

# Interreg



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## Italia - Malta

### **Modulo per la ricerca di partner / Partner search form**

Avviso pubblico 1/2023 per la presentazione di progetti di cooperazione a valere su tutti gli obiettivi specifici del Programma INTERREG VI – A Italia Malta

Public notice 1/2023 for the submission of cooperation projects falling within all specific objectives of INTERREG VI – A Italia Malta programme

**SEZIONE A: CARATTERISTICHE DELL'ENTE CHE RICERCA ALTRI PARTNER / SECTION A: CHARACTERISTICS OF THE ENTITY SEEKING OTHER PARTNER/S.**

**1. Anagrafica Ente / Entity data**

<b>1.1 - Nome e Cognome / Name and Surname</b>	Gianfranco Badami
<b>1.2 - Nome dell'ente / Name of the organization</b>	CORERAS – Consorzio per la ricerca applicata e la sperimentazione
<b>1.3 - Tipo di beneficiario / Type of beneficiary</b>	<input type="checkbox"/> Autorità pubblica (locale, regionale o nazionale) / Public Authority (local, regional or national) <input type="checkbox"/> Agenzia Pubblica / Public agency <input checked="" type="checkbox"/> Università o Centro di ricerca / University or Research centre <input type="checkbox"/> Impresa / Enterprise <input type="checkbox"/> Organizzazione di sostegno alle imprese / Business support organisation <input type="checkbox"/> Camera di commercio / Chamber of commerce <input type="checkbox"/> Cluster / Cluster <input type="checkbox"/> Incubatore / Incubator <input type="checkbox"/> Living lab / Living lab <input type="checkbox"/> Istituto Tecnico Superiore / Higher Technical Institute <input type="checkbox"/> Istituto scolastico (di ogni ordine e grado) / Educational institution (of all levels) <input type="checkbox"/> Corpo di protezione civile e servizi di emergenza / Civil protection corp and emergency services <input type="checkbox"/> Organizzazione della società civile / Civil society organisation <input type="checkbox"/> Ente gestore di siti, riserve, parchi, aree protette / Managing body of sites, reserves, parks, protected areas <input type="checkbox"/> Associazione attiva nei settori ambientali / Association active in the environmental sectors <input type="checkbox"/> Associazione attiva nei settori della valorizzazione del patrimonio naturale e culturale / Association active in the enhancement of natural and cultural heritage <input type="checkbox"/> Ente e/o associazione di promozione della partecipazione attiva di soggetti svantaggiati / Body and/or association promoting the active participation of disadvantaged subjects <input type="checkbox"/> Associazione di consumatori / Consumer association
<b>1.4 - Status giuridico / Legal status</b>	<input checked="" type="checkbox"/> Ente pubblico / Public entity <input type="checkbox"/> Organismo di diritto pubblico / Body governed by public law

	<input type="checkbox"/> Ente privato dotato di personalità giuridica / Private body having a legal personality <input type="checkbox"/> Ente del terzo settore iscritto nel Registro unico nazionale del terzo settore (Runts) / Third sector entity included in the Italian National Register for Third Sector (Runts) <i>oppure / or</i> <input type="checkbox"/> Ente del terzo settore iscritto nel registro del Commissioner for Voluntary Organisations / Third sector entity registered with the Maltese Commissioner for Voluntary Organisations
1.5 - E-mail	consorzioconeras@gmail.com
1.6 - Website	www.coneras.it

