



PRIMA

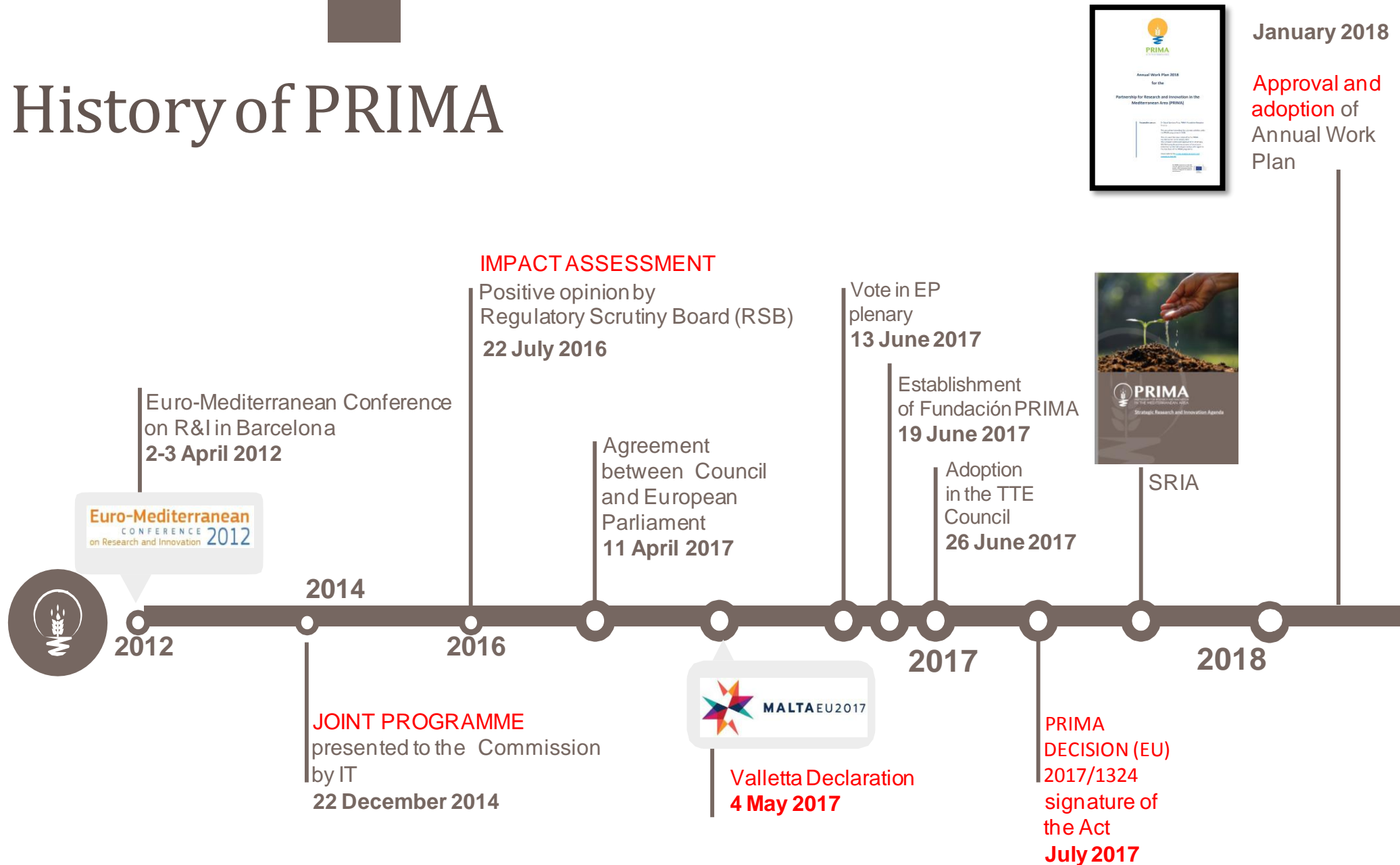
PARTNERSHIP FOR RESEARCH AND INNOVATION
IN THE MEDITERRANEAN AREA

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



Octavi Quintana Trias
PRIMA Foundation Director

History of PRIMA





Mission

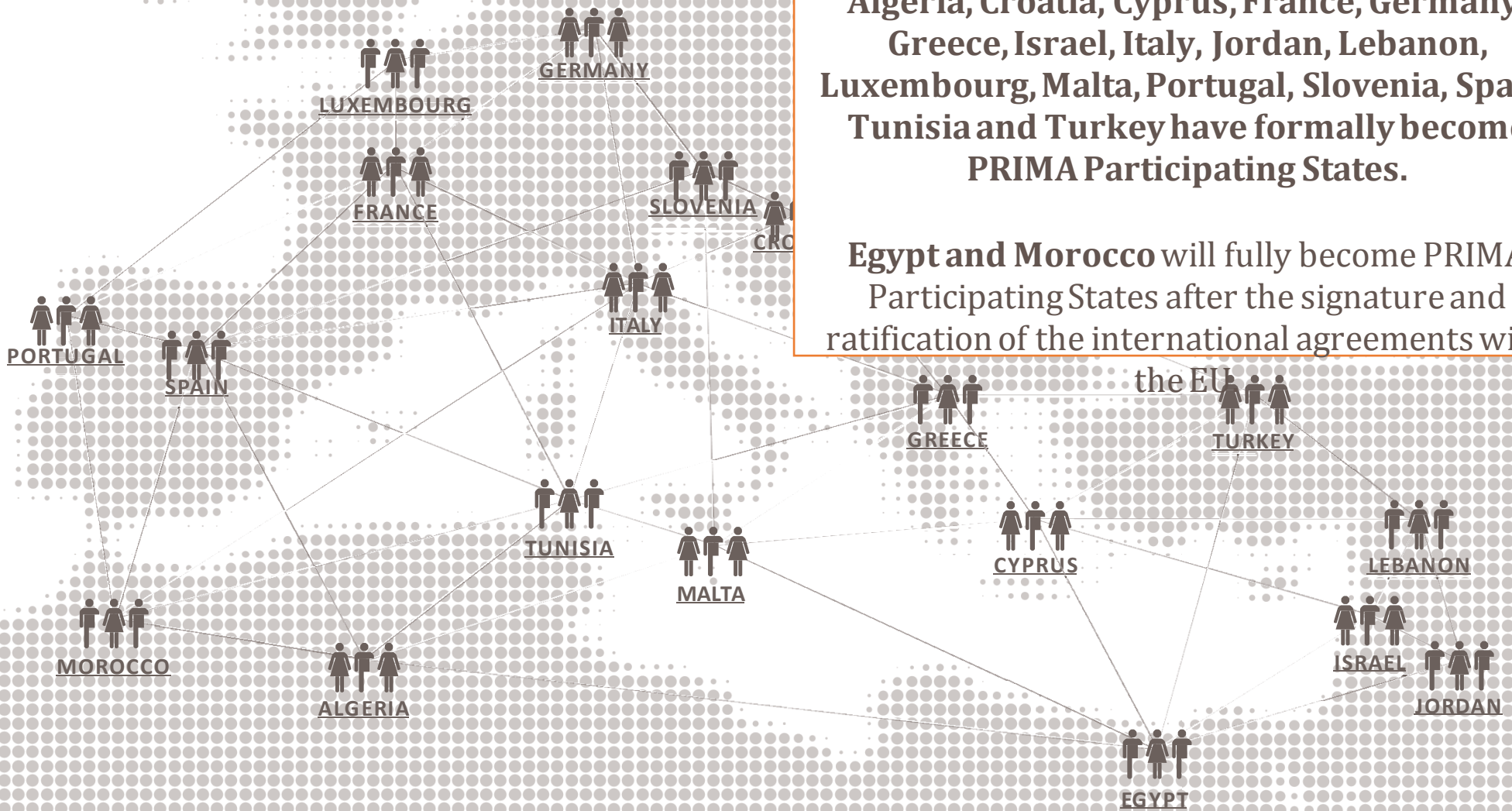
“ To achieve, support and promote integration, alignment and joint implementation of **R&I initiatives** under a **common** research and innovation **strategy to address the diverse challenges** in **water scarcity, agriculture, food security.** ”

TO DATE, 19 COUNTRIES COMMITTED TO THE INITIATIVE:

Algeria, Croatia, Cyprus, France, Germany, Greece, Israel, Italy, Jordan, Lebanon, Luxembourg, Malta, Portugal, Slovenia, Spain, Tunisia and Turkey have formally become PRIMA Participating States.

Egypt and Morocco will fully become PRIMA Participating States after the signature and ratification of the international agreements with

