role	Azienda	Address	Telephone	E-mail
Leader	Consorzio di Tutela Vini e Colli Tortonesi	Piazza Arzano 15057 Tortona AL Italy	0131 868940	info@collitortonesi.com
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Partner	DESAM Ingegneria e Ambiente srl	Via Girardini, 13 31021 Mogliano Veneto TV Italy	041 5283952	info@desam.it
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Partner	Anadiag Italia srl	Frazione Rivalta Scriveria, Strada Savonesca 6 15057 Tortona AL Italy		stefamo.bergaglio@anadiag.it

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Partner	VALLI UNITE Soc. Coop. Arg.	Cascina Montesoro 15050 Costa Vescovato AL Italy	0131 832100	info@valliunite.com
Partner	Azienda agricola Cascina Gentile di Oddone Daniele	Cascina Gentile 11 15060 Capriata d'Orba AL Italy	349 6916117	daniele.oddone@gmail.com
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Role	Azienda	Address	Telephone	E-mail
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Partner	HORTA s.r.l.	Via E. Gorra, 55 29122 Piacenza PC Italy	0523 1860024	f.passuello@horta-srl.com

Pratiche abstract

Description

Introducing a Decision Support System in the defense strategies management process. The DSS, thanks to a disease onset risk evaluation, enables to rationalize intervention timing and (in case of risk low) to choose non-chemicals alternatives to agrochemicals, to reduce the amount of copper distributed and to reduce the number of machinery intervention, thus enhancing soil quality.

Description

Introducing new evaluation methodologies concerning the disease onset risk and the expected effectiveness of agrochemical interventions, thanks to a mobile app

<https://www.innovarurale.it/pei-agri/gruppi-operativi/bancadati-go-pei/viticultura-armoniosa-i-principi-della-sostenibilita-nel>

Link utili

Titolo/Descrizione	Url	Tipologia
Sito web del progetto	https://www.viticulturarmoniosa.com/	Sito web
