

## Technological transfer of innovative agricultural practices within fruit and horticultural ecosystems

### Riferimenti

Tipo di progetto

Gruppo Operativo

Acronimo

TinnoGePra

Tematica

Gestione aziendale

Information

Time frame

2018 - 2021

Durata

36 months

Partners (no.)

26

Regione

Basilicata

Comparto

Multifiliera

Localizzazione

ITF51 - Potenza

ITF52 - Matera

Costo totale

€260.000,00

Fonte di finanziamento principale

Programma di sviluppo rurale

Programma di sviluppo rurale

2014IT06RDRP017: Italy - Rural Development

Programme (Regional) - Basilicata

Parole chiave

Landscape /land management

Agricultural production system

Project status

completed



### Objectives

The fruit and vegetable sector accounts for about 40% of GDP produced by the entire farming sector.

Competitiveness, the need to reduce production costs, the demand for high quality products, and the increase of environmental awareness associated with resource conservation are questions that the fruit and vegetable sector is called upon to answer.

Several scientific studies as well as chain projects carried out during the 2007/2013 programming period have developed a number of useful activities to increase the competitiveness of fruit and vegetable companies. Such knowledge, linked to the efficiency of resource utilization, however, needs to be widely disseminated.

### Activities

The project will be part of a series of activities to enable the transfer of innovations. The dissemination activities will take into account efficient mature technologies with particular reference to:

- Efficient use of resources with particular regard to nutrition and irrigation with mitigation of environmental risks;
- Monitoring and determination of quality aspects of productions;
- Increased carbon in the soil and Potential Impacts;
- Enhancement of productions. The innovations introduced will be evaluated to quantify the incidence both from the economic and the environmental point of view

Partenariato

## Trasferimento tecnologico di innovazioni gestionali delle pratiche agricole degli ecosistemi ortofrutticoli

2/5

<https://www.innovarurale.it/pei-agri/gruppi-operativi/bancadati-go-pei/trasferimento-tecnologico-di-innovazioni-gestionali>

Role	Azienda	Address	Telephone	E-mail
Leader	Università degli Studi della Basilicata - Dipartimento delle Culture Europee e del Mediterraneo	Via Lanera 20 75100 Matera MT Italy	0835 351411	dicem@unibas.it
Partner	Apofruit Italia	Via della Cooperazione 400 47522 Cesena FC Italy	0547 414111	andrea.grassi@apofruit.it
Partner	Università politecnica delle Marche - Dipartimento di scienze agrarie alimentari ed ambientali	Via Breccie Bianche 2-8 60131 Ancona AN Italy	071 2204935	dip.d3a@univpm.it
Partner	Agribiotecnica Vivai dei F.lli Dichio srl	S.s. 175 km 38,200 75010 Metaponto MT Italy	0835 745290	dichio@vivaidichio.it
Partner	ALSIA - Agenzia Lucana di Sviluppo e di Innovazione in Agricoltura	Via Annunziatella 64 75100 Matera MT Italy	0835.244111	urp@alsia.it
Partner	ALSIA - Azienda Agricola Sperimentale Dimostrativa Pantanello	SS. Jonica Km 448.2 75012 Metaponto MT Italy	0835 244400	azienda.pantanello@alsia.it
Partner	Azienda Agricola Battifarano	Contrada Cerrolongo 1 75020 Nova Siri MT Italy	0835 536174	f.battifarano@conafpec.it
Partner	Consorzio Jonico Ortofrutticoltori - Soc. Coop.Agr	Via Maestri del Lavoro, Loc. Pezza Grande 84025 EBOLI SA Italy	0828 346537	antonio.costantino@cjo.it
Partner	ENEA - Dipartimento Sostenibilità Dei Sistemi Produttivi e Territoriali	Via Anguillarese 301 00123 Roma RM Italy	06 30481	

## Trasferimento tecnologico di innovazioni gestionali delle pratiche agricole degli ecosistemi ortofrutticoli

3/5

<https://www.innovarurale.it/pei-agri/gruppi-operativi/bancadati-go-pei/trasferimento-tecnologico-di-innovazioni-gestionali>