the EU



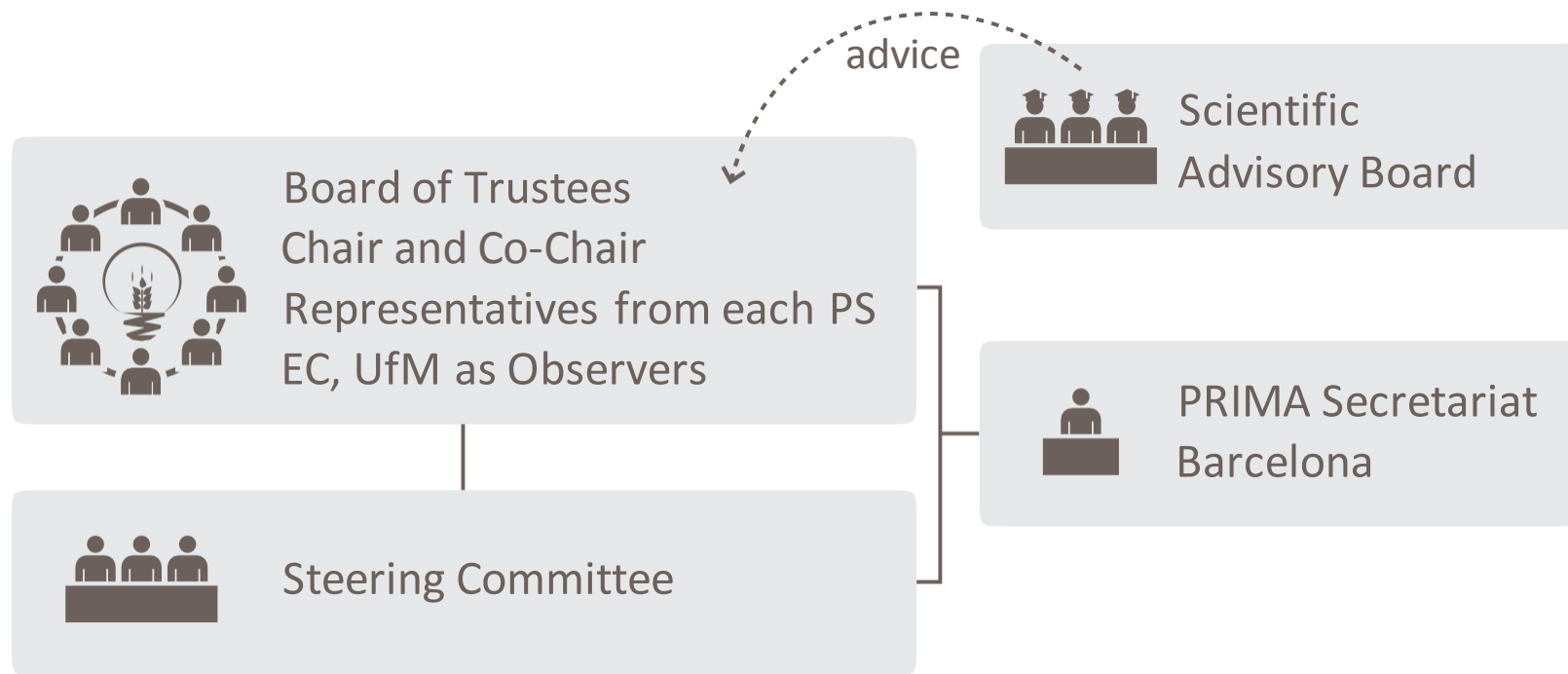
PRIMA Main Features

- ✓ Equal footing;
- ✓ Long-term commitment and orientation;
- ✓ Avoiding fragmentation and duplications in R&I;
- ✓ Focused on Research, Innovation and Adoption of solutions;
- ✓ Definition of a common and MED-wide Strategic Research and Innovation Agenda;
- ✓ Institutional relationships with MED stakeholders (end users, communities, enterprises, governments)

An article 185 initiative as the most suitable instrument to tackle global challenges of the Med region in an integrated



PRIMA Foundation Governance



PRIMA operates as an independent legal private entity



since 19 June 2017
Foundation under Spanish
law



19 PSs members
of Foundation



Financial contribution
€ 274,000 PSs
€ 220.000 EU

What we do

The PRIMA programme is implemented by the PRIMA Foundation on the basis of annual work plans.

PRIMA programmes supports **research and innovation** through:

- ✓ **Research & Innovation Actions RIA/IAs;**
- ✓ **Capacity building** in Euro-Mediterranean countries as a key transversal component of project proposals, enhancing research and innovation capacities in the field of water management and agro-food systems;
- ✓ **Networking, coordination**, collaboration and integration of national research programmes and activities among the PSs with specific activities managed directly by participating states;
- ✓ **National programmes alignment**, it will be ensured through PS contribution with PSIAS;
- ✓ **Involvement of critical mass of Stakeholders** (Scientific community, Civil Society, Businesses).

Towards Innovation uptaken in the Mediterranean



Enhancing innovation potential in the Mediterranean to find concrete sustainable solutions to problems and opening new markets:

- ✓ with concrete activities to remove the barriers to innovation;
- ✓ unleashing the creative potential of innovators;
- ✓ reinforce innovation and fostering value creation;
- ✓ push forward concrete solutions from start-ups creating new businesses;
- ✓ open new markets;
- ✓ open to the world: adopt innovation opening new markets also beyond Mediterranean borders.



Type of Grants

| RIA Research and Innovation Action | IA Innovation Action |
|---|---|
| Funding available for collaborative research projects tackling clearly defined challenges which can lead to the development of new knowledge or new technology. | Funding available for closer-to-the-market activities including prototyping, testing, demonstrating, piloting, scaling-up etc. for new or improved products, processes or services. |



Derogation from H2020 Rules of Participation:

At least three legal entities. Each of the three must be established in a different EU Member State or Horizon 2020 associated country, out of which:

- at least one must be established in a Member State participating to PRIMA or sea Cyprus, Croatia, France, Germany, Greece, Italy, Luxembourg, Malta, Portugal, Slovenia, Spain;
- at least one must be established in a third country bordering the Mediterranean Sea (MPC) considered as a Participating State: Algeria, Egypt, Jordan, Lebanon, Morocco, Tunisia, Turkey.

Parte A

Strategic Research and Innovation Agenda SRIA



3 Main 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

8 Operational Objectives



8 OPERATIONAL OBJECTIVES

| | | |
|--|--|--|
|  <p>1/ WATER-SAVING SOLUTIONS To test and stimulate adoption of context-tailored water-saving solutions, in particular in agriculture</p> |  <p>4/ SMART AND SUSTAINABLE FARMING To develop smart and environmentally sustainable farming systems to maintain natural resources and to increase production efficiency</p> |  <p>6/ NUTRITION AND HEALTH To innovate in the Mediterranean food products based on Mediterranean diet heritage and to enhance the links between nutrition, physical activity and health</p> |
|  <p>2/ LAND AND WATER SUSTAINABILITY To improve land and water sustainability in arid and semi-arid watersheds</p> |  <p>5/ PESTS AND PATHOGENS IN FARMING To design and promote the adoption of novel approaches to reduce the impact of pests and pathogens in farming, including their consequences on human health</p> |  <p>7/ REDUCE LOSSES AND WASTES To find context-adapted solutions to increase food and water chain efficiency and reduce losses and wastes</p> |
|  <p>3/ WATER GOVERNANCE SYSTEM To elaborate and stimulate adoption of new policies and protocols for the governance of water management system</p> | |  <p>8/ NEW AGRO-FOOD BUSINESS MODELS To conceive and implement innovative, quality oriented models in agro-businesses as potential sources of new jobs and economic growth</p> |

R&I priorities, operational objectives, main actions and Technology Readiness Levels for Thematic Area 1



