



The PRIMA programme is an Art. 185 initiative supported and funded under Horizon2020, the European Union's Framework Programme for Research and Innovation'



SECTION 2

Open and Competitive Calls for Proposals Organised by PRIMA-IS and Funded by the National Funding Bodies of Participant States

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Information Event
Sevilla 5/03/2018

FOCUS OF THIS PRESENTATION: Call Section 2
Multi-topic 2018
SPECIAL CONSIDERATIONS
(Transnational Call Funded by Participating States)

TYPE OF ACTIONS: Research and Innovation Action (RIA)

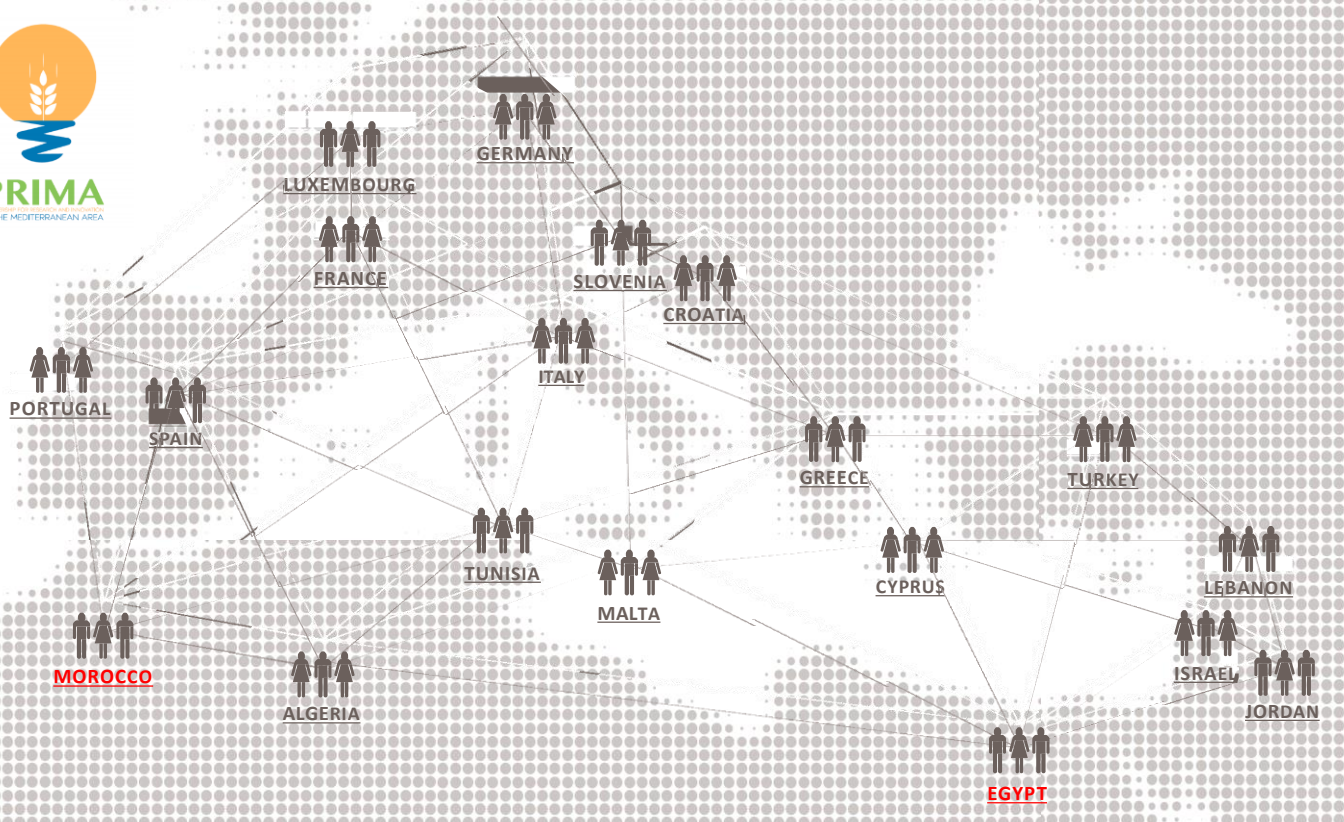
TOTAL INDICATIVE AMOUNT ALLOCATED TO THIS CALL: EUR 30 Million

OPENING DATE: 6 February 2018

STATUS: Open

DEADLINES: Stage 1 Preliminary proposals – 27th March, 2018 (17:00h CET)
Stage 2 Full proposals – 4th September, 2018 (17:00h CET)

