

PRIMA Initiative and 4PRIMA

*An integrated programme on food systems and water resources
for the development of inclusive, sustainable and healthy Euro-
Mediterranean societies*

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4PRIMA Manager

PRIMA

Partnership for Research and Innovation in the Mediterranean Area

Co-ownership, mutual interest and shared benefit

Co-financed and Co-designed

- **Long-term orientation**
- **Avoiding fragmentation and duplications in R&I**
- **Focused on Research, Innovation and Adoption of solutions**

Goal

To develop innovative solutions and promote their adoption for improving the efficiency and sustainability of food productions and water provision

in order to support an inclusive well-being and socio-economic development in the Mediterranean Area

within the framework of a reinforced Euro-Mediterranean cooperation

Specific OBJECTIVES

- To enhance knowledge and unlock its innovation potential for food security and water availability
- To advance existing knowledge and innovations for water and food quality and safety

Operational Objectives grouped in 3 Pillars

PILLAR 1

Sustainable management of water for arid and semi-arid Med areas

PRIMA OBJECTIVES

- 2. To test and stimulate adoption of context-tailored water-saving solutions, in particular in agriculture
- 7. To improve land and water sustainability in arid and semi-arid watersheds
- 8. To elaborate and stimulate adoption of new policies and protocols for the governance of water management systems

PILLAR 2

Sustainable farming systems under Med environmental constraints

PRIMA OBJECTIVES

- 1. To develop smart and sustainable farming systems to maintain natural resources and to increase production efficiency
- 5. To design and promote the adoption of novel approaches to reduce the impact of pests and pathogens in farming

PILLAR 3

Mediterranean food value chain for regional and local development

PRIMA OBJECTIVES

- 3. To innovate in the Mediterranean food products based on Mediterranean diet heritage and to enhance the links between nutrition and health
- 4. To find context-adapted solutions to increase food and water chain efficiency, and reduce losses and wastes
- 6. To conceive and implement innovative, quality oriented models in agro-business as potential sources of new jobs and economic growth

