



Guidelines for applicants

PRIMA Call for Section 2 funded by Participant States

Partnership for Research and Innovation in the Mediterranean Area

Version 0
February 5, 2018

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



DISCLAIMER

This document was prepared by PRIMA-IS to provide guidance to applicants, the European Commission is not responsible for any use that may be made of the information it contains. In case of discrepancies between this document and the AWP 2018 the latter legally prevails.

Glossary

AC: Associated Countries.
AWP: Annual Work Plan.
CA : Consortium Agreement.
CV: Curriculum Vitae.
DMP: Data Management Plan.
ESR: Evaluation Summary Report.
ESS: Electronic Submission System.
EU: European Union.
GA : Grant Agreement.
IPR: Intellectual Property Right.
KPI: Key Performance Indicators.
MPC: Mediterranean Partner Countries.
NCP: National Contact Point.
OCT: Overseas Countries and Territories
PI: Principal Investigator.
PRIMA-IS: PRIMA – Implementation Structure.
PS: Participating State.
RIA: Research and Innovation Activities, based on national rules¹
RfP: Rules for Participation
SDG: Sustainable Development Goal.
SMEs: Small and Medium-sized Enterprises
SRIA: Scientific Research and Innovation Agenda.
tbPS: to be Participating States.
TC: Third Countries.
TRL: Technology Readiness Level.
UfMS: Union for Mediterranean Secretariat.

¹ Please note that the acronym RIA is used both for Section 1 and Section 2. In Section 1 the rules applying to these actions are the standard Horizon 2020 rules for participation (RfP). While the rules used in Section 2 are to some extent analogous to the Horizon 2020 RfP, specific rules, concerning participation and funding rates, apply. As the projects selected in Section 2 are funded directly by the national funding bodies they will be subject to the respective national regulations.

SUBMISSION INFORMATION

Stage 1 Pre-proposals
Deadline for Submission 27th March, 2018
(17:00h CET)

Documents for stage 1:

- ✓ *Administrative data (to fill in directly on the ESS)*
- ✓ *Scientific document (template to be 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)*

Stage 2 Full proposals
Deadline for Submission 4th September, 2018
(17:00h CET)

Documents for stage 2:

- ✓ *Administrative data (to fill in directly on the ESS)*
 - ✓ *Detailed scientific document (template to be uploaded as pdf on the ESS)*
- ✓ *Detailed budget (template to be uploaded as an Excel file in the ESS)*
- ✓ *CVs (template to be uploaded as pdf on the ESS)*

One month before the deadline for submission, the link to the Electronic submission System will be announced on the PRIMA web page in the section corresponding to the call.

Download the template for the Scientific document from www.prima-med.org

Contents

Glossary	2
I. Activities funded under section 2	5
II. Section 2 call overview	6
III. Before the submission of a Proposal	7
IV. Preparing a Proposal.....	7
V. List of countries eligible for funding.....	9
VI. Standard of admissibility and related requirements.....	10
VII. Standard eligibility conditions	11
VIII. Evaluation rules	15
IX. Communication of evaluation results	18
X. Project monitoring and reporting for funded projects.....	18
XI. Conditions related to open access to research data	18
XII. Specific additional information and relations between the beneficiaries and their funding bodies 19	
XIII. Call Secretariat – PRIMA-IS.....	20
XIV. National Contact Points	21
XV. Use of the Electronic Submission System.....	21
Anexes	
A1. List of National Contact Point... ..	23
A2. Timeline of the call.....	27
A3. List of Key Performance Indicators	28

IMPORTANT INFORMATION

The calls will follow a two-stage evaluation procedure.

For the first stage, a short Scientific pre-proposal (10 pages) must be submitted to the Electronic Submission System by the first deadline (March 27, 2018; 17:00h CET).

Guidance about the Electronic Submission System is provided in the document entitled “Electronic Submission System handbook”. **The link to the electronic submission system will be announced ONE MONTH before the submission deadline on the PRIMA web page, in the section corresponding to the call.**

Please note that when these guidelines refer to “proposal”, this means that the conditions apply to both pre proposal (stage 1) and full proposal (stage2).

The Annual Work Plan 2018 (AWP2018) contains the full description of the actions, please refer to this document to have more detailed information on participation.

AS THIS CALL IS FUNDED BY THE NATIONAL FUNDING BODIES, PLEASE READ CAREFULLY THE NATIONAL REGULATIONS of your country (available on the PRIMA website) TO VERIFY YOUR ELIGIBILITY.