PRIMA SET-UP: Participating States



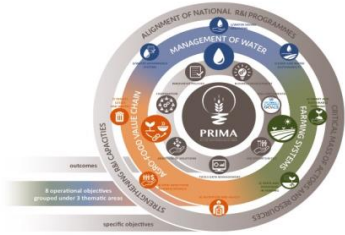
19 Euro-Mediterranean Countries

11 EU: Cyprus, Croatia, France, Germany, Greece, Italy, Luxembourg, Malta, Portugal, Slovenia, Spain

8 No EU: Algeria, Egypt*, Israel, Jordan, Lebanon, Morocco*, Tunisia, Turkey

* **Egypt and Morocco** are to become Participating States . Procedures for the conclusion of their international agreements with the EU are in progress

PRIMA PROGRAMME STRUCTURE



SECTION 1
Transnational calls for proposals



SECTION 2
Transnational calls for proposals



SECTION 3
PSIAs and activities supporting programme operations

Call publication

Proposal evaluation and selection

Projects funded by

Projects monitored by

Rules for participation

PRIMA-IS

PRIMA-IS

PRIMA-IS
EU

PRIMA-IS

HORIZON 2020
with derogations set by
Decision (EU) 2017/1324

PRIMA-IS

PRIMA-IS

PS

PRIMA-IS
PS

PS Rules

PS (Participating States)

PS

PS

PS
PRIMA-IS

PS Rules

SECTION 2: THREE THEMATIC AREAS



MANAGEMENT OF WATER

Integrated and sustainable management of water for arid and semi-arid Mediterranean areas



FARMING SYSTEMS

Sustainable farming systems under Mediterranean environmental constraints



AGRO-FOOD VALUE CHAIN

Sustainable Mediterranean agro-food value chain for regional and local development

SECTION 2: ONLY ONE CALL WITH 9 TOPICS ONE UNIQUE GUIDELINES FOR APPLICANTS

THEMATIC AREA	CALL TOPIC	ACTION
	<p>1.1 Water resources availability and quality within catchments and aquifers;</p> <p>1.2 Sustainable, integrated water management;</p> <p>1.3 Irrigation technologies and practice.</p>	RIA
	<p>2.1 Adaptation of agriculture to climate change;</p> <p>2.2 Preventing emergence of animal and plant pests and diseases;</p> <p>2.3 Developing Farming Systems Able to Generate Income, to Create Employment and to Contribute to a Balanced Territorial Development.</p>	RIA
	<p>3.1 Valorising food products from traditional Mediterranean diet;</p> <p>3.2 Food safety and quality in local food chains;</p> <p>3.3 Health effects of the dietary shifts and promotion of healthy and sustainable diets for the Med populations.</p>	RIA

Not supported by AEI-MINECO SPAIN

SECTION 2 TYPE OF GRANTS

RIA - Research & Innovation Action *

Funding available for collaborative research projects tackling clearly defined challenges which can lead to the development of **new knowledge** and/or to explore the feasibility of a **new or improved technology**, product, process, service or solution.

They may include basic and applied research, technology development and integration, testing and validation on a small-scale prototype in a laboratory or simulated environment.

Funding rate: 100%

** The acronym RIA is used both for Section 1 and Section 2. In Section 1 the rules applying to these actions are the standard H2020 rules for participation (RfP). While the rules used in Section 2 are to some extent analogous to the H2020 RfP. Specific rules concerning participation and funding rates might apply. This is because projects selected in Section 2 are funded directly by the national funding bodies and they will be subject to the respective national regulations.*

SECTION 2 TYPE OF PROJECTS EXPECTED

- Projects can be cross cutting between topics (a unique panel)*
- Budget according to the countries / funding bodies involved in the Project (national regulations)

Projects are :

- Expected to propose solutions to existing problems
- Encouraged to involve as much as possible a diversity of actors (SMEs, NGOs, Farmers, extension services....)
- Encourage to promote mobility and training
- Encourage to integrate new technologies (e.g. Smart Digital Technology, Space Data)

** Please note that a cross cutting proposal between 2 topics needs to be declared in the submission website by ticking the 2 relevant topics. To be eligible, the 2 topics selected must be funded by all the funding bodies involved.*

SECTION 2-Thematic Area 1: Sustainable Water Management for Arid and Semi-arid Mediterranean Area



THEMATIC AREA CALL TOPIC



- 1.1 Water resources availability and quality within catchments and aquifers;
- 1.2 Sustainable, integrated water management;
- 1.3 Irrigation technologies and practice.

TOPIC 1.1 WATER RESOURCES AVAILABILITY AND QUALITY WITHIN CATCHMENTS AND AQUIFERS

Challenge:

Water management models that addresses the broad impacts of global changes on hydrological and hydraulic balance at catchment and aquifer level.