MANAGEMENT OF WATER

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

Actions
RIA/ Research and Innovation
IA/ Innovation
CSA/ Coordination and Support

| RESEARCH AND INNOVATION PRIORITY | LINK TO OPERATIONAL OBJECTIVE | MAIN ACTIONS | TRL |
|---|---|--------------|--------|
| 1 Water resources availability and quality within catchments and aquifers | 2/LAND AND WATER SUSTAINABILITY | RIA | 2 to 5 |
| 2 Sustainable, integrated water management | 2/LAND AND WATER SUSTAINABILITY 3/WATER GOVERNANCE SYSTEMS | RIA and CSA | 3 to 6 |
| 3 Irrigation technologies and practices | 1/WATER SAVING SOLUTIONS | RIA and IA | 4 to 8 |
| 4 Use of alternative water resources, technologies and governance models | 1/WATER SAVING SOLUTIONS 3/WATER GOVERNANCE SYSTEMS | RIA and IA | 5 to 8 |

R&I priorities, operational objectives, main actions and Technology Readiness Levels for Thematic Area 2



FARMING SYSTEMS

Sustainable farming systems under Mediterranean environmental constraints

Actions

RIA/ Research and Innovation

IA/ Innovation

CSA/ Coordination and Support

| RESEARCH AND INNOVATION PRIORITY | LINK TO OPERATIONAL OBJECTIVE | MAIN ACTIONS | TRL |
|--|---|--------------|--------|
| 1 Adaptation of agriculture to climate change |  4/ SMART AND SUSTAINABLE FARMING | RIA | 2 to 5 |
| 2 Developing sustainable and productive agro-ecosystems |  4/ SMART AND SUSTAINABLE FARMING | RIA and IA | 2 to 7 |
| 3 Preventing the emergence of animal and plant diseases |  5/ PESTS AND PATHOGENS IN FARMING | RIA | 2 to 6 |
| 4 Developing farming systems able to generate income, to create employment and to contribute to a balanced territorial development |  4/ SMART AND SUSTAINABLE FARMING | RIA and CSA | 2 to 5 |

R&I priorities, operational objectives, main actions and Technology Readiness Levels for Thematic Area 3



AGRO-FOOD VALUE CHAIN

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

Actions

RIA/ Research and Innovation

IA/ Innovation

CSA/ Coordination and Support

| RESEARCH AND INNOVATION PRIORITY | LINK TO OPERATIONAL OBJECTIVE | MAIN ACTIONS | TRL |
|--|---|--------------|--------|
| 1 Valorising food products from traditional Mediterranean diet | 6/ NUTRITION AND HEALTH | RIA and CSA | 2 to 7 |
| 2 Food Safety in local food chains | 7/ REDUCE LOSSES AND WASTES | RIA | 2 to 6 |
| 3 Implementation of innovation in the Agro-food chain, promoting higher quality, sustainability and competitiveness, with particular reference to smallholders | 7/ REDUCE LOSSES AND WASTES 8/ NEW AGRO-FOOD BUSINESS MODELS | RIA and IA | 4 to 8 |
| 4 Implications of dietary shifts and sustainable diets for the Med populations and food industry | 6/ NUTRITION AND HEALTH | RIA and CSA | 2 to 6 |

Cross-cutting themes and activities

Cross-cutting themes



**SOIL
SUSTAINABILITY**



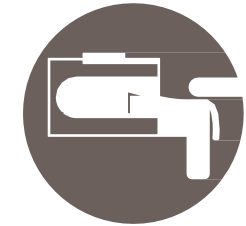
FOOD SECURITY



**DIGITAL
REVOLUTION**



**SOCIO-ECONOMIC
RESEARCH
AND STAKEHOLDERS
INVOLVEMENT**



CAPACITY BUILDING

Cross-cutting technologies and approaches

Parte B

Annual Work Plan 2018

AWP

PRIMA AWP 2018



PRIMA will be based on the priorities described in the **PRIMA Strategic Research and Innovation Agenda (SRIA)** following also comprehensive consultation process, involving multiple stakeholders;



AWP 2018 takes into account past and ongoing research and innovation experiences and best practices in the Mediterranean area achieved in **relevant EU projects** such as ERANETMED and ARIMNET;



Creation of a strong network of stakeholders from both shores of the Mediterranean with diverse background and mutual trust.

AWP programme



SECTION 1

Actions and activities organised, managed and funded by PRIMA-IS.



SECTION 2

Actions selected following transnational open and competitive calls for proposals organised by PRIMA-IS and funded by the national funding bodies of PS (providing financial support mainly in the form of grants).