Monitoring PRIMA impacts through SDGs indicators

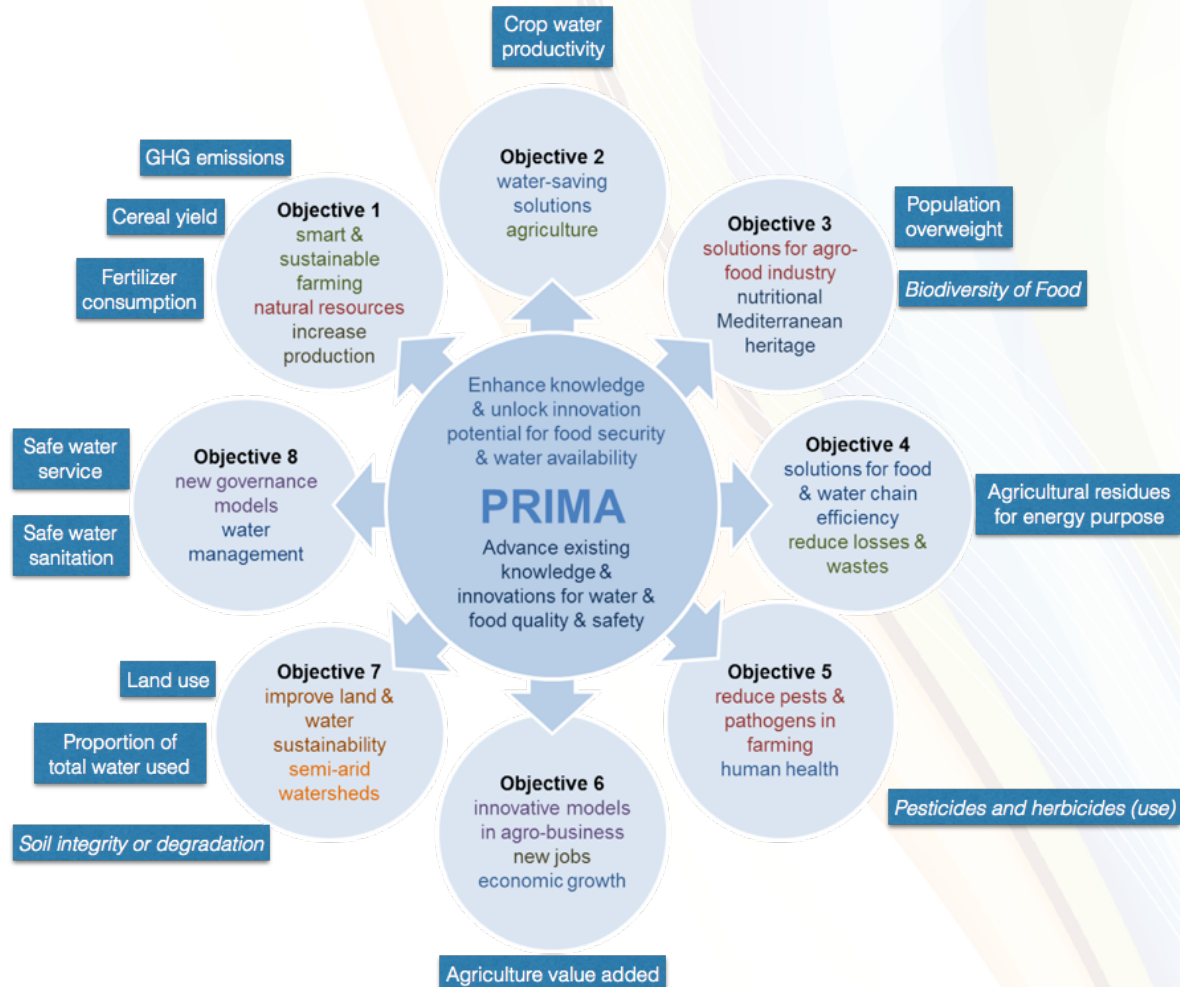
PRIMA & SDGs

The framework of Sustainable Development Goals (SDGs) includes two specific goals, among the 17 SDGs, dedicated to **FOOD SECURITY** (SDG2 End hunger, achieve food security and improved nutrition and promote sustainable agriculture) and **SUSTAINABLE MANAGEMENT OF WATER** (SDG6 Ensure availability and sustainable management of water and sanitation for all). For each of them there are several indicators that can be used to monitor the magnitude of the effects produced by projects under the PRIMA initiative.

Other cross-cutting issues:

- No poverty (SDG 1)
- Good health and well-being (SDG 3)
- Affordable and green energy (SDG 7)
- Decent work and economic growth (SDG 8)
- Reduce inequalities (SDG 10)
- Sustainable communities (SDG 11)
- Sustainable consumption and production (SDG 12)
- Climate action (SDG 13)
- Sustainable management of oceans and coastal areas (SDG 14)
- Sustainable land use, forest and other terrestrial ecosystems (SDG 15)

Relationship between indicators and PRIMA objectives



An article 185 initiative is the most suitable instrument to tackle the global challenges of the Mediterranean region in an integrated way

Appropriateness of an Art 185 TFEU initiative

Scientific integration

Multi-annual **joint implementation** of a **common agenda**
optimizing national R&I activities and programmes

Management integration

Joint management operated through an **independent legal entity**

- the Dedicated Implementation Structure -
reduction of transaction costs; avoid duplications;
alignment of existing programmes

Financial integration

High level and solid multiannual financial commitments by participating states

THE PRIMA WEB SITE

<http://www.prima4med.org>



Coordination and Support Action (CSA)



PARTNERSHIP FOR RESEARCH
AND INNOVATION IN THE MEDITERRANEAN AREA

Submitted to the EC on January 26, 2016
Invitation Grant Agreement Procedure on March 3, 2016



Kick-off meeting
19th-20th May, 2016 - Roma - Italy



EU project 724060 - The project is funded
by European Commission under Horizon 2020



PARTNERSHIP FOR RESEARCH AND INNOVATION IN THE MEDITERRANEAN AREA

1. **Proposal No: 724060** - 4PRIMA – CSA
2. **Topic: SC5-12-2016** - Food systems and water resources for the development of inclusive, sustainable and healthy Euro-Mediterranean societies
4. **Maximum EU grant amount:** 1,999,378.75 EUR
5. **Duration of the Action:** 18 Months
6. **Fixed Starting date:** 1st may 2015
7. **Grant Agreement Procedure** ongoing-not signed yet

