

A - Informazioni generali

CIP

OPDZZB

Codice Interno Proposta

Proponente

BRANCA, Ferdinando - DI3A

Il ricercatore che registra la proposta.

Stato

Inviata

Ambito

INTERNAZIONAL

Scadenza Interna

14/04/2026

Acronimo

INNOVEGING

Titolo

INNOvative and efficient VEGetable FarmING systems for improving crop resilience and resource efficiency use

Descrizione

The INNOVEGING project aims to reduce the costs of the total production factors, or to increase their use efficiency, and to enhance the resilience of vegetable crops to biotic and abiotic stresses by the validation of five groups of prototypes to use for the EU regional pilot farming systems proposed. The first group of prototypes is represented by new sets of varieties/élite lines of 20 vegetable crops/species grown both in open field and greenhouse, represented by neglected landraces of major crops, underutilized crops, and wild species of interest as vegetable, already studied and selected by the partners in the frame of previous and/or ongoing national and EU projects. The species/genotypes selected are characterised by their adaptability to limited water and fertilizer resources and excellent produce quality. The other four groups of prototypes are represented; **a)** the machine line for seed priming and coating; **b)** the grafting combinations; **c)** the natural compounds to use for increasing the crop tolerance against biotic and abiotic stresses; **d)** microorganisms for increasing soil fertility, and plant nutrition and protection. The set of the prototypes studied will be evaluated and validated by the demonstrations of pilot farming systems proposed, across different EU pedoclimatic conditions, and for both organic and conventional ones. Participatory farming for the evaluation and validation of the prototypes proposed, and of their vegetable produce will involve the project's stakeholders for developing comprehensive growing protocols supported by demonstration activities in the 5 EU countries and 3 associated ones. The results and the data collected during the demonstration activities, will be utilized to compare the cost-effective benefits of the proposed prototypes/pilot farming systems in comparison to the traditional ones, and to upscale them by business model, showing their economic, social, and environmental sustainability.

Bando Di Riferimento

HORIZON-CL6-2026-02-two-stage

B - Durata e macro parametri finanziari

Ente Finanziatore

Horizon Europe

Durata Mesi

48

Durata complessiva in mesi del progetto.

Costo Complessivo

€4.480.000

Costo complessivo del progetto.

Finanziamento Atteso

€4.480.000

Quota di finanziamento che si prevede di ottenere dal soggetto finanziatore

Finanziamento Atteso Unict

€650.000

Quota del finanziamento atteso che spetterebbe all'Università di Catania.

D - Componenti del gruppo di ricerca*

Ruolo	Ssd	Struttura	Nominativo	Monte Ore	Note
RESP_SCIENTIFICO	AGRI-02/B	DI3A	BRANCA, Ferdinando	700	Coordinatore della proposta progettuale

* **Solo** Corpo docente UNICT. È possibile indicare altri eventuali componenti nelle note o nella descrizione.

F - Note

Note

Responsabile Amministrativo Dott. Roberto Faedda	▲
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