

PRESS DOSSIER: PRIMA PROJECTS

**A bridge to share knowledge
within the Mediterranean**



The PRIMA programme is an Art. 185 initiative supported and founded under Horizon 2020, the European Union's Framework Programme for Research and Innovation

DEVELOPED STAGE PROGRAMS:2018

WATER MANAGEMENT



Efficient use and management of conventional and non-conventional water resources through smart technologies (IoT).

WATERMED will design and develop an IoT-based platform based on a layered architecture that considers several types of services to ensure its replication and adaptability to different crops and locations. The expected impacts will be easily monitored all along the water cycle for agriculture, real-time controlled by the IoT and Services, helping to increase quantity and quality of water available for agriculture and to save water and nutrients.



Coordinating country:
Spain



Participating countries:
Algeria, Germany, Morocco
& Turkey.



Implementation period:
01/06/2019 - 31/05/2022



Coordinator:
University of Murcia
UMU



Donor(s): Partnership for
Research and Innovation
in the Mediterranean Area
– PRIMA



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<https://www.watermed-project.eu/>
WATERMED 4.0



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MEDWATERICE



Towards a sustainable water use in Mediterranean rice-based agro-ecosystems.

MEDWATERICE aims to explore the sustainability of innovative rice irrigation methods and technologies in the Mediterranean basin, in order to reduce rice water, use and environmental impacts, and to extend rice cultivation outside of traditional paddy areas to meet the growing demand.

Outcomes produced by MEDWATERICE are expected to generate knowledge on how to improve sustainability of rice production in the countries of the Mediterranean area, with particular attention to the adoption of water-saving techniques.



Coordinating country:
Italy



Participating countries:
Portugal, Spain, Turkey,
Egypt & Israel.



Implementation period: 01/04/2019 -
31/03/2022



Coordinator:
University of Milan
UMIL



Donor(s): PRIMA via MIUR
/ AEI / STDF / ISERD / CDTI
/ TUBITAK / FCT



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<https://www.medwaterice.org/>



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Sustainable coastal groundwater management and pollution reduction through innovative governance.

Sustain-COAST will explore new governance approaches to effectively support the coastal aquifer conservation against anthropogenic and climatic pressures, through the promotion of innovative water management concepts based on the 4R principles: Reduce; Recycle; Reuse and Recover.

Sustain-COAST intends to develop a calibrated multi-criteria decision supporting system (DSS) and a web Geographical Information System platform accessible for water stakeholders and policy makers.



Coordinating country:
Greece



Participating countries:
Germany, France, Italy,
Tunisia & Turkey



Implementation period: 01/06/2019
- 31/05/2022



Coordinator:
Technical University of
Crete - UTCR



Donor(s): PRIMA via GSRT
/ BMBF / ANR / MIUR /
TUBITAK / MESRS



Autor(s):
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<https://www.sustain-coast.tuc.gr/en/home>



Sustaincoast Project



@CoastSustain



@Sustaincoast.PRIMA



Sustain-COAST PRIMA



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FARMING SYSTEMS

PLANT-B

A sustainable mixed cropping-beekeeping system in the Mediterranean basin.

PLANT-B aspires to improve sustainability and agronomic return of Mediterranean citrus agroecosystem and beekeeping combining them in a mixed farming system. Such a farming system could also provide habitats for honeybees and other insect pollinators during the off-flowering crop season, increasing the sustainability and biodiversity of the system and subsequently its resistance against climatic changes.



Coordinating country:
Greece



Participating countries:
Algeria, Egypt, Spain,
France & Italy.



Implementation period:
01/01/2019 - 31/12/2021



Donor(s): Partnership for
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– PRIMA



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<https://www.plant-b.net/>



@plantb19



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SUSTAINOLIVE



An approach to promote the sustainability of olive groves in the Mediterranean.

Olive grove cultivation is a key socio-economic asset and is the dominant landscape of many regions of the Mediterranean olive oil producing countries. The objective of SUSTAINOLIVE is to enhance the sustainability of the olive grove farming throughout the implementation and promotion of novel sustainable technological solutions that are based on agro-ecological concepts and on knowledge exchange and co-creation among key actors and end-users.



Coordinating country:
Spain



Participating countries:
Greece, Italy, Morocco,
Portugal & Tunisia



Implementation period: 01/06/2019 -
31/05/2023



Coordinator:
University of Jaén
UJA



Donor(s): Partnership for
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– PRIMA



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<https://sustainolive.eu/>



SUSTAINOLIVE prima



Sustainolive



@sustainolive



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SIMTAP



A Self-sufficient integrated multi-trophic aquaponic systems for improving food production sustainability and brackish water use and recycling.

The main goal of SIMTAP is to define, design, set up and test an innovative food production system that drastically reduce the required fish feed inputs (fishmeal, fish oil, soybean, etc.), the consumption of resources (water, energy), and the production of waste and pollution, decreasing the Life Cycle impact on the environment of this segment of the food industry.