4PRIMA will provide PRIMA initiative with the necessary support and preparatory actions needed in order to deliver a long term partnership with secured funding for R&I cooperation from the participating countries and leverage effect at regional and European level



Kick-off meeting
19th-20th May, 2016 - Roma - Italy



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**INTERNATIONAL
ORGANIZATIONS**
CIHEAM
EMUNI
SEMIDE

GERMANY
DLR

FRANCE
ANR

SPAIN
MINECO

PORTUGAL
FCT

MOROCCO
MHESRET

TUNISIA
MESRST

MALTA
MCST

EGYPT
MHESR

ROMANIA
UEFISCDI

ITALY
MIUR
UNISI

GREECE
CERTH

TURKEY
TUBITAK

CYPRUS
RPF

LEBANON
CNRS

JORDAN
HCST



Kick-off meeting
19th-20th May, 2016 - Roma - Italy



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Main objective

To create bases and support for a well-structured and integrated partnership for research and innovation on food systems and water resources, based on the principles of co-ownership, integration, mutual and shared benefits between the countries of both shores of the Mediterranean basin

Scope

- To bring together the main national research funding owners and/or managers involved in the PRIMA joint programming process, including the non-European participating states and their institutions, around a jointly designed Strategic Research Agenda with appropriate governance and implementation structures.
- A critical mass of players and increased synergies between all relevant stakeholders (e.g. relevant ministries responsible for sustainable agricultural production systems and water resources management, research institutions and universities, farmers' organisations) will be key elements for addressing the challenge.

Five Specific Objectives

Objective 1. Contributing to alignment research and innovation programmes on food systems and water use in the Euro-Mediterranean Area

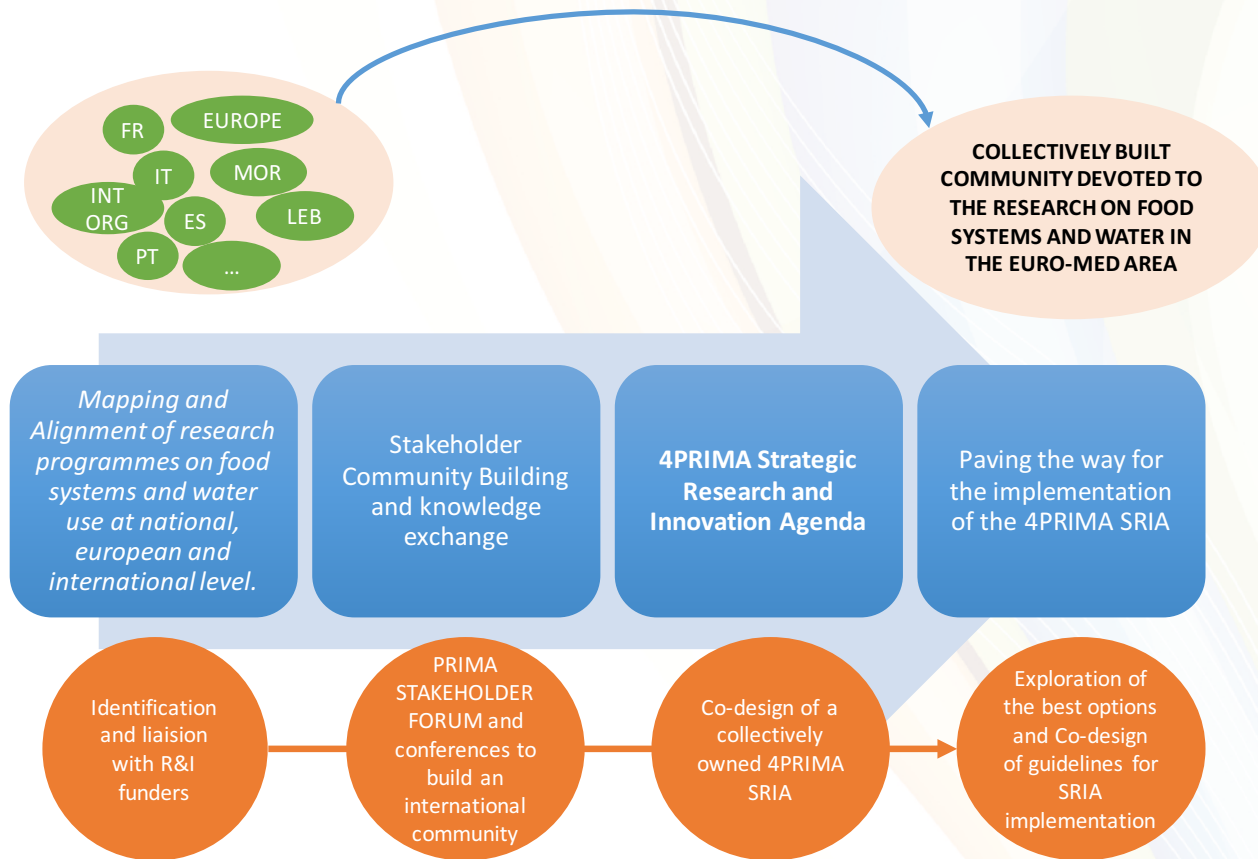
Objective 2. Ensuring awareness raising and stakeholder involvement