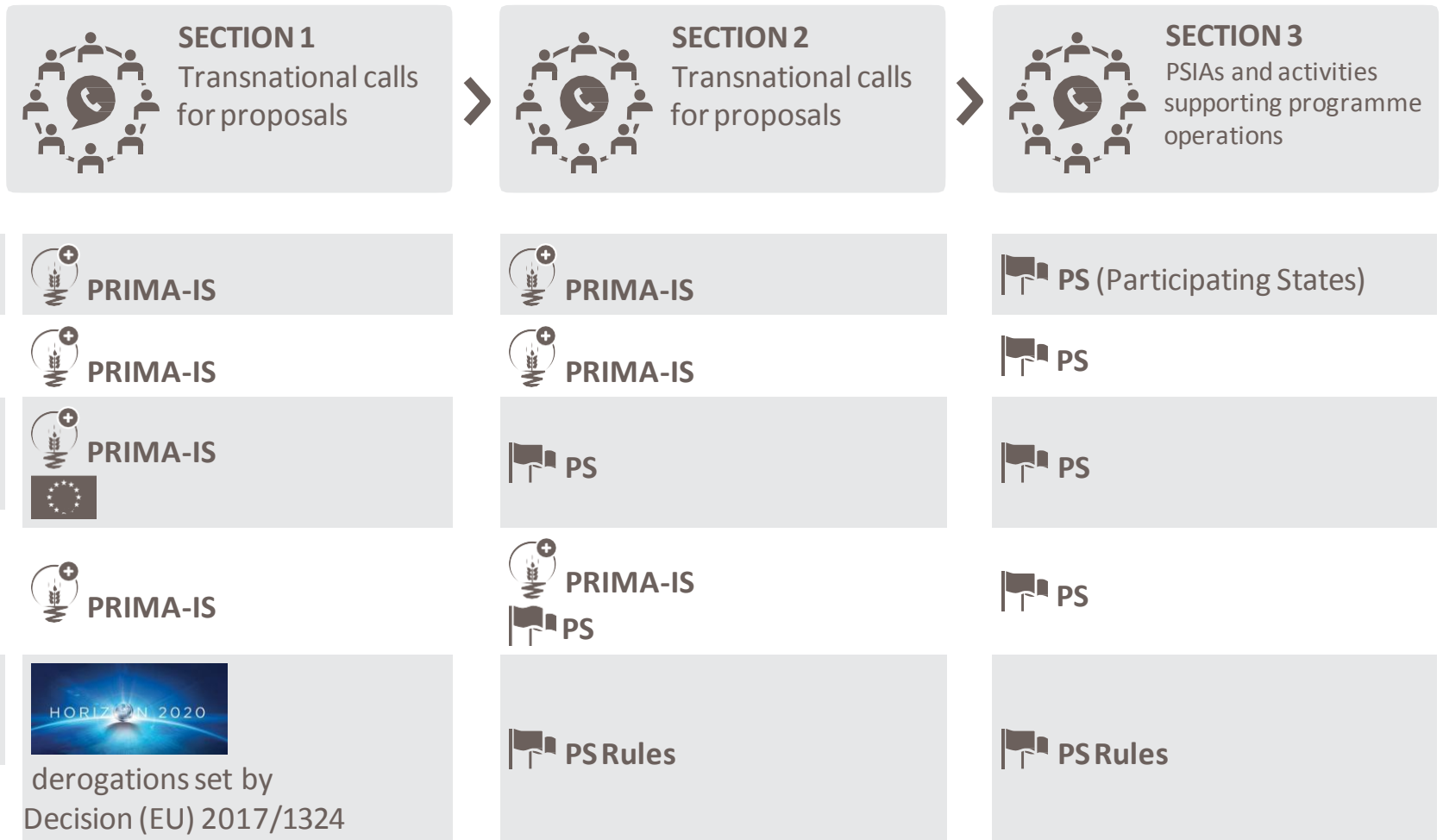


SECTION 3

Activities organised, managed and funded by the PS.

- ✓ Activities under the national programmes of the Participating States including transnational projects referred to as “Participating States’ Initiated Activities” (PSIAs);
- ✓ Activities organised and funded by PS supporting PRIMA programme implementation.

PRIMA programme structure



Rules of participation

The minimum number of participants is **three**. In particular, consortia must be composed by at least three independent legal entities established in three different countries considered to be Participating States by the submission deadline under the relevant call for proposals, of which:

- ✓ At least **one is established in a Member State**
- At least **one is established in Algeria, Egypt, Jordan, Lebanon and Morocco** or in a third country bordering the
- ✓ Mediterranean Sea : Israel , Tunisia, Turkey









Topics del Work Plan

SECTION 1

RIA and IA calls

For the AWP 2018 one topic from each thematic area from the PRIMA SRIA have been selected by the PS (after Stakeholder forum and web-based public consultation over PRIMASRIA).

Each topic will be addressed in a specific call:

| THEMATIC AREA | CALL TOPIC | ACTION |
|---|--|------------|
|  |  Topic 1 Water reuse and water desalination for agricultural and food production | RIA |
|  |  Topic 2 Improving the sustainability of Mediterranean agro-ecosystems | RIA |
|  |  Topic 3 Implementing innovation in Mediterranean Agri-food chains by smallholders and SMEs | IA |



SECTION 1

Topic 1

Water reuse and water desalination for agricultural and food production

| TYPE OF ACTION | RESEARCH & INNOVATION ACTION (RIA) |
|-------------------------------------|--|
| Total amount allocated to this Call | EUR 6 million |
| Funding level | According to horizon 2020 rules Funding rate: 100% |
| Technology Readiness Levels (TRL) | 3 to 5 |
| Expected number of grants | up to 3 (projects up to 2M€ each) |
| Submission and evaluation procedure | Two-stage application procedure. For the first stage, a short proposal (10 pages) must be submitted by the first deadline. Successful applicants in the first stage will be invited to submit a full proposal (70 pages) for the second stage. An indicative timeline for the submission and evaluation of applications can be found in table 5. |
| Evaluation rules | The award criteria, scoring, thresholds and weightings for RIAs |
| Grant agreement | General PRIMA grant agreement (multi-beneficiary) |
| Consortium agreement | Participants in projects resulting from this Call for Proposals will be required to conclude a consortium agreement prior to the conclusion of the PRIMA grant agreement. |





SECTION 1

Topic 2

Improving the sustainability of Mediterranean agro-ecosystems

| TYPE OF ACTION | RESEARCH & INNOVATION ACTION (RIA) |
|-------------------------------------|---|
| Total amount allocated to this Call | EUR 6 million |
| Funding level | According to horizon 2020 rules Funding rate: 100% |
| Technology Readiness Levels (TRL) | 3 to 5 |
| Expected number of grants | Up to 3 (projects up to 2M€ each) |
| Submission and evaluation procedure | Two-stage application procedure. For the first stage, a short proposal (10 pages) must be submitted by the first deadline. Successful applicants in the first stage will be invited to submit a full proposal (70 pages) for the second stage. An indicative timeline for the submission and evaluation of applications can be found in table 5 |
| Evaluation rules | The award criteria, scoring, thresholds and weightings for RIAs |
| Grant agreement | General PRIMA grant agreement (multi-beneficiary) |
| Consortium agreement | Participants in projects resulting from this Call for Proposals will be required to conclude a consortium agreement prior to the conclusion of the PRIMA grant agreement |