Scope:

...Quantitative analyses on ecosystem services require an in-depth understanding of their underlying processes.
There is a need to understand the hydrological processes for the assessment, management and use of floodwaters

Expected impact

- Development of new modelling routines for determining the basic components of the water cycle, including economic, social and technical and for forecasting droughts
- Improvement of knowledge about pollution sources and processes naturally attenuating in order to better assess water management policies and the impact of anthropogenic activities.
- New techniques and governance models for artificial recharge of aquifers Ground-water surface-water monitoring and modelling
- A reduction in the risk of saline intrusion and improved management of salt accumulation in underground water bodies

Type of action: RIA

TRL: 2 to 5

TOPIC 1.2 SUSTAINABLE, INTEGRATED WATER MANAGEMENT

Challenge:

Recognizing the water-energy-food synergies and balancing the potential trade-offs between water and energy use efficiency is required

Scope:

...Improve water governance taking into consideration both the socio-economic context and the meteo-climatic trends of the Mediterranean basin,

Expected impact

- Improving evapotranspiration determinations by surface energy balance, in order to better assess the water and energy budgets, particularly in dry water basins.
- Implementation of monitoring and forecasting systems to support the water management under scarce conditions, taking into account any anthropogenic effect on the integrated water cycle;
- Development of innovative approaches for the proper management of water infrastructures, including small and multi-purpose reservoirs and water harvesting systems

Type of action: RIA

TRL: 3 to 6

TOPIC 1.3 IRRIGATION TECHNOLOGIES AND PRACTICES

Challenge:

improve irrigation water productivity while minimizing the potential environmental risks associated with irrigation.

Scope:

...More research and technology transfer is needed to improve water use efficiency at the farm and irrigation district level.

Expected impact

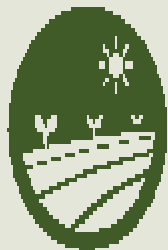
Improving on-farm water use efficiency while maintaining crop productivity, quality and safety, and soil fertility

- Upscaling the on-farm water use efficiency gain to the irrigation district level
- To demonstrate irrigation scheduling models and tools to be developed in collaboration with private companies, mainly SMEs.
- To determine irrigation protocols tailored to low-quality water availability and, particularly, high salinity water, and to new climate-proof crops with reduced water requirements
- To reduce contamination of aquifers, mainly by nitrates, thanks to the improved fertigation scheduling protocols

Type of action: RIA

TRL: 4 to 8

SECTION 2-Thematic Area 2: Sustainable Farming Systems under Mediterranean Environmental Constraints



- 2.1 Adaptation of agriculture to climate change;
- 2.2 Preventing emergence of animal and plant pests and diseases;
- ~~2.3 Farming Systems able to create employment and territorial development.~~

TOPIC 2.1 ADAPTATION OF AGRICULTURE TO CLIMATE CHANGE

Challenge

.....Adapting to climate change is therefore a common necessity for Mediterranean agriculture.

Scope:

.. Focus should be on biological adaptation mechanisms and genotype-environment-management interactions, as well as on valorising local genotypes taking advantage of spontaneous and domesticated biodiversity in the Mediterranean agricultural and animal husbandry systems

Expected impacts:

- Development and profiling of new varieties / hybrids /breeds that are tolerant/resistant/resilient to biotic and abiotic stresses, productive in Mediterranean climate conditions (aridity, drought, warm winters, uneven rainfalls and salinity) and efficient in the use of limiting resources (water/soil fertility) taking into account the needs of the users and the legislative constrains.
- Valorisation of the local biodiversity that has naturally adapted and show resilience to environmental constraints in the Mediterranean conditions and that may sustain agriculture in stressful environments exacerbated by climate warming. In particular exploitation of neglected spontaneous and domesticated biodiversity in Mediterranean agricultural and animal husbandry systems, and aquaculture.

Type of action: RIA

TRL: 2 to 5

TOPIC 2.2 PREVENTING AND CONTROLLING EMERGENCE OF ANIMAL AND PLANT DISEASES

Challenge

.....Plant and animal diseases and pests cause significant decreases in yield, quality and safety of Mediterranean crops, in particular fruit, cereal and vegetables and of animal productions, with strong economic and social consequences.

Scope:

.. Need for a better understanding of the ecology and physiology of pests and pathogens, and the interactions between hosts, pests and pathogens, and other organisms at multiple trophic levels.