Objective 3. Ensuring an appropriate development and uptake of the a Strategic Research and Innovation Agenda (SRIA) on the food and water themes in the EuroMed area

Objective 4 Unlocking innovation on water management and food security of the Mediterranean private and public actors .

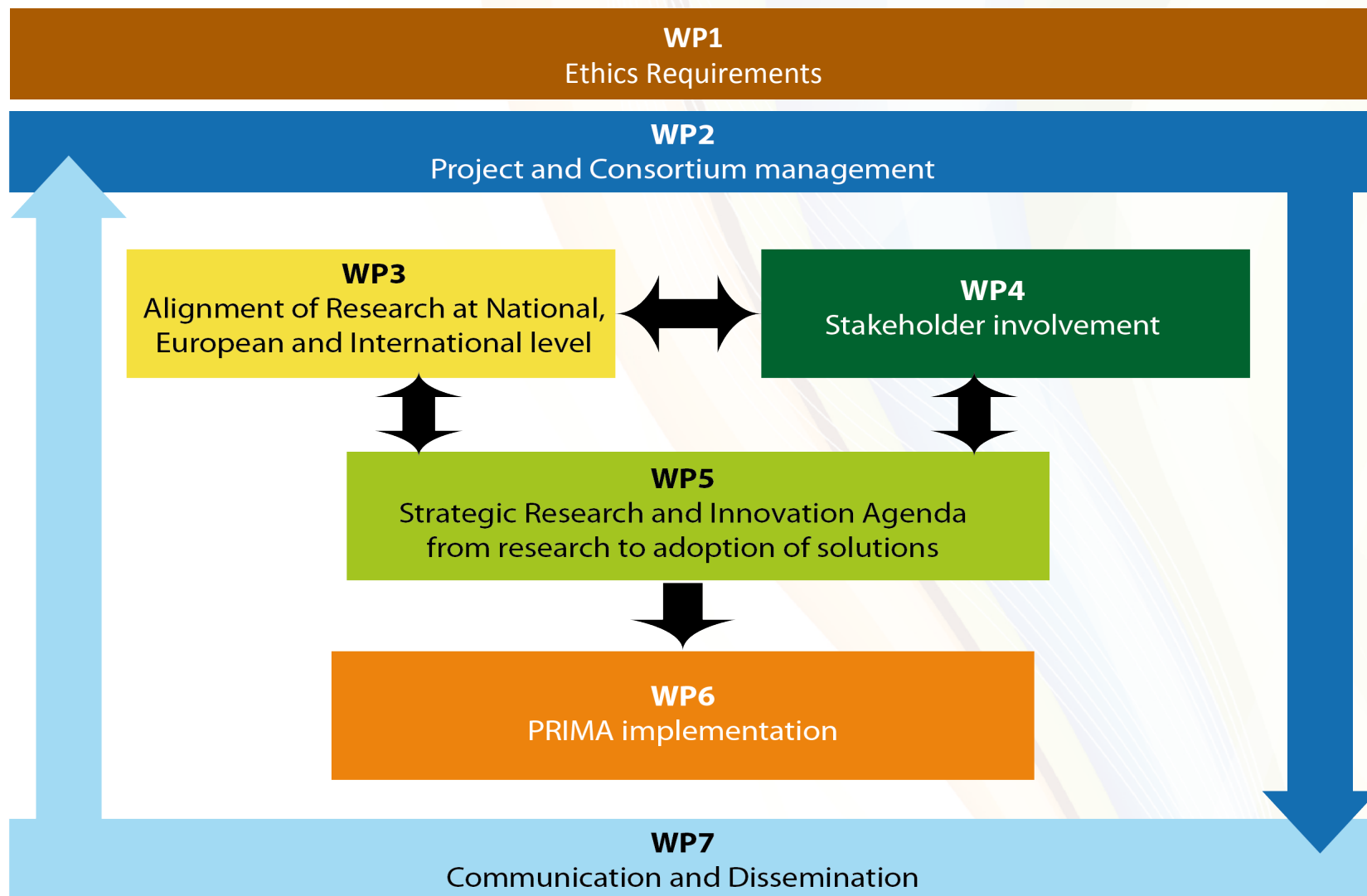
Objective 5. Ensuring sustainable support to PRIMA by adequate structure and robust implementation plan.

