

Sustainability of dairy farms for the future: competitiveness, environment and society towards the emerging needs of community

Riferimenti

Tipo di progetto

Gruppo Operativo

Acronimo

STALLA 4.0

Tematica

Benessere animale

Information

Time frame

2018 - 2023

Durata

71 months

Partners (no.)

21

Regione

Veneto

Comparto

Zootecnia - bovini/bufalini

Localizzazione

ITH32 - Vicenza

Costo totale

€1.042.090,00

Fonte di finanziamento principale

Programma di sviluppo rurale

Programma di sviluppo rurale

2014IT06RDRP014: Italy - Rural Development

Programme (Regional) - Veneto

Parole chiave

Animal husbandry and welfare

Climate and climate change

Farming/forestry competitiveness and diversification

Sito web

<http://www.stalla4punto0.it/>

Project status

completed



Objectives

The main objective of the project is to develop the SMART component of "Stalla 4.0" an innovative tool to increase the economic, environmental and social sustainability of dairy farms of the Veneto Region, taking into account that the consumer requires systems of milk production that guarantee more and more ethical aspects (best animal welfare and reduced environmental impact).

This main objective will allow the dairy sector to identify approaches that increase the robustness of the farms through the adoption of most promising environmental and animal welfare practices guaranteeing the improvement of productivity, reliance and the competitiveness of regional dairy production.

Activities

Under the management of LP (WP01), the project will carry out an evaluation of the level of compliance of dairy farms in Veneto Region towards regional, national and international environmental and animal welfare (AW) standard (WP02). The impact on AW, environmental and economic performance of farms' improvements (WP08) will be evaluated within WP03 (ex-ante) and WP04 (ex-post) activities. The data collected in WP03 and WP04, will feed a forecast models quantifying the economic impact of AW and environmental practices (WP05), implementing a smart-decision tool working with mobile access based on big data server (WP06). Farmers will profit of dissemination (WP01) and training activities (WP08).

Context

The problem that will be solved with the project STALLA 4.0 is to increase the economic, environmental and social sustainability of dairy farms of the Veneto Region. Public opinion is less and less inclined to accept the "intensive" breeding model that is unresponsive to animal welfare issues and is identified as the responsible for soil, water and air pollution. In addition, dairy farms are experiencing a heavy economic crisis that seriously impaired their future.

The innovative solution adopted is the creation of a SMART management tool for the dairy farms, accessible by mobile support, which stores, analyses and evaluates just in time the economic, environmental, and animal welfare performances. Information will be shared and processed through a centralised Hub with a two-way flow of information (from and to the Hub) for benchmark evaluations of individual businesses.

The Stalla 4.0 project fully respects the PEI aims for promoting competitiveness, reducing emissions and improving resilience in dairy farming through the efficiency of breeding systems by working in harmony with the community's expectations regarding the protection of natural resources and respect for animal welfare

Partenariato

Role	Azienda	Address	Telephone	E-mail
Leader	Associazione Regionale Allevatori del Veneto	Viale Leonardo da Vinci 52 36100 Vicenza VI Italy	0444 396920	direzione@arav.it
Partner	Bianca società agricola s.s. di Cabianca Dario e Zordanazzo Daniela	Via San Martino 10 36040 Grisignano di Zocco VI Italy	340 5691227	cabiancafarm@alice.it
Partner	Cellina s.s. società agricola	Via S. Martino 8/5 31020 San Polo di Piave TV Italy	340 9747998	luciano.papa.tv@gmail.com
Partner	Coldiretti Veneto	Via Torino 180 30172 Mestre VE Italy	0415455260	veneto@coldiretti.it

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<https://www.innovarurale.it/pei-agri/gruppi-operativi/bancadati-go-pei/la-sostenibilita-della-stalla-da-latte-del-futuro>