## 2. Esperienza / Experience

2.1 - Settore di esperienza / Field of experience	<p>X Ricerca e Innovazione / Research and Innovation</p> <input type="checkbox"/> Capitale umano / Human capital <input type="checkbox"/> Cambiamento climatico / Climate change <input type="checkbox"/> Rischi naturali e antropici / Natural risks and deriving from human activities <input type="checkbox"/> Economia circolare / Circular economy <input type="checkbox"/> Patrimonio naturale e biodiversità / Natural heritage and biodiversity <input type="checkbox"/> Beni culturali / Cultural heritage <input type="checkbox"/> Inclusione sociale / Social inclusion <input type="checkbox"/> Turismo / Tourism <input type="checkbox"/> Innovazione sociale / Social innovation <input type="checkbox"/> Cooperazione istituzionale e reti di cooperazione / Institutional cooperation and cooperation network
2.2 Competenze dell'ente / Competences of this organisation	<p>The CORERAS (Regional Consortium for Applied Research and Experimentation), legally established under Article 5 of the Regional Law of August 5, 1982, No. 88, is an instrumental and controlled entity of the Regional Department of Agriculture, Rural Development, and Mediterranean Fisheries. It is a public entity headquartered in Palermo at Via Libertà n. 203, at the Agricultural Development Agency (<a href="https://www.coneras.it/">https://www.coneras.it/</a>). The Consortium, within the framework of the guidelines set by the Regional Councilor for Agriculture, Rural Development, and Mediterranean Fisheries, pursues the development and structural and organizational modernization of the following systems in Sicily, without profit motives: agri-food,</p>

	<p>agro-industrial, and agro-environmental. This is achieved through applied research and experimentation activities supporting various phases of supply chains and systems, and through the dissemination of results, including training, qualification, and updating of technicians operating in Sicily. It also provides technical assistance and consultancy to public and private entities; trains technicians, researchers, entrepreneurs, and operators of public and private entities; and carries out analysis, experimentation, feasibility studies, and the design of interventions funded by European, national, and regional funds. The Consortium organizes its activities by productive compartments, specialized sectors, or thematic areas. Within these activities, the Consortium works towards the objectives set out in Article 16 of L.R. 3.6.1975, No. 24, the third paragraph of Article 3 of L.R. 20.4.1976, No. 36, Article 4 letter a) of L.R. 1.8.1977, No. 73, and in accordance with current regulations. For these purposes, it utilizes the territorial bases made available by the Region, local authorities, and entities and associations recognized by the Region operating in the sector, establishing experimental farms at these locations. Over the years, CORERAS has committed itself to building a structural organization (physical structures and scientific intelligence) aimed at creating a regional scientific institution that complements and enhances the existing Public Scientific Institutions in the Region, both in structural aspects, thematic research areas, and scientific personnel.</p>
<p><b>2.3. - Partecipazione a precedenti progetti del Programma IT-MT / Participation in previous IT-MT Programme projects</b></p>	<p>None</p>
<p><b>2.4 - Partecipazione a programmi e progetti finanziati da altri fondi europei / Participation in programs and projects financed by other European funds</b></p>	<p>Year 2023</p> <ul style="list-style-type: none"> <li>• <b>CELAVIE Project</b> 'Cellule technologique de la vie (closed cycle aquaponic system production)', Lead Partner CORERAS + 5 Partners. Italy-Tunisia 2014-2020 cross-border cooperation program, D.D.G. no. 460/sv-drp/2020, code is_2.1_029, total amount admitted €975,688.95. The project aims to contribute to the agriculture and aquaculture sector, particularly in the internal areas of Sicilian and Tunisian territories, offering an impulse centered on innovation in processes and products. The project involves the creation of a</li> </ul>

system, a Vital Cell, capable of combining the production of plants and aquatic animals in a unique, eco-sustainable, and guaranteed cycle, characterized by low cost to avoid conflict with other already saturated markets, providing quality genetic material at km 0.

• **INNOMAM Project** 'Genetic, cultural, and post-harvest innovations for the mango supply chain in Sicily', Lead Partner CORERAS + 16 Partners. RDP Sicily 2014-2022, Sub-measure 16.1, D.D.S. no. 4506/2020, total support admitted €471,013.03 Sede Legale: Viale della Libertà n. 203 - 90143 Palermo PA - Tel: 091.7305841 - P.iva: 04851420820 - C.F.: 97155270826 email: consorziocoreras@gmail.com – PEC:

