

Cardoon: a low environmental impact cultivation to redevelopment of marginal areas

Riferimenti

Tipo di progetto

Gruppo Operativo

Acronimo

GO-CARD

Tematica

Biodiversità

Information

Time frame

2019 - 2021

Durata

32 months

Partners (no.)

11

Regione

Toscana

Comparto

Orticoltura

Localizzazione

ITI14 - Firenze

ITI17 - Pisa

ITI1A - Grosseto

Costo totale

€363.023,54

Fonte di finanziamento principale

Programma di sviluppo rurale

Programma di sviluppo rurale

2014IT06RDRP010: Italy - Rural Development

Programme (Regional) - Toscana

Parole chiave

Farming/forestry competitiveness and diversification

Landscape /land management

Soil management / functionality

Sito web

<https://www.go-card.eu/>

Project status

completed



Objectives

Promote the creation and development of a locally integrated agro-industrial supply chain to offer a new income opportunity to farmers who operate in marginal or no longer productive land with the sole use of traditional crops, through:

- the introduction / adaptation in the company of already existing and tested practices, processes and technologies that allow an improvement in economic and environmental performance (reduction of production costs and containment of negative environmental externalities);
- diversification of local agricultural production also for the exploration of new market outlets.

Activities

1. Animation and networking.
2. Tests of cultivation of organic thistle on land with scarce accessibility, in comparison with other annual oleaginous crops, in marginal hilly areas, on low-fertile and scarcely accessible land, on hilly and clayey soils.
3. Coordination of activities of the pilot farms and analysis of the sustainability of the cultivation of the thistle.
4. Techno-scientific evaluation of solutions for the exploitation of by-products.
5. Proof of feeding of beef cattle with thistle flour.
6. Benchmarking and scouting subjects for the completion of the supply chain.
7. Monitoring.
8. Information and training.

Context

The project idea concerns the introduction, in some areas of Tuscany, of a culture with low environmental impact, such as thistle, to support and supplement farmers' income. Where traditional crops are no longer profitable and land is progressively abandoned, the introduction of such crops in an integration with the industry, as the main but not exclusive user of the agricultural product, can provide important answers to the restructuring needs of the economic and environmental sector and redevelopment of the territory.

The project involves the Mugello (Florence) and the geothermal area of 4 Municipalities of the provinces of Pisa and Grosseto.

The cardo, suitable for poor, degraded, poorly used and / or abandoned land because of negative economic margins and, at the same time, useful for the development of green chains (bioeconomy), responds to a plurality of needs in these areas. It adapts to different pedoclimatic conditions, does not require significant chemical inputs and gives rise to a product that, in its different components, responds to different purposes (oil seeds, biomass for energy purposes, cake for feed use, straw for energy use or for litter).

Its cultivation, alongside traditional crops contributes to the diversification of companies, increasing the yields of the land, reducing costs and optimizing revenues, creating a system economy that involves agriculture and industry.

Partenariato

Role	Azienda	Address	Telephone	E-mail
Leader	Impresa Verde Toscana srl	Via della Villa Demidoff 64 50127 Firenze FI Italy	055 323571	
Partner	Istituto Zooprofilattico Sperimentale delle Regioni Lazio e Toscana M. Aleandri (IZSLT)	Via Appia Nuova 1411 00178 Roma RM Italy	06 790991	info@izslt.it
Partner	Novamont spa	Via G. Fauser 8 28100 Novara NO Italy	0321 699611	
Partner	CAICT srl - Centro Assistenza Imprese Coldiretti Toscana	Viale Fratelli Rosselli 20 50123 Firenze FI Italy	055 32357213	caict.formazione.toscana@coldiretti.it

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<https://www.innovarurale.it/pei-agri/gruppi-operativi/bancadati-go-pei/cardo-una-coltura-basso-impatto-ambientale-la>

Role	Azienda	Address	Telephone	E-mail
Partner	Azienda Agricola Lela Stefano	Via Sarzanese. Podere Agresto 253 56045 Pomarance PI Italy	0588 572033	
Partner	Società Agricola Lippi e Nocentini	Frazione Villa 7 50062 Dicomani FI Italy	055 838186	
Partner	Società Agricola Bacciotti Giovanna	Via di Gabbiano 7 50038 Scarperia FI Italy	055 8406905	info@pecorinobiologico.it
Partner	Consorzio Re-Cord	Via di Mucciana, 25 50026 San Casciano Val di Pesa FI Italy	055 8431096	renato.nistri@re-cord.org
Partner	Istituto di Scienze della Vita - Scuola Superiore Sant'Anna	Via Santa Cecilia 3 56127 Pisa PI Italy	050 883919	
Partner	Azienda Agricola La Commenda	Località Padule 107A 50039 Vicchio FI Italy	335 6162307	commendamugello@gmail.com
Partner	Società Semplice Agricola Le Cornate	Podere Le Ghiacciaie 58026 Montieri GR Italy		

Link utili

Titolo/Descrizione	Url	Tipologia
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Titolo/Descrizione	Url	Tipologia
Sito web del progetto	https://www.go-card.eu/	Sito web
Video racconto del progetto	https://www.youtube.com/watch?v=zFgGyKI4laY	Materiali utili
Relazione tecnica finale del progetto	https://www.go-card.eu/wp-content/uploads/2022/08/RELAZIONE-FINALE-GO-CARD-sito...	Materiali utili
Practice abstract	https://www.go-card.eu/wp-content/uploads/2022/07/GO-CARD-PRACTICE-ABSTRACT_EIP...	Materiali utili