1. Activities funded under section 2

Description of the activities: Research and innovation activities (RIA)

Activities primarily consisting of activities aiming to establish new knowledge and/or to explore the feasibility of a new or improved technology, product, process, service or solution. For this purpose, 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.

Projects may contain closely connected but limited demonstration or pilot activities aiming to show technical feasibility in a near to operational environment.

All the projects will have to include collaborative research. Collaborative research is compulsory and undertaken by a partnership of institutions (consortium) designed to produce new knowledge through scientific research, whereby each team within the partnership actively pursues specific tasks and objectives with a view to pooling the results to contribute to the achievement of a set of common, well-defined project objectives.

Funding level

The level of funding and the list of eligible costs are given in the national regulations. Each applicant has to comply with the requirements stated in their own national regulations. A contact point established in each country and who can be contacted directly by the applicant belonging to the same country, will inform the applicants about the rules.

II. Section 2 call overview

PRIMA SRIA identified 12 priorities for facing Mediterranean challenges related to Water management, Farming systems and Agro-food chains. In 2018, the PRIMA Section 2 Call, funded by the PS, will encompass all priorities except the three of them addressed in Section 1.

Section 2 will focus on a unique call for RIA, as several priorities/topics are strongly interrelated (leading to several cross-cutting issues that have been highlighted in the PRIMA SRIA).

The Section 2 call will be launched in a two-stage process. PRIMA-IS will be responsible for the evaluation of proposals, which will be conducted with analogous rules of H2020 rules in a peer review process with a panel that will rank the proposals. Eligibility of proposals will be first checked by the PRIMA-IS having regard to the eligibility criteria set forth in the PRIMA Decision.

In this section 2, to receive the funds, the beneficiaries will have to sign a grant agreement directly with their national funding bodies, thus, to ensure compliance of the beneficiary with the national regulations a second eligibility check will be performed by the national funding bodies. Only proposals that are considered eligible both by PRIMA-IS and by the national funding bodies will enter into the evaluation process. At the end of the evaluation a unique ranking list will be produced by the panel in order to guarantee that high quality projects will be funded. As some funding bodies allocated a budget to one or more specific topic, and in the event that one or more projects cannot be funded (in case that a funding body runs out of money), the projects with a lower score may be selected.

PRIMA Section 2 call will address the topics described in the corresponding call text and sum up in the table 2 of this document (according to national priorities) and the cross cutting issues among them. **Research projects can address issues that are cross cutting between two topics as long as they are both eligible for funding by ALL the partner countries.** PRIMA Section 2 call will fund collaborative research projects that should have an impact and contribute to demand and policy driven research (see list of KPIs in annex 3).

When funding for training and mobility is allowed by the funding bodies these actions will be encouraged and projects should integrate in their work plan schemes for the mobility of young researchers / post graduates / post doctorates, in accordance with the modalities set out in national regulation funding bodies.

Projects must deliver tangible outputs and enhance technological and social innovation, depending on the research question addressed. Participants are required to engage in research data sharing. This means that beneficiaries should take measures to make it possible for third parties to access, mine, exploit, reproduce and disseminate, free of charge for any user. The projects could include the use of innovative technologies, such as smart digital technologies, space data and related data and technologies. When explicitly allowed by the national regulations of the funding bodies, innovation actions should involve the private sector in the project Consortium, and particularly relevant SMEs.

All participants to activities funded by the PRIMA-IS or by Participating States of the PRIMA Programme are required to label or co-label any communication or publication related to their activities with the following acknowledgement "[name of the activity/grant code] is part of the PRIMA Programme supported by the European Union", as well as with the PRIMA logo and the EU emblem.

III. Before the submission of a Proposal

There are important steps to get prepared before starting the preparation of the proposal. They are as follows:

- Carefully read the text of the call and check the general eligibility conditions (e.g. minimum number of required partners or their place of establishment) and the national regulations applying to your consortium (AVAILABLE ON THE PRIMA WEBSITE).
- Prospective applicants are encouraged to contact PRIMA National Contact Points (NCPs) listed in Annex 1, to receive more information and guidance on PRIMA calls.
- Get familiar with the standard administrative and technical documentation to fill in. These templates are available on the PRIMA website (reference documents section) to allow an early preparation of the proposal. Please note that a different template is used for the pre proposal and full proposal stage with different information.