*Social sciences, stakeholders of the human and animal health sectors, Euro-Mediterranean network for animal health (REMESA)

Expected impacts:

- Control of the effects of climate change and the associated risks for plant and animal health (including existing and emerging diseases, and adaptation of livestock systems);
- Provision of integrated pest and diseases control/management solutions, for plants and animal systems;
- Implementation of novel tools including the development of biocontrol agents, exploitation of natural defences, secondary metabolites and trophic interactions, development of vaccines, ...
- Research and disease surveillance networks in tight link with existing official networks such as the Euro-Mediterranean network for animal health (REMESA)

Type of action: RIA

TRL: 2 to 6

SECTION 2-Thematic Area 3: Mediterranean Food Value Chain for Regional and Local Development



- 3.1** Valorising food products from traditional Mediterranean diet;
- 3.2** Food safety and quality in local food chains;
- 3.3** Health effects of the dietary shifts and promotion of healthy and sustainable diets for the Med populations.

TOPIC 3.1 VALORISING FOOD PRODUCTS FROM TRADITIONAL MEDITERRANEAN DIET

Challenge

Better nutritional quality of food products, stable nutrient-dense ingredients, and new products

Scope:

Research actions should encompass the implementation of databases, covering different Mediterranean areas, focused on the content of health-promoting bioactive compounds in fresh and traditional food products, also in relation with the culinary traditions.

Expected impact:

- The development of new products, bioactive extracts and molecules, and functional food, nutrients and bioactive compounds linked to local traditional protocols and recipes and according to seasonal and sustainable production schemes
- The proposition of local processing solutions, better addressing the quality management, deriving from sustainable traditional recipes while preserving the nutritional value of food
- The development of new tools to demonstrate quality and authenticity of raw materials and products;

Type of action: RIA

TRL: 2 to 7

TOPIC 3.2 FOOD SAFETY IN LOCAL FOOD CHAINS

Challenge

Food safety is today closely linked to innovation and sustainability in production systems, and investing in safety means reducing the risks of a sudden loss of trust for accidental events.

Scope:

guarantee food safety in the Mediterranean environment while preserving the cultural heritage, along the entire food chain.
hazards prediction and risk assessment related to new technologies, chemical and microbial food contamination

Expected impact:

- Facilitate the development of new norms and standard for hazards prediction and risk assessment,
- Suitable procedures for qualifying and classifying production sites and zoning
- New systems and devices for food-safety monitoring along the entire food chain and best practices for all the food value chain phases, including post-sales;
- Develop and validate bio-based protection practices, to select and characterise the natural extracts and species with protective characteristics for food production, quality and storage;
- Develop innovative packaging for better controlling product deterioration, reducing the use of preservatives, the microbiological risk and/or extending the shelf-life, and reducing food waste and losses;
- Increase the awareness of the consumers

Type of action: RIA

TRL: 2 to 6

TOPIC 3.3 : IMPLICATIONS OF DIETARY SHIFTS & SUSTAINABLE DIETS FOR THE MED POPULATIONS & FOOD INDUSTRY

Challenge

The emergence of diet- and lifestyle-related chronic diseases is massive in the Southern and Eastern Mediterranean

Scope:

Strengthening of the link between the Mediterranean diet and health benefits through the identification of evident positive effects exerted by different active substances contained in local products

Expected impact:

- Provision of affordable and adequate dietary patterns for Mediterranean population groups with specific nutritional requirements;
- Translation of knowledge advancements on the Mediterranean diet into public food and health policies, strategies and guidelines for consumers, industry and for policy makers;
- Characterize the economic, social, and health impacts of nutritional transitions, determinants of consumers' behaviours, physical activity, diets of populations and households.

Type of action: RIA

TRL: 2 to 6

RULES OF PARTICIPATION (Both Section 1 and 2)

Eligible consortium: Minimum 3 independent legal entities established in three different countries considered PRIMA Participating States (PS).

- At least one established in a Member State:
Croatia, Cyprus, France, Italy, Germany, Greece, Luxembourg, Malta, Portugal, Slovenia, Spain
and
- At least one established in a Third Country bordering the Mediterrean sea :
Algeria, Israel, Jordan, Tunisia, Turkey, Lebanon, Egypt*, Morocco*.