SECTION 1

Topic 3

Implementing innovation in Mediterranean Agri-food chains by smallholders and SMEs.

| TYPE OF ACTION | INNOVATION ACTION (IA) |
|-------------------------------------|---|
| Total amount allocated to this Call | EUR 6 million |
| Funding level | According to horizon 2020 rules Funding rate: 70% |
| Technology Readiness Levels (TRL) | 5 to 8 |
| Expected number of grants | Up to 3 (projects up to 2M€ each) |
| Submission and evaluation procedure | Two-stage application procedure. For the first stage, a short proposal (10 pages) must be submitted by the first deadline. Successful applicants in the first stage will be invited to submit a full proposal (70 pages) for the second stage. An indicative timeline for the submission and evaluation of applications can be found in table 5 |
| Evaluation rules | The award criteria, scoring, thresholds and weightings for H2020 |
| Grant agreement | General PRIMA grant agreement (multi-beneficiary) |
| Consortium agreement | Participants in projects resulting from this Call for Proposals will be required to conclude a consortium agreement prior to the conclusion of the PRIMA grant agreement |



Section 1: RIA and IA calls

- Section 1 Topics



1.1.1. RIA Call – Topic 1: Water reuse and water desalination for agricultural and food production.

The scope of the call is to provide end-users with new more economically feasible water treatment technologies (such as seawater desalinization) taking into account the main environmental, socio-economic and legal and/or institutional constraints regulating the adoption of these technologies.



1.1.2 RIA Call – Topic 2: Improving the sustainability of Mediterranean agro-ecosystems

The scope of the call is to develop Mediterranean innovative cropping and livestock systems including inland aquaculture, able to cope with limited resources and environmental constraints while enhancing food production stability over time and ensuring a production of high quality agricultural outputs that will allow increase in farmers' income and preserve agro-ecosystems integrity and services.



1.1.3 IA Call – Topic 3: Implementing innovation in Mediterranean Agro-food chains by smallholders and SMEs.

The scope of the call is to foster adoption of technological and organizational innovations by smallholders and SME able to meet the needs of the food market, food security needs, taking advantage of the opportunities given by Mediterranean values, heritage and biodiversity. This is key to address Horizontal and vertical fragmentation of the Mediterranean value chains and the lack of integration among the main food system actors.



SECTION 1

Call calendar 2018

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

january



Preannouncement
15/01/2018

february



Opening of the
submission website
1° Stage
08/02/2018

march

april



Indicative deadline
for applications -
1° Stage
17/04/2018



Evaluation results
are planned to be
available on or
before these dates
1° Stage
15/06/2018



Opening of the
submission website
2° Stage
15/08/2018

july



Indicative deadline
for applications -
2° Stage
15/09/2018

august

september

october

november

december



Evaluation results
are planned to be
available on or
before these dates
2° Stage
05/12/2018



SECTION 2

Research Projects

| THEMATIC AREA | CALL TOPIC |
|---|---|
|  | <ul style="list-style-type: none">1.1 Water resources availability and quality within catchments and aquifers;1.2 Sustainable, integrated water management;1.3 Irrigation technologies and practice. |
|  | <ul style="list-style-type: none">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. |
|  | <ul style="list-style-type: none">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. |



SECTION 2

for all 9 topics

| TYPE OF ACTION | RESEARCH & INNOVATION ACTION (RIA) |
|-------------------------------------|--|
| Total amount allocated to this Call | EUR 30 million |
| Funding level | depending on National Regulations |
| Expected number of grants | 20 to 30 |
| Submission and evaluation procedure | Two-stage application procedure. For the first stage, a pre-proposal (10 pages) must be submitted by the first deadline. Successful applicants in the first stage will be invited to submit a full proposal (maximum 70 pages) for the second stage. An indicative timeline for the submission and evaluation of applications can be found in table 6 of the AWP 2018. |
| Evaluation rules | The scoring, thresholds and weightings for research projects. |
| Grant agreement | <p>Each national funding body will fund the beneficiaries established in its own country, thus, the national funding rules apply.</p> <p>Each national funding body will sign a grant agreement (or any official documents acting as contract) with their national beneficiaries taking part in the selected project (section 5.11). The coordinator of the project has to decide with his/her partners of a common starting date of the project and send this information to all the funding bodies involved in funding this project in order to ensure that the national contracts are synchronized in time to cover all the period of the project</p> |



Section 2: RIA calls

Only one call with 9 topics

One unique guidelines for applicants



Topic 1.1: Water resources availability and quality within catchments and aquifers

The scope of the call is to develop more efficient water management, linked to studies devoted to understand the hydrological processes mediating ephemeral river flows, flooding events and aquifer recharge and salinization. This should have direct impacts on surface water bodies systems by increasing water flows and improve the water quality and reduce the underground water salinity levels.

Topic 1.2: Sustainable, integrated water management

This call intends to improve water governance taking into consideration both the socio-economic context and the meteo-climatic trends of the Mediterranean basin, since both of them are considered as important drivers of current and future water resources management.

Topic 1.3: Irrigation technologies and practices

The scope of this call is to improve irrigation water productivity while minimizing the potential environmental risks associated with irrigation at the farm and irrigation district level. This can be potentially appraised by introducing more efficient irrigation technologies aimed at reducing soil evaporation and water run-off while improving crop water use efficiency.