THE PRIMA WEBSITE (www.prima-med.org) FEATURES A “FIND PARTNERS TOOL” WHICH ALLOWS APPLICANTS TO SEARCH FOR POTENTIAL PARTNERS.

Each consortium is formed by several teams, each one with a Principal Investigator (PI), who is the leader of the team, lab or institution. One of these PIs shall be nominated as **coordinator** of the project, whose responsibilities during the submission and the evaluation phase are:

- Ensure that all the members of the consortium are eligible;
- Submit the proposal on behalf of the consortium;
- Be the single point of contact between the PRIMA-IS and the consortium partners.

The Coordinator will not be responsible for the financial management of PRIMA research funding, which will be handled directly between national beneficiaries and their national funding bodies in each participating country.

IV. Preparing a Proposal

The proposal must be created by the project coordinator and consists of 2 main parts: the **administrative & financial data** and the **Scientific document** which is the description of the planned project. Proposal templates available on www.prima-med.org. The limit that applies for the scientific document:

- Stage 1: 10 pages (Pre-proposal)
- Stage 2: 70 pages (Full proposal)

Proposals and all the annexes or additional documents **must be written in English**, in a legible font, further guidance on the use of fonts, margins and other page formatting will be included in the proposal templates available on the PRIMA website.

The work described in the proposal must correspond to the PRIMA Call for Section 2. The proposal has to meet all eligibility and admissibility conditions described in these guidelines. Proposals that fail to

do so will be considered ineligible. **NO MODIFICATIONS are allowed in the consortium composition (Coordinators and PI), budget and scientific objectives between step 1 and step 2.**

All pre-proposals must include a global budget (please ensure that the total value of your requested budget respect the national regulations). For the pre-proposal stage each partner must indicate the total cost of the project and the requested amount to their national funding body (total cost = amount requested + own funding). Not all costs are eligible for all the countries. A detailed explanation of which costs are eligible and which are not eligible can be found in the national regulations. Please, read these carefully. A detailed budget will be required for the full proposal stage.

Applications, including all required forms and annexes, must be received by the PRIMA-IS **by the deadlines: 27th of March 2018 (17:00 CET) for pre-proposal stage and by the 4th of September 2018 (17:00 CET) for full proposals**, as stated in this document. Therefore, it is strongly recommended to do not wait until the last moment to submit your proposals. Pre or full proposals submitted after the deadline are not eligible for evaluation and will be automatically rejected. No extenuating circumstances will be taken into consideration.

It is possible for the consortium to withdraw an already submitted proposal at any time before the deadline, or even during the review process. Correcting or revising of proposals is only possible before the deadline. PRIMA will use the latest version of the pre-proposal submitted by the deadline for review.

ONLY the consortia whose pre-proposals are selected by PRIMA-IS (based on the evaluation panel ranking list, please refer to section 8) will be invited to submit a full proposal. The submission of a pre proposal is mandatory.

Proposals submitted by coordinators will be opened and authenticated by the PRIMA-IS, which will perform the admissibility and eligibility check. No clarification or integration requests will be accepted after the call deadline. If the admissibility and eligibility criteria are met, the proposal will be then sent to evaluators.

Table 1. Main steps for the preparation and submission of a proposal

Main steps for the preparation and submission of a proposal	
1	Consortium composition and appointment of the coordinator
2	Verification of the eligibility conditions for the partners
3	Pre-proposal writing (check the evaluation criteria, fill in the appropriate forms)
4	Check your Financial capacity: In line with the Financial Regulation No 966/2012 and the Horizon 2020 Rules for Participation Regulation No 1290/2013 by following this link: https://ec.europa.eu/research/participants/portal/desktop/en/organisations/lfv.html
5	Pre-proposal submission by the coordinator with the following information: <ul style="list-style-type: none">✓ Administrative data (names of the partners, mails, institutions....) Information to be filled online. See ESS handbook for details✓ Budget: Total cost per partner and Required amount per partner to their respective funding body: Information to be filled on the EES (online)

	<p>✓ Scientific document (template available on www.prima-med.org). Pdf to be uploaded on the ESS</p> <p>Note that for full proposal (stage 2) you will have to provide :</p> <ul style="list-style-type: none"> ✓ A detailed budget table (template available on www.prima-med.org). Excel file to be uploaded on the EES. ✓ A Detailed Scientific Document (full proposal template available on www.prima-med.org) Pdf to be uploaded on the EES ✓ CVs of the PIs including all the information listed in section VI point 3 in one single document: Pdf to be uploaded on the EES <p>The PI is the team leader=1 person per team, lab or institution</p>
--	--