4PRIMA Methodology



From a fragmented effort to a collectively built research and innovation community:
the 4PRIMA methodology

4PRIMA Work Plan



4PRIMA Work Plan Tasks

WP1 Ethics Requirements

WP2

- Task 1 Organization structure and supervision of the results. Task leader: **MIUR**.
- Task 2 Administrative Management. Task leader: **MIUR**.
- Task 3 Risk management. Task leader: **HCST**.

WP3

- Task 1 Mapping R&I funding institutions programmes, investments and instruments, mobility schemes. Task leader **CIHEAM**
- Task 2 Alignment and monitoring with national research programmes and policy. Task leader **CNRS**
- Task 3 Synergies with other relevant EU intergovernmental programmes. Task leader **FCT**
- Task 4 Interaction with international programmes and initiatives. Task leader: **RPF**

WP4

- Task 1 Creation of the PRIMA Stakeholder forum and consultation with stakeholders from relevant sectors (Agriculture, Environment, Water, Scientific, Technology). Task Leader **MHESR**.
- Task 2 Awareness Raising and inclusion of further countries in the PRIMA Initiative. Task Leader: **MCST**
- Task 3 Contribute to the creation of cooperative science and policy interfacing networks. Task Leader: **EMUNI**
- Task 4 Malta Presidency Conference involving CSA Stakeholders and Research Ministries. Task Leader: **MCST**

WP5

- Task 1 Prioritization, development and update of PRIMA objectives. Task leader **MIUR**
- Task 2 Preparation of SRIA Consultation and Consultation on SRIA White Paper. Task leader **MINECO**
- Task 3 Elaboration of SRIA. Task leader **ANR**
- Task 4 Guidelines for transferring contents from research agendas to national policies and Research institutions. Task leader **MESRST**.

WP6

- Task 1 Exploring best options for the definition of Joint Activities of the future PRIMA Programme. Task leader
- Task 2 Generation of guidelines and procedures for implementing activities. Proposed task leader **DLR**
- Task 5.3 Evaluation of possible funding mechanisms. Task Leader: **MHESRET**
- Task 4 PRIMA governance – Comparison among policy options. Task leader **MINECO**

WP7

- Task 1 Dissemination and raising awareness. Task leader: **EMUNI**
- Task 2: Communication material. Task leader: **CERTH**
- Task 3: Development, maintenance and improvements of the project web site. Task leader: **SEMIDE**
- Task 4: Exploitation of project results to enhance the innovation potential of the PRIMA actions. Task leader: **UNISI**.
- Task 5: Final conference. Task leader: **RPF**

4PRIMA work flow-GANTT

	Months																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
WP1 Ethics Requirements		D1.1-4																
WP2 Management, review and assessment																		
<i>Task 1 Organization structure and supervision of the results</i>	D2.2						D2.2				D2.3			D2.4				D2.5
<i>Task 2 Administrative Management</i>																		
<i>Task 3 Risk management</i>																		
WP3 Alignment of Research at National, European and International level – State of art/Baseline commercialization and real case tests				M3.1 M3.2						M3.3		M3.4						
<i>Task 1 Mapping R&I funding institutions programs, investments and instruments, mobility scheme</i>				D3.1						D3.2								
<i>Task 2 Alignment and monitoring with national research programmes and policy</i>											D3.3							
<i>Task 3 Synergies with other other relevant EU intergovernmental programmes</i>																		
<i>Task 4 Interaction with international programmes and initiatives.</i>													D3.4					
WP4 Mobilising stakeholders/Knowledge exchange										M3.1 M3.2								
<i>Task 1 Creation of the PRIMA Stakeholder forum and consultation (Agriculture, Environment, Water, Scientific, Technology)</i>		D4.1																
<i>Task 2 Awareness Raising and inclusion of further countries in the PRIMA Initiative</i>																		
<i>Task 3 Contribute to the creation of cooperative science and policy interfacing networks</i>									D4.3									
<i>Task 4 Malta Presidency Conference involving CSA Stakeholders and Research Ministries</i>											D4.2 D4.4							