** Important: The international agreement between the countries and the EC has to be signed before the signature of the GA between PRIMA and the beneficiaries to allow the eligibility of the teams from the concerned countries*

SUBMISSION INFORMATION - I

**Stage 1 Pre-proposals:
Deadline Submission 27th March, 2018**

Documents for Stage 1

- ✓ Administrative data directly on the ESS
- ✓ Brief scientific document uploaded as PDF on the ESS
- ✓ Global budget (total cost and required amount to PRIMA for each partner to fill in directly on the ESS)

SUBMISSION INFORMATION - II

Stage 2 Full Proposals: Deadline Submission 4th September, 2018

Documents for Stage 2

- ✓ Administrative data directly on the ESS
- ✓ Detailed scientific document uploaded as PDF on the ESS
- ✓ Detailed budget uploaded as Excel on the ESS
- ✓ CVs uploaded as PDF on the ESS

*Grant Agreement: Each National Funding Body will fund beneficiaries established in its own country .
Consortium Agreement: Some National Funding Bodies may require this document before signing the GA.*

SECTION 2: CALL CALENDAR 2018

january



15/01

Preannouncement

february



08/02 - 1° Stage
Announcement

march



27/03 - 1° Stage
Deadline for applications

april

Submission on-line:
www.prima-med.org

may

june



06/06 - 1° Stage
Evaluation results

july

august

04/08 - 2° Stage
Opening of the
submission
website

september



04/09 - 2° Stage
Deadline
for applications

october

november

december



05/12 - 2° Stage
Evaluation results

SECTION 2: EVALUATION CRITERIA

General Criteria H2020:

- EXCELLENCE / 5 points
- IMPACT / 5 points
- QUALITY AND EFFICIENCY OF THE IMPLEMENTATION (Only for step 2) / 5 points

Thresholds:

- Stage 1: 3.5 points for each criteria
- Stage 2: 3 points for each criteria and at least 10/15 in total

SECTION 2 FUNDING: 2018 CALLS

Total Budget: 30M€



Every PS Supports his own Groups
Spain:

AEI-MINECO

GRANT

(Public / Non-profit Organisations)

Budget: 2M€

CDTI

BONDED LOAN

(Private / Profit-making Organisations)

Budget: 1M€

SPANISH PUBLIC FUNDING: 2018 CALLS

(AEI-MINECO)

- Direct costs:
 - Staff costs for temporary contracts (scholarships are not eligible).
 - Running costs, purchase of small scientific equipment, consumables, travel expenses and other expenses necessary to carry out the proposed activities.
- Máx. per proposal and entity 200.000€ (+50.000€ as coordination bonus)
If 2 Spanish in same proposal máx. 250.000€ (+50.000€ as coordination bonus).
- Project duration: 36-48 months.
- Funding through the International Joint Programming Call.

<http://www.idi.mineco.gob.es/stfls/MICINN/Internacional/FICHEROS/Instrumentos ERA/Normas Nacionales PRIMA Seccion2 2018.pdf>

SPANISH PUBLIC FUNDING: 2018 CALLS

(CDTI)

- Funding for companies.
(universities and public organisations as subcontracted).
- Technological R&D&I activities.
- Minimal budget €175,000 per entity.
- Loan up to 75% and Euribor interest.
- Non-Refundable amount up to 33% of the granted loan.
- Return period 10 years (2-3 years lack).

<https://www.cdti.es/>

PROCESS OVERVIEW

	Section 1	Section 2
Call evaluation	2 steps: Pre-proposal & Full proposal	
Consortium eligibility and admissibility	According to the guidelines for applicants H2020 rules	According to the National Regulations (double eligibility check PRIMA and Funding Bodies)
Template to be used (different for stage 1 and stage 2)	http://prima-med.org/calls-for-proposals/reference-documents/	
Documents required	Administrative data / global budget per partner for step 1 and full detailed budget for step 2 / Scientific part of the project (10 pages step 1; 70 pages step 2) / CV of the PI and operational capacity	
Evaluation panel	1 per call. 1 ranking list per call (3 ranking lists in total)	1 unique panel. 1 unique ranking list
Project Budget	Around 2 M€ / project	According to National Regulations
Grant Agreement	Between PRIMA and the consortium	Each partner sign a contract with its National Funding Body
Consortium Agreement	Mandatory before signing the GA	Mandatory
Project monitoring	By PRIMA: Mid term (M18) and final report (M36)	<ul style="list-style-type: none"> • By the Funding bodies: According to their national criteria • By PRIMA: Mid term (M18) and final report (M36)

FIND PARTNERS

<http://prima-med.org/find-partners/>

Search partnership requests

FILTER

Country:

Organisation type:

Name of organisation:

Search by keyword:

Find partners for your project ideas among the organisations registered in this portal. You can either post a partnership request or use the search engine to view requests posted by others

OTHER TOOLS: H-2020, EEN, European Technology Platforms (ETP), CDTI

NATIONAL CONTACT POINTS (NCPS)

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THANK YOU FOR YOUR ATTENTION



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Agriculture revolution first began at the Fertile Crescent, near the Mediterranean sea, some 10.000 years ago. Let's take PRIMA as a good opportunity to improve this ancient revolution!