pec.coreras@cert.ticertifica.it

(<https://www.innomam.it/>) Given the rapid expansion

of the mango supply chain thanks to collaboration

between research entities, innovation brokers,

agricultural businesses, and industrial companies,

solutions and development models will be provided

through: Identification of the best varieties, based on

the pedoclimatic characteristics of the production areas

Study of the cultural and environmental factors

influencing crop development, to achieve high-quality,

low environmental impact production Selection of the

best plants, analysis of microclimates and influences on

flowering and fruiting, monitoring of parameters and

development of models to improve production and its

impact Monitoring of plants at partner companies to

acquire useful information for developing fruit

development models

• **SFINGE Project** 'Organization of a Nutraceutical Supply System for Wheat and Pseudocereals of High Commercial Interest', Lead Partner PROBIO.SI. S.C. A R.L. + 16 Partners including CORERAS. RDP Sicily 2014-2022, Sub-measure 16.1, D.D.S. no. 4165/2020, total support admitted €498,351.00

(<https://www.progettosfinge.it/>). Through the SFINGE

project, the intention is to: Organize an Innovative

Production System (SIC-S), BIO and Eco-sustainable, that

allows for the certification of wheat traceability using

new ICT tools and applying Blockchain methodology;

Create a certified supply chain that produces innovative

products (cereals, pseudocereals, and flours) with high

nutraceutical value.

• **PLEURON Project** (Project for protected environment cultivation of Pleurotus Nebrodensis (Basilisco Mushroom) for food, medicinal, and phytopathological purposes), Lead Partner CORIBIA + 10 partners including CORERAS. RDP Sicily 2014-2022 SUB-MEASURE 16.1

'Support for the formation and management of

operational groups of the PEI in the field of agriculture

productivity and sustainability'. Operational Group: IL

BASILISCO. Presented within the framework of the Call

	<p>for Proposals Annex A to D.D.G. no. 3281 of 08/03/2022, Project duration: 24 months.</p> <ul style="list-style-type: none"> <li>• <b>GREEN AROMAS Project</b>, Aromaticity and Longevity of Catarratto: Innovation in Field and Winery based on Biodiversity, By-products, and High Sustainability Biotechnologies. Lead Partner CORERAS + 7 partners. RDP Sicily 2014-2022 SUB-MEASURE 16.1 'Support for the formation and management of operational groups of the PEI in the field of agriculture productivity and sustainability', Operational Group: GREEN AROMAS. Presented within the framework of the Call for Proposals Annex A to D.D.G. no. 3281 of 08/03/2022, Project duration: 24 months. Admitted for funding, awaiting decree. The aim of the project is to transfer innovations to enhance the aromatic strength and longevity of Catarratto wine. This means increasing the sales value of the most produced wine and the most widespread grape in Sicily. In this context, the transfer of innovation will go through strategies with high environmental sustainability value (compost), energy sustainability (reuse of lees and automation industry 4.0) as well as ecosystem biodiversity (territorial yeasts), thus representing a technical-scientific-business activity with a real impact on the agricultural, entrepreneurial, and socio-cultural fabric of the Island.</li> </ul>
<p>2.5 – Specificare se l'organizzazione intende svolgere il ruolo di capofila o partner / This organisation is willing to be a Lead Partner or partner in this IT-MT call</p>	<p><input checked="" type="checkbox"/> Capofila / Lead Partner <i>oppure/or</i></p> <p><input type="checkbox"/> Partner</p>

