

Precision agriculture for cereal SMEs

Riferimenti

Tipo di progetto

Gruppo Operativo

Acronimo

TINIA

Tematica

Agricoltura di precisione

Information

Time frame

2019 - 2023

Durata

44 months

Partners (no.)

5

Regione

Toscana

Comparto

Cerealicoltura

Localizzazione

ITI18 - Arezzo

Costo totale

€358.569,52

Fonte di finanziamento principale

Programma di sviluppo rurale

Programma di sviluppo rurale

2014IT06RDRP010: Italy - Rural Development

Programme (Regional) - Toscana

Parole chiave

Farming equipment and machinery

Farming practice

Agricultural production system

Sito web

<https://www.gotinia.it/>

Project status

completed



Objectives

Introduction, in a pilot company, of innovative precision agriculture technologies to support the various agronomic phases. The results will be transferred to the farms in the Arezzo area and in the Tuscan region and disseminated for the purpose of spreading the knowledge and allowing local SMEs (especially cereal ones) to evaluate the transition to the precision agriculture technologies, consistently with their own structures and potential. The aim is thus to contribute to the improvement of the productive performances of the companies and therefore of the competitiveness of the sector in respect of the increasingly conditioning constraints of economic and environmental sustainability

Activities

- Animation and coordination
- Support for the implementation of the pilot project. Assistance in the application of precision agriculture and monitoring in the company
- Pilot project implementation, technical economic assessment and impact indicators of the introduction of Precision Agriculture practices in the Bemoccoli Company (application case) and impact assessment on organizational and management structure
- Demonstrative actions and tutoring for the use of weather stations
- Support for interaction between partners and development of an interactive knowledge transfer methodology, information actions, company visits and training

Context

The local farms have machines and cutting-edge technology park but often underutilized, if not entirely unused. The most frequent problems that slow down the use of these innovations, although they greatly facilitate activities in terms of time (saving of hours), quality of work, safety and, above all, energy and chemical savings, are:

- need for technical support, often not provided by companies that produce / sell Precision Agriculture machinery and equipment;
- shortage of skilled labor;
- unclear ideas on the cost / benefit ratio of Precision Agriculture

Partenariato

Role	Azienda	Address	Telephone	E-mail
Leader	Bonifiche Ferraresi spa	Loc. Fratta 52044 Santa Caterina di Cortona AR Italy	0532 836102	Tenuta.santacaterina@bonificheferraresi.it
Partner	CAICT srl - Centro Assistenza Imprese Coldiretti Toscana	Viale Fratelli Rosselli 20 50123 Firenze FI Italy	055 32357213	caict.formazione.toscana@coldiretti.it
Partner	Università degli Studi di Firenze - Dipartimento di Scienze e Tecnologie Agrarie, Alimentari, Ambientali e Forestali (DAGRI)	Piazzale delle Cascine, 18 50144 Firenze FI Italy	055 2755700	direttore@dagri.unifi.it
Partner	Azienda agricola Bemoccoli	Via Arno, 1 52043 Castiglion Fiorentino AR Italy	0575 367108	lаторreamm@gmail.com
Partner	Impresa Verde Arezzo srl	Viale Mecenate, 5/P 52100 Arezzo AR Italy	0575 39951	arezzo@coldiretti.it

Pratiche abstract

Description

Innovative precision agriculture technologies to support the various agronomic phases.

Link utili

Titolo/Descrizione	Url	Tipologia
Sito web del progetto	https://www.gotinia.it/	Sito web
Innovators by nature	https://www.facebook.com/watch/live/?ref=watch_permalink&v=451349705854401	Materiali utili
Video sulla STAZIONE AGROMETEO	https://www.youtube.com/watch?v=QM4ZMzHKw-A	Materiali utili
Video del progetto	https://www.youtube.com/watch?v=oDG1NPkkRyk	Materiali utili
Video - Presentazione dei risultati del progetto	https://www.youtube.com/watch?v=baqEOKZqwgw	Materiali utili