Section 2: RIA calls

Only one call with 9 topics

One unique guidelines for applicants



Topic 2.1: Adaptation of agriculture to climate change

The scope of this call is to better understand how plants, soil biota and animals adapt to environmental constraints and why certain varieties/breeds are tolerant or resilient to biotic and abiotic single or multiple stresses, such as drought, multiple summer stresses, warm winters, salinity, etc. It will allow to valorise local genotypes taking advantage of spontaneous and domesticated biodiversity in the Mediterranean agricultural and animal husbandry systems.

Topic 2.2: Preventing emergence of animal and plant diseases

The scope of this call is to better understanding the ecology and physiology of pests and pathogens, and the interactions between hosts, pests and pathogens, and other organisms at multiple trophic levels. Tackling these challenges requires trans-disciplinary research, involving plant/animal health specialists plant breeders, agronomists and zoo-technicians, food technologists. It should also involve social sciences to understand the determinants of current situation and study the acceptability of the proposed solutions.

Topic 2.3: Developing farming systems able to generate income, to create employment and to contribute to a balanced territorial development

The scope of this call is to enhance the potential benefits of agriculture in terms of employment and poverty alleviation. The objective is to encourage the development of labour-intensive agricultural activities and the design of profitable farming systems for small-scale agriculture, of technologies adapted to diverse farming systems.



Section 2: RIA calls

Only one call with 9 topics

One unique guidelines for applicants



Topic 3.1 Valorising food products from traditional Mediterranean diet

The scope of this call is to develop new products and processes to increase the quality of Mediterranean foods by combining improvement of raw material composition with better use of innovative and soft production and processing technologies. The result will be better nutritional quality of food products, stable nutrient-dense ingredients, and new products.

Topic 3.2: Food Safety in local food chains

The scope of this Call is to guarantee food safety in the Mediterranean environment while preserving the cultural heritage, along the entire food chain. The selected projects should address research activities focused on the elaboration and adoption of innovative solutions aimed to improve quality and quality-control mechanisms and techniques throughout supply chains at both local and territorial levels in order to guarantee food safety along the entire food chain.

Topic 3.3 Implications of dietary shifts and sustainable diets for the Med populations and food industry

The scope of this Call is to strengthen 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. Research actions can also encompass the assessment of the eating habits, their heterogeneity and their determinants in order to stimulate particularly younger generations to adopt Mediterranean traditional eating habits and abandon imbalanced diets.



SECTION 2

Call calendar 2018

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

january



Preannouncement
15/01/2018

february



Opening of the
submission website
1° Stage
08/02/2018

march

april



Indicative deadline
for applications -
1° Stage
27/03/2018



Evaluation results
are planned to be
available on or
before these dates
1° Stage
06/06/2018



Opening of the
submission website
2° Stage
04/08/2018

july



Indicative deadline
for applications -
2° Stage
04/09/2018

august

september

october

november

december



Evaluation results
are planned to be
available on or
before these dates
2° Stage
05/12/2018



SECTION 3

PSIAs (Participant States Initiated Activities)

Activities and Actions organised, managed and funded by the PS



✓ Capitalization on results achieved by research and innovation projects;



✓ Networking, engagement and communication to stakeholders;



✓ Synergies with other related initiatives;



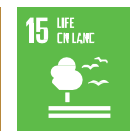
✓ Potential impact of PRIMA on Mediterranean societies including migrations;



✓ Enhancing Youth entrepreneurship;



✓ Assessment of PRIMA impacts in SDGs perspective.



PRIMA Impacts

Economic Impacts



- ✓ Increase in production and efficiency;
- ✓ Access to new markets;
- ✓ Greater funding options (InnovFin programme);
- ✓ Large-scale aggregate economic impacts.

Social Impacts



- ✓ Political stability and reduced migration.

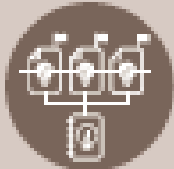
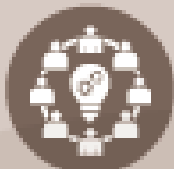

Environmental Impacts






- ✓ Biodiversity conservation;
- ✓ Sustainable farming practices.

PRIMA KPIs: Outcomes Indicators

Table 5
Monitoring the outcomes of specific objectives and thematic areas with Key Performance Indicators