4PRIMA work flow-GANTT

	Months																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
WP5 Strategic Research and Innovation Agenda												M5.1						
<i>Task 1 Prioritization, development and update of PRIMA.objectives</i>	D5.1																	
<i>Task 4.2 Preparation of SRIA Consultation and Consultation on SRIA White Paper</i>						D5.2												
<i>Task 4.3 Elaboration of SRIA</i>													D5.3					
<i>Task 4.4 Guidelines for transferring contents from research agendas to national policies and Research institutions</i>																D5.4		
WP6 PRIMA Implementation plan					M6.1												M6.2	
<i>Task 1 Exploring best options for the definition of Joint Activities of the future PRIMA Programme</i>					D6.1													
<i>Task 2 Generation of guidelines and procedures for implementing activities</i>																		
<i>Task 3 Evaluation of possible funding mechanisms</i>																		
<i>Task 4 PRIMA governance – Comparison among policy options</i>																	D6.2	
WP7 Dissemination, communication and exploitation																		
<i>Task 1 Dissemination and raising awareness</i>	D7.1	D7.2																D7.12
<i>Task 2: Communication material</i>			D7.3			D7.4 D7.13			D7.5			D7.6						D7.7
<i>Task 3: Development, maintenance and improvements of the project web site</i>			D7.8															
<i>Task 4: Exploitation of project results to enhance the innovation potential of the PRIMA actions</i>																		D7.10
<i>Task 5: Final conference</i>																		D7.11

4PRIMA Events

Location	WP, Task	Target group and topic	Months
Rome, Italy	Kick off meeting	Beneficiaries of 4PRIMA	MONTH 1 (May 2016)
Tunisia	WP4 Stakeholder Meeting	PRIMA Stakeholder forum	MONTH 6
Bari, Italy	WP3 Meeting on results of mapping and discussion on potential synergies with other initiatives	4PRIMA beneficiaries and representatives of JPIs and EITs (KIC FOOD 4Future) will meet under the 4PRIMA aegis for discussing on mapping exercise and agree on potential synergies to be built with national and regional programmes	MONTH 7
	Project meeting	4PRIMA Project beneficiaries	
Egypt	WP4 Stakeholder Meeting	PRIMA Stakeholder forum, GSO	MONTH 8
Beirut, Lebanon	WP3 Meeting on alignment	Ministries and scientific community will meet under the 4PRIMA aegis for discussing on the alignment with national research programme and policies	MONTH 10
La Valletta, Malta	WP4 Stakeholder Meeting	Technical conference with stakeholders	
	WP4 Malta Presidency Conference	Ministries	MONTH 11
	Project meeting	4PRIMA beneficiaries	
Siena, Italy	WP7 Meeting for unlocking innovation to SMEs; industries, companies	Selected SMEs, representative of the Industries	MONTH 12

4PRIMA Events

Location	WP, Task	Target group and topic	Months
France	WP7 Meeting for Disseminating the SRIA Project Meeting	Research institutions policy makers, representatives of businesses, Stakeholder fora	MONTH 14
Slovenia, Ljubljana	WP7 Meeting Science diplomacy and migration	Research institutions, senior academics and officials as well as decision-makers and international organisations	MONTH 17
Cyprus	WP7 Final Conference Project Meeting	Policy makers, research entities, industrial stakeholders, farmers and consumer associations, NGOs	MONTH 18 (November 2017)

4PRIMA Project meetings

Italy - Rome	Kick off meeting	Month 1
Italy-Bari	Project meeting	Month 7
Malta – La Valletta	Project meeting	Month 11
France - Montpellier	Project meeting	Month 14
Cyprus - Nicosia	Final meeting	Month 18