

Precision animal husbandry

Riferimenti

Tipo di progetto

Gruppo Operativo

Acronimo

ZOP

Tematica

Gestione aziendale

Information

Time frame

2019 - 2022

Durata

36 months

Partners (no.)

9

Regione

Marche

Comparto

Zootecnia

Localizzazione

ITI32 - Ancona

ITI33 - Macerata

ITI35 - Fermo

Costo totale

€336.000,00

Fonte di finanziamento principale

Programma di sviluppo rurale

Programma di sviluppo rurale

2014IT06RDRP008: Italy - Rural Development

Programme (Regional) - Marche

Parole chiave

Animal husbandry and welfare

Food quality / processing and nutrition

Sito web

<https://www.assam.marche.it/progetti-misura-16-1-psr-marche/1107-zootecnia-di-p...>

Project status

ongoing

**Objectives**

Development of an IT platform able to provide dairy farming companies with sheep and cattle from the Marche region with information that improves the company's management.

Activities

Experimentation of an innovative business management system on a sample of dairy and cattle companies through the development of an IT platform capable of supplying the zootechnical companies of the Marche region with information that improves business management. The project is divided into three years, at the end of which some bank dates will be created that will also feed the IT platform in the future: Milk analysis database, feed tag analysis database, company database, production performance skills, quality performance skills.

Context

The dairy farming sector in Italy is today facing challenges concerning the sustainability of productions, the reduction of environmental impact, the safeguarding of the welfare of animals for zootechnical use, the safety of food for animals and humans, the opposition to emerging health problems. In this, as in many other agrozootechnical fields, the decision-making level assumes a significant importance and must therefore make use of instruments capable of supporting the choices. The birth and development of the so-called precision farming is the answer to this growing need. It is based on the programmed, accurate and systematic collection of information and data that, once placed in open archiving systems, are subjected to analysis and processing aimed at supporting the decision-making phase in terms of targeted and maximally effective choices. While in the agronomic field, complex operating systems have already been developed and are in use, in the zootechnical field the available models and tools are still limited, in particular those related to health aspects. The adaptation of the dairy farm to the new production strategies requires a

significant improvement in the effectiveness of the company processes and the optimization of the results. It is therefore necessary to start introducing in this sector operating systems that start from reliable data and information and, passing through coherent, sustainable and aware choices, lead to the development of actions based on validated and recognized protocols. Just about this last aspect, the fight against the phenomenon of antibiotic resistance is becoming an absolute priority, even in the agri-food sector.

Partenariato

Role	Azienda	Address	Telephone	E-mail
Leader	Cooperlat Società Cooperativa Agricola	Via Piandelmidico 74 60035 Jesi AN Italy	0731 2381	m.mazzarini@trevalli.cooperlat.it
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Partner	Stalla San Fortunato Società Cooperativa Agricola	Via San Fortunato 60030 Serra de' Conti AN Italy	0731 879768	stallasanfortunato@virgilio.it
Partner	Società Cooperativa Agricola Lattiero Casearia Sibilla	Via A. Volta, 17 63857 Amandola FM Italy	0736 847210	sibillaamandola@libero.it
Partner	Cooperativa Frentana S.r.l.	Via Re di Coppe 66034 Lanciano CH Italy	0872 49047	

Role	Azienda	Address	Telephone	E-mail
Partner	Montefeltro Latte Società Cooperativa Agricola	Località Certino Via A. Ciuffetti, 48 47863 Perticara Novafeltria RN Italy	0541 915298	
Partner	Istituto Zooprofilattico Sperimentale dell'Umbria e delle Marche	Via Gaetano Salvemini 1 06126 Perugia PG Italy	075 3431	direzione@izsum.it
Partner	ASSAM - Agenzia Servizi Settore Agroalimentare delle Marche	Via Industria 1 60027 Osimo AN Italy	071 8081	info@assam.marche.it

Pratiche abstract

Description

The innovation we intend to introduce concerns the definition of a zootechnical management model of dairy farms based on the creation of an IT platform that communicates with the IT systems of other GO partners and re-elaborates the data collected through the development of a specific algorithm , allows the categorization of companies based on 4 main thematic areas (well-being, bio-safety, health and use of the drug). The IT platform will also allow the precise definition of the critical issues on which to intervene, providing strategic support to farmers and veterinarians for identifying the corrective actions to be taken and for defining the most appropriate procedures to ensure company efficiency. The effectiveness of the innovativeThe management model will be experimented on a sample of companies by first defining the selection criteria of the same, and will allow to carry out a series of interventions that will no longer be undertaken only on the basis of experience or professionalism of the single operator, but established on the basis of the criticalities arising from the objective and systematic re-elaboration of data and information.

Link utili

Titolo/Descrizione	Url	Tipologia
ZOP	https://www.trevalli.cooperlat.it/progetti/	Sito web
Pagina web	http://www.assam.marche.it/progetti-misura-16-1-psrmarche/1107-zootecnia-di-pr...	Link ad altri siti che ospitano informazioni del progetto