## SEZIONE B: IDEA PROGETTUALE / SECTION B: PROJECT IDEA

### 3. Campo di interesse della candidatura e ricerca Partner / Field of Interest of the Application and partner search

<p>3.1 - Priorità e Obiettivo Specifico/ Priority and Specific Objectives</p>	<p><b>PRIORITÀ 1 - Un'area di cooperazione più intelligente per promuovere la ricerca e l'innovazione e lo sviluppo delle competenze per la specializzazione intelligente /</b>  <b>PRIORITY 1 – A smarter area of cooperation to promote research and innovation and the development of skills for smart specialisation</b></p> <p><input type="checkbox"/> OS 1.1 - Sviluppare e rafforzare le capacità di ricerca e di innovazione e l'introduzione di tecnologie avanzate nell'area transfrontaliera / SO 1.1 – Developing and enhancing research and innovation capacities and the uptake of advanced technologies in the cross-border area</p> <p><input type="checkbox"/> OS 1.2 - Sviluppare le competenze per la specializzazione intelligente, la transizione industriale e l'imprenditorialità dell'area transfrontaliera / SO 1.2 -</p>
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	<p>Develop skills for smart specialisation, industrial transition and entrepreneurship in the cross-border area</p> <p><b>PRIORITÀ: 2 - Un'area di cooperazione resiliente, che rafforza la protezione e la preservazione della natura anche attraverso l'uso efficiente delle risorse /</b>  <b>PRIORITY 2 - A resilient cooperation area, which strengthens the protection and preservation of nature also through the efficient use of resources</b></p> <p><input type="checkbox"/> OS 2.1 - Promuovere l'adattamento ai cambiamenti climatici, la prevenzione dei rischi di catastrofe e la resilienza dell'area transfrontaliera / SO 2.1 – Promoting climate change adaptation, disaster risk prevention and resilience in the cross-border area</p> <p><input type="checkbox"/> OS 2.2 - Promuovere la transizione verso un'economia circolare dell'area transfrontaliera – SO 2.2 - Promoting the transition to a circular economy in the cross-border area</p> <p>X OS 2.3 - Rafforzare la protezione e la preservazione della natura, la biodiversità, le infrastrutture verdi e ridurre l'inquinamento dell'area transfrontaliera / SO 2.3 - Enhancing the protection and preservation of nature, biodiversity, green infrastructure and reducing pollution in the cross-border area</p> <p><b>PRIORITÀ 3 – Un'area di cooperazione efficiente in capitale sociale attraverso il ruolo della cultura e del turismo sostenibile nello sviluppo economico /</b>  <b>PRIORITY 3 - An area of efficient cooperation in social capital through the role of culture and sustainable tourism in economic development</b></p> <p><input type="checkbox"/> OS 3.1 - Rafforzare il ruolo della cultura e del turismo sostenibile dell'area transfrontaliera nello sviluppo economico, l'inclusione sociale e l'innovazione sociale / SO 3.1 - Enhancing the role of culture and sustainable tourism in the cross-border area in economic development, social inclusion and social innovation</p> <p><b>PRIORITÀ 4 – Un'area di cooperazione con una migliore governance tra l'Italia e Malta /</b>  <b>PRIORITY 4 - An area of cooperation with better governance between Italy and Malta</b></p> <p><input type="checkbox"/> OS 4.1 - Aumentare l'efficienza e l'efficacia della cooperazione nell'area transfrontaliera / SO 4.1 - Enhance the efficiency and effectiveness of cooperation in the cross-border area</p>
<p><b>3.2 - Breve descrizione dell'idea progettuale /</b>  <b>Brief description of the project idea</b></p>	<p>The use of fungi in traditional ancient therapies dates back at least to the Neolithic age. For millennia, fungi have been valued as edible and medical provisions for humankind. Contemporary research has validated and documented much of the ancient knowledge on medicinal mushrooms. The</p>