V. List of countries eligible for funding

Legal entities established in the following countries and territories will be eligible to receive funding through PRIMA grants:

a) The PRIMA Participating States(PS)² :

- The following Member States (MS) of the European Union (EU): Croatia, Cyprus, France, Germany, Greece, Italy, Luxembourg, Malta, Portugal, Spain, Slovenia. It includes the Overseas Countries and Territories (OCT) linked to these Member States³:
- The following Third Countries associated to Horizon 2020 (AC): Israel, Tunisia, and Turkey.
- The following Third Countries not associated to Horizon 2020 (TC), upon condition that they have concluded international agreements for scientific and technological cooperation setting out the terms and conditions of their participation in PRIMA: Algeria, Egypt, Jordan, Lebanon and Morocco.*

* The eligibility to receive PRIMA funding for legal entities established in the 'to be Participating States', i.e. Egypt, Lebanon and Morocco, is conditional upon the entry into force or start of provisional application of international agreements with the Union setting out the terms and conditions of their participation in PRIMA. Legal entities established in these countries, which apply for funding, will be eligible for funding if the required international agreements start producing legal effects by the time the relevant Grant Agreement is signed.

These Associated (AC) and Third Countries (TC) mentioned above are the Mediterranean Partner Countries (MPC).

The latest information on the PRIMA PS can be found on PRIMA webpage (in the “about us” section): www.prima-med.org

² New PS may join PRIMA and the regularly updated list of PS will be provided by PRIMA-IS (www.prima-med.org).

³ Entities from Overseas Countries and Territories (OCT) are eligible for funding under the same conditions as entities from the Member States to which the OCT in question is linked.

Participants from countries not listed above can be part of a consortium but they have to fund their own participation. They cannot coordinate the project and they are not taken into account in the minimum number of participants required to have an eligible consortium. They also have to attach to their proposal a letter from their organization (signed by a legal representative of the structure) attesting that the funds to cover their participation to the projects (task(s), participation to meetings...) will be available.

Ultimately, the national funding rules of a PS will determine whether a particular entity would be eligible for funding. PRIMA-IS will request PS to verify the eligibility of participants in applicant consortia for national funding. In the event of a negative outcome of the verification of eligibility for funding of any participant in the applicant consortium by a PS, PRIMA-IS may require additional information from a consortium or the participant concerned such as an attestation that the funds to cover their participation in the project will be available (analogous to the attestation required from participants from non-PS).

The information provided in this section is without prejudice to the national funding rules of PS, which may also envisage eligibility for funding for specific entities not established in these PS.

Please refer to table 2 which presents indicative budget distribution of Participating States and to be Participating States with respect to the calls covered by section 2. Based on this table, prospective participants may establish whether the PS / tbPS plans to allocate certain budgets to the Thematic Areas and particular topics they are interested in.

The latest information on the PRIMA PS can be found on PRIMA webpage: <http://www.prima-med.org/>

VI. Standard of admissibility and related requirements

1. Proposals must comply with the admissibility requirements set out in this sub-section, unless they are supplemented or modified in the call conditions.

To be considered **admissible**, a proposal must be:

- (a) Submitted in the electronic submission system before the deadline given in the call conditions;
- (b) Readable, accessible and printable;
- (c) **Complete** and inclusive of the requested administrative data, the proposal description, and any other obligatory supporting documents specified in the call conditions;
- (d) Include a **draft plan for the exploitation and dissemination of the results**, unless otherwise specified in the call conditions. **The draft plan is not required for pre-proposals.**

2. In addition to the above admissibility requirements, page limits will apply to parts of proposals. The limit for a **first-stage pre-proposal is 10 pages**, while the limit for a **full proposal is 70 pages**. **In BOTH CASES PAGE LIMIT APPLY ONLY TO THE SCIENTIFIC PART. We strongly encourage you to write your pre or full proposal in a concise and precise way (please bear in mind that the length of the proposal is not considered as a guarantee of quality and evaluators appreciate to receive precise and clear documentation).**

Excess pages (in over-long proposals/applications) will not be taken into consideration by evaluators. Proposals must be written in a legible font. Further guidance on acceptable fonts, margins and other page formatting will be included in the proposal templates. The structure of proposals must correspond to the requirements specified under each section of the proposal template.