Coordinating country:
Italy



Participating countries:
Germany, France, Malta
& Turkey



Implementation period: 01/06/2019
- 31/05/2022



Coordinator:
University of Pisa
UNIFI



Donor(s): PRIMA via MIUR
/ ANR / TUBITAK / MCST
/BMBF



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<https://www.simtap.eu/index.php>



@ProjectSimptab



SIMPTAP Project



Simptap Project



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AGRO-FOOD VALUE CHAIN

MED4YOUTH



Mediterranean enriched diet for tackling youth obesity. Youth obesity is a strong predictor of adult obesity, which has well-known negative health and economic consequences.

MED4Youth main objective is to strengthen the link between the Mediterranean Diet and the health benefits against youth obesity and associated cardiovascular disease risk factors. It will contribute to valorize MD products, especially scarcely consumed food items in European Mediterranean developed countries (sour-dough bread, hummus and pomegranate), promoting their consumption in the overall population, especially in adolescents.



Coordinating country:

Spain



Participating countries:

Italy, Portugal, Israel & Jordan



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Coordinator:

EURECAT



Donor(s): Partnership for Research and Innovation in the Mediterranean Area – PRIMA



<https://med4youth.eu/>



@med4youth



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CAMELMILK



Boost the production, transformation and consumption of camel milk in the Mediterranean basin.

The aim of the CAMELMILK project is to strengthen the competitiveness, growth and interaction of the actors of the camel milk value-chain in the Mediterranean basin, including producers, processors, distributors and consumers. The purpose is to make local productions sustainable and self-sufficient by taking advantage of Mediterranean values, knowledge and heritage.



Coordinating country:
Spain



Participating countries:
Algeria, Germany, Croatia,
France, Italy, Morocco
& Turkey



Implementation period: 01/06/2019 -
31/05/2023



Coordinator:
Institute for Food and
Agricultural Research and
Technology - IRTA



Donor(s): Partnership for
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in the Mediterranean Area
– PRIMA



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<https://camel-milk.org/about-us/partners/>



Camel-Milk



@Camelmilkpro



@camelmilk.project



CamelMilk.Project



@CamelMilkInt



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MEDITOMATO



Bringing innovation and durability throughout the value chain of the Mediterranean tomato industry.

The main goal of MEDITOMATO is to demonstrate innovative technology solutions in three demo-sites based on PRIMA countries (Spain, Italy and Turkey) covering the whole tomato value chain (from agricultural production to fresh product, processing and distribution). It will optimize fertigation parameters to maximize yield while respecting food quality and safety criteria, reduce waste generation, water usage and energy consumption to a minimum, which increases sustainability and also reduce economic losses linked to quality controls.



Coordinating country:
Spain



Participating countries:
Germany, Greece, Italy,
Tunisia & Turkey.



Implementation period: 01/06/2019
- 31/05/2022



Coordinator:
Ingeniería y Control
Electrónico S.L. - INGCE



Donor(s): Partnership for
Research and Innovation
in the Mediterranean Area
– PRIMA



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www.meditomato.eu@ProjectSimptab



MEDITOMATO



@meditomato



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DEVELOPED STAGE PROGRAMS:2019

NEXUS (CROSS-SECTORAL GOVERNANCE OF INTERLINKED ELEMENTS)



Managing water, ecosystems and food across sectors and scales in the South Mediterranean.

The main objective of AWESOME (managing Water, Ecosystems and food across sectors and Scales in the south Mediterranean) is developing a decision-analytic platform based on a multi-level, integrated WEFE (Water Energy Food and Ecosystems) model to better understand multi-sectoral WEFE tradeoffs and to capitalize on potential synergies.



Coordinating country:
Italy



Participating countries:
Greece, Israel, Germany
& Egypt.



Implementation period:
01/05/2020 - 31/10/2023



Coordinator:
Politecnico di Milano
POLIMI



Donor(s): Partnership for
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in the Mediterranean Area
– PRIMA



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<https://awesome-prima.eu/>



[AWESOME_PRIMA](#)



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PHEMAC



Participatory hub for effective mapping, acceleration and capitalization and of EU-MPC NEXUS best practices.

PHEMAC aims to develop and disseminate an interactive platform to profile best practices of previous and ongoing projects and initiatives related to farming system, water and food in the Mediterranean region.



Coordinating country:
Spain



Participating countries:
France, Morocco, Italy,
Tunisia, Egypt Lebanon
& Jordan.



Coordinator:
Universitat Autònoma de
Barcelona - UAB



Donor(s): Partnership for
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in the Mediterranean Area
– PRIMA



<https://www.phemac.eu/>



@phemacproject



@PHEMAC2



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SIGMA-NEXUS

Sustainable innovation and governance in the Mediterranean area for the WEF Nexus.

SIGMA-Nexus will analyze the socio-economic and technical characteristics of several case study sites in Egypt and Greece to develop the WEF (Water-Ecosystems-Food) nexus for different hydrological, agricultural and environmental settings in the Mediterranean region. The project aims to accelerate knowledge diffusion and support decision-making that can minimize conflicts and maximize synergies of cross-institutional and sectoral management of water and land resources through participatory multi-stakeholder engagement activities.



Coordinating country:
Germany



Participating countries:
Egypt & Greece



Implementation period: 01/03/2020
- 29/02/2024



Coordinator:
Technical University of
Munich - TUM



Donor(s): Partnership for
Research and Innovation
in the Mediterranean Area
– PRIMA



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<http://www.sigma-nexus.eu/>



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