	<p>interdisciplinary field of science that studies medicinal mushrooms has been developed and increasingly demonstrates potent and unique properties of compounds extracted from a range of fungi species in the last three decades. Higher Basidiomycetes and Ascomycetes possess various immunological and anticancer properties. They also offer important health benefits and exhibit a broad spectrum of pharmacological activities including antibacterial, antifungal, antiviral, cytotoxic, immunomodulating, anti-inflammatory, antioxidative, antiallergic, antidepressive, antihyperlipidemic, antidiabetic, digestive, hepatoprotective, neuroprotective, nephroprotective, osteoprotective, and hypotensive activities. Fungi can be used as food, tonics, medicines, as cosmeceuticals, and natural biocontrol agents in plant protection with insecticidal, fungicidal, bactericidal, herbicidal, nematotoxic, and antiphytoviral activities. The multidimensional nature of the global fungi cultivation industry, its role in addressing critical issues faced by humankind and its positive contributions are noteworthy. Furthermore, fungus can serve as agents for promoting equitable economic growth in society. Since the lignocelluloses wastes are available in every corner of the world, they can be properly used in the cultivation of fungi, and therefore could pilot a so-called white agricultural revolution in less developed countries and in the world at large. Fungi demonstrate a great impact on agriculture and the environment and also have great potential for generating a great socioeconomic impact in human welfare on local, national, and global levels. Fungi produce many chemically diverse compounds with a broad spectrum of biological activities. In vitro assays, animal studies, and a few clinical trials justify the traditional experience and suggest a great potential of medicinal mushrooms and compounds for the prophylaxis and treatment of several diseases.</p>
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**SEZIONE C: CARATTERISTICHE DEL PARTNER RICERCATO / SECTION C: CHARACTERISTICS BEING SOUGHT IN OTHER PARTNER/S.**

**4. Caratteristiche del partner ricercato / Characteristics of the entity being sought**

<p><b>4.1 Tipologia di partner ricercato tra quelli elencati al punto 1.3 / Type of partner being sought among the ones listed in point 1.3</b></p>	<p>X Autorità pubblica (locale, regionale o nazionale) / Public Authority (local, regional or national)</p> <p>X Agenzia Pubblica / Public agency</p>
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	<p>X Università o Centro di ricerca / University or Research centre</p> <p>X Impresa / Enterprise</p> <p><input type="checkbox"/> Organizzazione di sostegno alle imprese / Business support organisation</p> <p><input type="checkbox"/> Camera di commercio / Chamber of commerce</p> <p><input type="checkbox"/> Cluster / Cluster</p> <p><input type="checkbox"/> Incubatore / Incubator</p> <p><input type="checkbox"/> Living lab / Living lab</p> <p><input type="checkbox"/> Istituto Tecnico Superiore / Higher Technical Institute</p> <p><input type="checkbox"/> Istituto scolastico (di ogni ordine e grado) / Educational institution (of all levels)</p> <p><input type="checkbox"/> Corpo di protezione civile e servizi di emergenza / Civil protection corp and emergency services</p> <p><input type="checkbox"/> Organizzazione della società civile / Civil society organisation</p> <p>X Ente gestore di siti, riserve, parchi, aree protette / Managing body of sites, reserves, parks, protected areas</p> <p><input type="checkbox"/> Associazione attiva nei settori ambientali / Association active in the environmental sectors</p> <p><input type="checkbox"/> Associazione attiva nei settori della valorizzazione del patrimonio naturale e culturale / Association active in the enhancement of natural and cultural heritage</p> <p><input type="checkbox"/> Ente e/o associazione di promozione della partecipazione attiva di soggetti svantaggiati / Body and/or association promoting the active participation of disadvantaged subjects</p> <p><input type="checkbox"/> Associazione di consumatori / Consumer association</p>
<p><b>4.2 - Competenze richieste del partner ricercato / Requested competence of the sought partner</b></p>	<p>Expertise in applied mycology and medicinal fungi</p>
<p><b>4.3 - Attività che dovrebbero essere realizzate dal partner ricercato / Activities that should be carried out by the sought partner</b></p>	<p>Study of the in vitro and in vivo (laboratory animals) efficacy of fungal extracts</p>

Inviare la scheda compilata all'indirizzo [stc.italia-malta@regione.sicilia.it](mailto:stc.italia-malta@regione.sicilia.it). Il Segretariato Congiunto provvederà a pubblicare la scheda di ricerca partner sul sito del programma [www.italiamalta.eu](http://www.italiamalta.eu).

Please, send the fulfilled template to [stc.italia-malta@regione.sicilia.it](mailto:stc.italia-malta@regione.sicilia.it). The Joint Secretariat will publish the partner search form on the programme website [www.italiamalta.eu](http://www.italiamalta.eu).