Role	Azienda	Address	Telephone	E-mail
Partner	OP Agricolafelice Società Cooperativa Agricola	Contrada Troyli 75028 Tursi MT Italy	0835 810061	troyli@heraclea.it
Partner	Con. Pro. Bio. Lucano	SS 106 km 448,2 75012 Metaponto MT Italy	0972 537003	info@conprobio.it
Partner	OP Ancona Società Cooperativa Agricola	Via Liborio Romeo 7 75025 Policoro MT Italy	0835 972149	ancona@heraclea.it
Partner	Asso Fruit Italia	Via Tagliamento 31 75020 Scanzano Jonico MT Italy	0835 953951	info@assofruititalia.it
Partner	OP Athena Soc. Consortile arl	Via Zara 1 75012 Bernalda MT Italy		
Partner	Azienda Agricola Clemente Rocco Luigi	Viale Kennedy 59 75024 Montescaglioso MT Italy	0835 202108	
Partner	Azienda Agricola Ricciuti Vincenzo Maria	Via Paschiere 1 85010 Vaglio Basilicata PZ Italy	3495722745	enzo.ricciuti@tiscali.it
Partner	Agreenment srl	Via Annibale Maria di Francia 75100 Matera MT Italy	328 0217350	info@agreenment.it
Partner	Società Cooperativa Agricola Compagnia Delle Primizie	Viale Salerno 13/15 75025 Policoro MT Italy	0835 902017	info@compagniadelleprimizie.com

## Trasferimento tecnologico di innovazioni gestionali delle pratiche agricole degli ecosistemi ortofrutticoli

4/5

<https://www.innovarurale.it/pei-agri/gruppi-operativi/bancadati-go-pei/trasferimento-tecnologico-di-innovazioni-gestionali>

Role	Azienda	Address	Telephone	E-mail
Partner	Fichi Di Terre Materane Srl Agricola	Via Mazzini 15 75016 Pomarico MT Italy		
Partner	OP Primo Sole Soc. Cons. Agr. arl	Contrada Selva Piana 75024 Montescaglioso MT Italy	0835 201992	
Partner	New crops Società Agricola arl	Via Rossini 75024 Montescaglioso MT Italy		
Partner	AGES srls	Via dell'Ateneo Lucano 85100 Potenza PZ Italy	0971 205269	info@ecoages.it
Partner	Azienda Agricola Giordano Donato	Contrada Fontanelle 85037 Sant'Arcangelo PZ Italy		
Partner	Dimitra Società Agricola arl	Contrada Bosco San Lorenzo 8 85050 Grumento Nova PZ Italy		
Partner	CNR - Istituto di Bioscienze e Biorisorse (IBBR)	Via Giovanni Amendola n.165/a 70126 Bari BA Italy	055 5225725	direttore@ibbr.cnr.it
Partner	Basilicata in Guscio Rete di Impresa	Via della Tecnica 24 85100 Potenza PZ Italy	0971 469458	info@basilicatainguscio.it

### Pratiche abstract

#### Description

In representative companies of the fruit and vegetable sector, to ensure the transfer and training of the Producers' Organizations technicians and as a consequence of the operators, the innovations identified in the previous action will be

applied and validated. With regard to nutrition, field transfer activities will be programmed to monitor the amount of nitrogen in the soil (depth 50 cm) during the annual cycle directly in the selected farms. Relatively simple, fast and inexpensive techniques will be used (eg Nitracheck 404, Merkoquant).

Following the measurements, given the characteristics of nitrogen (leachable element), the fact that it is available as a result of the mineralization process and its high potential pollutant, will demonstrate how to make the contributions of this element with reference to soil availability for mitigate the environmental risk. In order to disseminate useful techniques to increase carbon in the soil, and to use soil as an atmospheric carbon reservoir, in the selected companies, sustainable management techniques will be implemented. As far as soil management is concerned, the results of the integrated PSR 2007-2013 "IQuaSoPO" chain project funded by the Basilicata Region for soil quality improvement will be applied. As a final result, we will apply the most effective technologies for the development of the Fruit and Vegetables sector.

## Description

At this stage of the project, it will be quantifying the convenience of applying innovations in economic terms, with cost reduction and increased revenues, as well as in environmental terms with the reduction of impacts. In addition, production enhancement processes will be applied to have a positive impact on the markets. LCA analysis will be performed by considering PCRs (product category rules); Lifecycle analysis will have to evaluate and quantify the energy, environmental and potential impacts associated with the product / process throughout the life cycle, from raw material acquisition to end of life ("from Cradle to Tomb") . The analysis will help identify the most impacted life cycle phases considering both the carbon footprint and the water footprint. These activities will allow us to evaluate how the application of innovations influences in terms of environmental impact. This approach will be useful to give added value to the productions whose companies will be able to communicate to end consumers as agriculture is committed to mitigating its impact and carrying out an eco-system for land storage. As a final result there will be the diffusion of techniques and technologies for product valorisation and an economic evaluation of the application of innovations.

## Link utili

Titolo/Descrizione	Url	Tipologia
Pagina Facebook del progetto	<a href="https://www.facebook.com/people/Tinnogepira/100064151915464/">https://www.facebook.com/people/Tinnogepira/100064151915464/</a>	Link ad altri siti che ospitano informazioni del progetto