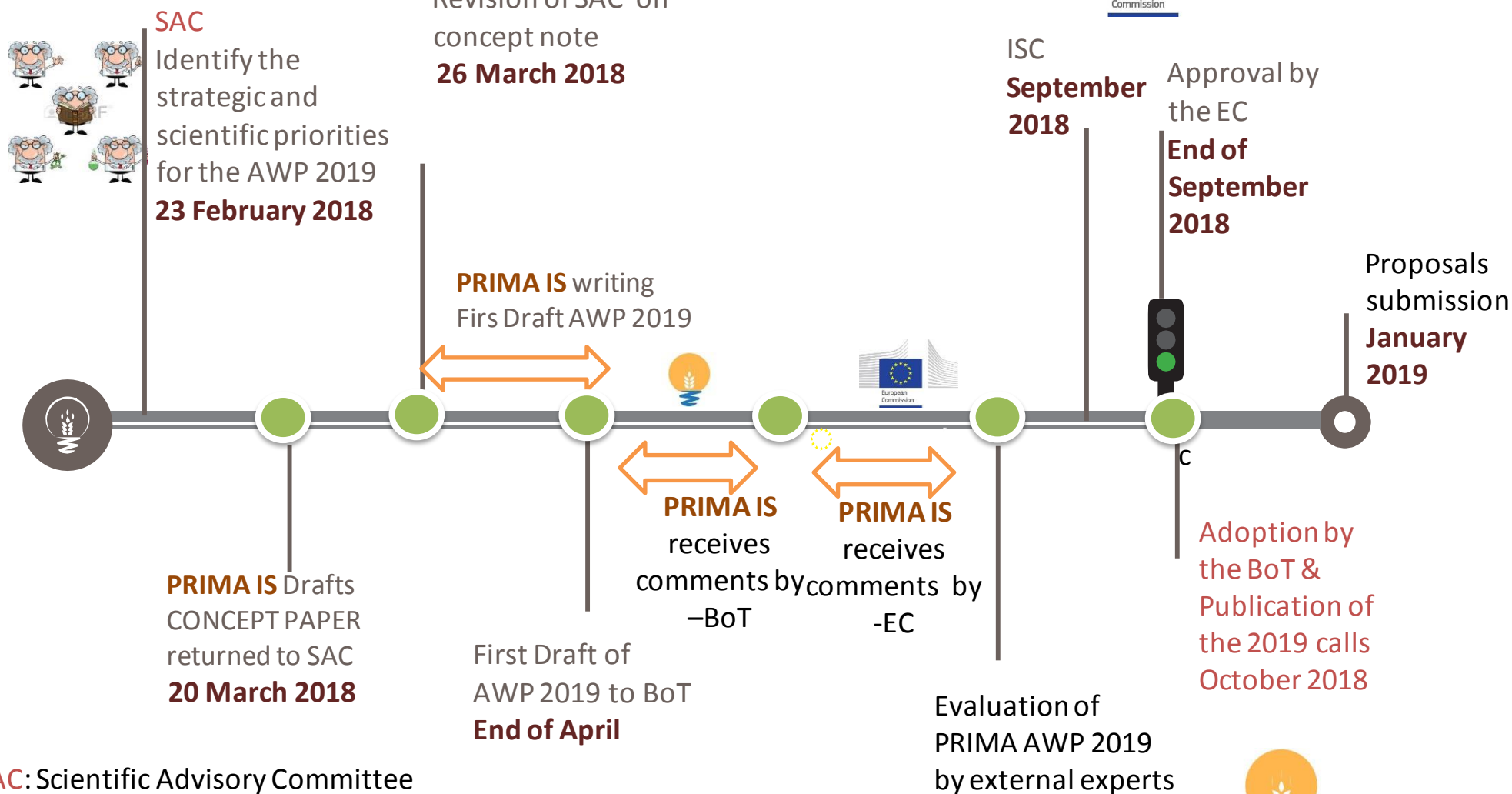
| OUTCOMES INDICATORS | | SDGs implementation ¹ |
|---------------------|---|---|
| | KPIs | |
| Specific objectives |  <p>ALIGNMENT OF NATIONAL R&I PROGRAMMES</p> | <ul style="list-style-type: none"> • Changes in R&I priorities of national agencies oriented towards PRIMA objectives • Percentage Increase of coordination |
| |  <p>CRITICAL MASS OF ACTORS AND RESOURCES</p> | <ul style="list-style-type: none"> • Increase of means for R&I funding • Increased involvement of industry incl. SMEs • New public-public or public-private partnerships, new collaborations • Efficiency benefits through pooling of resources, sharing of public investment of PS |
| |  <p>STRENGTHENING R&I CAPACITIES</p> | <ul style="list-style-type: none"> • Improved capacity of R&I organisations • Number of pilots and demonstrators • New practices for R&I organisations • 9.5.2 Researchers (in full-time equivalent) per million inhabitants |

PRIMA KPIs: Outcomes Indicators

| | | |
|-------------------------------|--|--|
| Thematic Areas and Priorities |  1/ MANAGEMENT OF WATER 1 Water resources availability; 2 Sustainable integrated water management; 3 Irrigation technologies; 4 Use of alternative water resources. | <ul style="list-style-type: none">• Number of new modelling routines for determining basic components of water cycle related to groundwater accumulation;• Number of efficiency enhanced technologies for wastewater treatment for unconventional renewable water resource production;• Number and efficiency performance of new Irrigation technologies and scheduling protocols and models;• Number of water treatment technologies for specific irrigation requirements. |
| |  2/ FARMING SYSTEMS 1 Adaption of agriculture to climate change; 2 Developing sustainable and productive agro-ecosystems; 3 Preventing emergence of animal and plant diseases; 4 Developing farming systems, create employment etc. | <ul style="list-style-type: none">• Number of new varieties/species adaptable to climate change;• Improved Knowledge of soil erosion mechanisms to enhance fertility and mitigate salinization under conditions of water scarcity Improving nutrient balance;• Number of integrated solutions for pest and diseases management for plant and animal production systems;• Number of innovations in farming systems developed enabling sustainable and efficient agriculture and food systems. |
| |  3/ AGRO-FOOD VALUE CHAIN 1 Valorising food products; 2 Food safety in local chains; 3 Implementation of innovation in the agro-food chain; 4 Implications of dietary shifts. | <ul style="list-style-type: none">• Number of new food products with enhanced shelf-life, quality and health-related beneficial properties;• Number of innovative solutions aimed to improve quality control mechanisms and techniques throughout supply chains;• Number of business models for quality and sustainability adapted to SME and smallholders;• Number of raising awareness campaign promoting an environment conducive to healthy food choices through appropriate incentives and information provision to consumers and policy makers. |



AWP 2019 : Roadmap



SAC: Scientific Advisory Committee

BoT : Board of Trustees

PRIMA IS: PRIMA FOUNDATION SECRETARIAT

EC: European Commission



THANK YOU FOR YOUR ATTENTION