

LICUADOS - Evaluation of the use of native varieties of legumes from organic farming and application of innovative solutions to reduce wastage

Summary

Consumer interest in organic farming products is growing significantly in Catalonia and worldwide, as shown by the organic production data of recent years. In this context of strong growth in production and demand, Catalan producers must adopt strategic measures to gain market share in a highly competitive sector, which should focus on developing products with high added value (e.g. with high nutritional value) and on improving the sustainability of the production system.

The project aims to use surplus native varieties of legumes from organic farming to produce new products with high added value.

Objectives

The main objective is the development of innovative products based on surplus native legume varieties from organic farming. The project has as secondary objectives: reduce waste, promote the use of native varieties and add value to agricultural production.

Description of the actions planned in the project

- Activity 1. Selection and characterisation of the different varieties of native legumes
- Activity 2. Development of two functional products with high nutritional value
- Activity 3. Development of two legume-based vegetable drinks
- Activity 4. Project dissemination actions

Expected results and practical recommendations

- Identification of natives varieties of legumes with the optimum properties for the measures to be implemented.
- Obtaining two functional products with high added value from native varieties of legumes.
- Obtaining two vegetable drinks made from native varieties of legumes.

Leader of the Operational Group

ORGANISATION: AGROPECUÀRIA D'ARTESA DE SEGRE, SCCL

Coordinator of the Operational Group

ORGANISATION: IRTA - Institute of Agrifood Research and Technology

Other members of the Operational Group (grant recipients)

ORGANISATION: ECO ARTESA 2058, SLU

ORGANISATION: HORT DEL SILENCI, SL

Other members of the Operational Group (not recipients of the grant)

ORGANISATION: ANA TURÓN (RESTAURACIÓN COLECTIVA)

Subject area(s) of application

- Agricultural production system
- Agricultural practice
- Agricultural equipment and machinery
- Livestock farming and animal welfare
- Vegetable production and horticulture
- Landscape / Territorial management
- Pest and disease control
- Fertilisation and nutrient management
- Soil management
- Genetic resources
- Forestry
- Water management
- Climate and Climate Change
- Energy management
- Waste and by-product management
- Biodiversity and environmental management
- Food quality/processing and nutrition
- Supply chain, marketing and consumption
- Competitiveness and agricultural and forestry diversification
- General

Geographical area(s) of application

PROVINCE(S)	REGION(S)
Lleida, Girona	Noguera, Baix Empordà

Dissemination of the project (publications, conferences, multimedia, etc.)

Different dissemination actions are planned to effectively explain the project and report the results, and reach the whole target public included in the scope of the project (agri-food sector from primary production, processing and distribution through to consumers): sectoral conference, informative article, infographics and publishable report, social media and informative video.

Project website

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More information on the project

PROJECT DATES	TOTAL BUDGET

Starting date: July 2021	Total budget: €160,272.00
	DACC funding: €74,118.24
Current status: Under way	EU funding: €55,913.76
	Own funding: €30,240.00

With funding from:

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Order ARP/113/2021 of 20 May, approving the regulatory bases for grants for cooperation for innovation by promoting the creation of European Association for Innovation operational groups in the areas of agricultural productivity and sustainability and the execution of innovative pilot projects by those groups, and Resolution ACC/1660/2021, of 27 May, announcing the call for the grant.