Role	Azienda	Address	Telephone	E-mail
Partner	Società Agricola Corso Andrea e Giovanni	Via Strada romana 5 37040 Veronella VR Italy	333 9164915	ginilaura@inwind.it
Partner	Dazzi Celestino	Via A. Costa 38 32016 Farra D'Alpago BL Italy	349 5631663	dazzi.celestino@gmail.com
Partner	Azienda Agricola De Franceschi Floriano	Via Valdilonte 4 36070 Castelgomberto VI Italy	349 1238456	de.franceschi@alice.it
Partner	Azienda Agricola Due Pioppi di Favaretto Lorenzo	Via Cavini di Sala 127/1 30035 Mirano VE Italy	335 6306241	lorenzo.favaretto@virgilio.it
Partner	Fattoria Curto di Curto Giancarlo	Via La Dolza 5 31051 Valmareno di Follina TV Italy	0438 975550	info@fattoriacurto.it
Partner	Impresa Verde Vicenza srl	Via Zamenhof 697 36100 Vicenza VI Italy	0444 189665	roberto.palu@coldiretti.it
Partner	La Francescana società cooperativa agricola	Via Novegno 8 32030 Arsiè BL Italy	0439 59195	lafrancescana@gmail.com
Partner	Lattebusche sca	Via Nazionale 59 32030 Busche BL Italy	0439 3191	info@lattebusche.it
Partner	Latterie vicentine sca	Via San Benedetto 19 36050 Bressanvido VI Italy	0444 1425000	info@latterievicentine.it

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Role	Azienda	Address	Telephone	E-mail
Partner	Azienda Agricola Leonardini Renato	Via Coste 10 36030 Zugliano VI Italy	338 288 0425	leonardirenato@alice.it
Partner	Paccagnella Giacomo e Francesco soc. agric. semplice	Via Sebenigo 34 36040 Grisignano di Zocco VI Italy	347 6446176	az_paccagnella@libero.it
Partner	Pagiusco società agricola s.s.	Via Chiesa 5 36050 Bressanvido VI Italy	340 2846028	fpagiusco@gmail.com
Partner	Latteria Soligo società agricola cooperativa	Via 1° Settembre 32 31020 Soligo TV Italy	0438 985111	info@latteriasoligo.it
Partner	Tomasella Giuseppe	Via Ferdinando Ferracini 50 31013 Codognè TV Italy	347 12833636	tomasella.giuseppe@infinito.it
Partner	Azienda Agricola Turato Silvano	Via Molini 51 35010 Taggi di Sotto PD Italy	333 2072221	silvanoturato@libero.it
Partner	Università degli Studi di Padova - Dipartimento di Biomedicina Comparata e Alimentazione	Via 8 Febbraio, 2 35122 Padova PD Italy	049 8272602	dipartimento.bca@pec.unipd.it
Partner	Varotto Roberto	Via Castelletto Nord 3 30020 Meolo VE Italy	380 5866966	azvarotto@virgilio.it

Pratiche abstract

Description

Public opinion and consumers are less and less inclined to accept the "intensive" breeding model that is perceived as unresponsive to animal welfare issues and is identified as the responsible for soil, water and air pollution. At the same times, dairy farms are experiencing a heavy economic crisis that seriously impaired their future.

STALLA 4.0 want to solve these problems by increasing the economic, environmental and social sustainability of dairy farms of the Veneto Region.

The innovative solution that will be adopted is the development of a SMART management tool for the dairy farms, accessible by mobile support, which stores, analyses and evaluates just in time the economic, environmental, and animal welfare performances. Information will be shared and processed through a centralised Hub with a two-way flow of information (from and to the Hub) for benchmark evaluations of individual businesses.

Link utili

Titolo/Descrizione	Url	Tipologia
Sito web del progetto	http://www.stalla4punto0.it/	Sito web
MAPS - UNIPD	https://www.maps.unipd.it/ricerca/progettocompetitivi/stalla-4-punto-0	Link ad altri siti che ospitano informazioni del progetto
Facebook	https://www.facebook.com/groups/552186248568921	Link ad altri siti che ospitano informazioni del progetto
Video Intervista Prof. Trestini - InnovaMarche	https://www.youtube.com/watch?v=jyLkD9LWBs	Materiali utili
Video del Webinar - Stalla 4.0	https://www.youtube.com/watch?v=a0FWsagSjzY	Materiali utili
Articles - L'allevatore Veneto	http://www.arav.it/Home/Rivista	Materiali utili
Youtube playlist	https://www.youtube.com/playlist?list=PLSNcNvaW37A4u0XFHL3%20YvV1F-KNSbjkHt	Link ad altri siti che ospitano informazioni del progetto