3. The following supporting documents will be required to determine the operational capacity for grant proposals during the second stage of evaluation (**for full proposals only**):

- A curriculum vitae or description of the profile of the persons who will be primarily responsible for carrying out the proposed research and/or innovation activities;
- A list of up to five relevant publications, and/or products, services (including widely-used datasets or software), or other achievements relevant to the call content;
- A list of up to five relevant previous projects or activities, connected to the subject of this proposal;
- A description of any significant infrastructure and/or any major items of technical equipment, relevant to the proposed work;
- A description of any third parties that are not represented as project partners, but who will nonetheless be contributing towards the work (e.g. providing facilities, computing resources).

This scrutiny will be carried out by the evaluators during the evaluation process under the selection criteria, in particular the award criterion 'Quality and efficiency of the implementation'. Please refer to "Evaluation rules".

All the points listed above (point 3) must be treated in a unique document to be uploaded during the submission phase.

VII. Standard eligibility conditions

An applicant cannot submit more than one proposal as coordinator in all the PRIMA calls but can be partner in different proposals

The same proposal cannot be submitted to different calls. Two proposals will be considered similar if 75% of the project in terms of objectives, methodology and consortium composition are identical.

All proposals must comply with the eligibility conditions set out in the Rules for Participation of Horizon 2020 Regulation No.1290/2013 and any derogations to these as specified in the Decision (EU) 2017/1324.

Furthermore, proposals must comply with the eligibility conditions set out in this Annex, unless they are supplemented or modified in the call conditions.

A proposal will only be considered eligible if:

- (a) its content corresponds, wholly or in part, to the topic for which it is submitted;

- (b) it complies with the eligibility conditions for participation set out below, depending on the type of action.

MINIMUM REQUIREMENT TO HAVE AN ELIGIBLE CONSORTIUM:

1 ENTITY FROM: Croatia, Cyprus, France, Germany, Greece, Italy, Luxembourg, Malta, Portugal, Slovenia, Spain

AND

1 ENTITY FROM Algeria, Israel, Jordan, Tunisia, Turkey, Morocco*, Egypt*, Lebanon*

AND

1 ENTITY FROM one of the above mentioned countries

*** Consequences for eligibility for participation:** Legal entities established in “to be Participating States: Morocco, Egypt and Lebanon” **WILL NOT COUNT towards the minimum number of participants** in the consortium if the international agreement with the country where they are established does not produce legal effects **by the day of the submission deadline**. Please consult the updated list of PS in the “about us” section of our website (www.prima-med.org).

For the Section 2 call, after the eligibility check done by PRIMA-IS, a second eligibility check will be performed by the national funding bodies, aimed at the verification of eligibility for funding. In this context proposals that are considered eligible for participation by PRIMA-IS (at the consortium level) will enter into the evaluation process. However, in the event of a negative outcome of the verification of eligibility for funding of any participant in the applicant consortium by a PS, PRIMA-IS may require additional information from a consortium or the participant concerned, such as an attestation that the funds to cover their participation in the project will be available.

For funding rules, in particular the criteria for eligibility for funding of their participation in the activities following transnational call organized by PRIMA-IS, applicants should refer to the national funding rules and if necessary contact their national funding bodies.

Applicants must be eligible for funding according to their national funding body rules (national regulations). The national regulations mention the eligible structures or entities that are allowed to apply (for example, some funding bodies can fund private entities and other cannot). Each funding body establishes its own national regulations that provide to the applicants the topics that are funded under the call (see table below) and a list of criteria to check for their eligibility. National regulations also provide a comprehensive list of eligible costs (for example some funding bodies can support mobility or sub-contracting and other cannot). Therefore before applying to the call of the section 2, applicants must verify their own national eligibility by reading carefully the national regulations and by contacting the national contact point appointed for this task (the list of the national contact points is included in Annex 1).

Table 2. Planned activities and budget distribution of Participating States (PS) and to be Participating States (tbPS).

	Participating States																TbPS			
	PT	SI	CY	EL	FR	TN	ES	TR	DE	HR	IT	LU	MT	IL	DZ	JO	EG		LB	MA
Funding Bodies	FCT	ARRS	RPF	GSRT	ANR	MHESR / IRESA	AEI / CDTI	TUBITAK	DLR	MSE	MIUR	FNR	MCST	IIA	DGRSDT	SRSF	STDF	ASRT	CNRS-L	MESRSF C
Total commitment (K€)	750	100	400	2000	4000	1000	3000	1000	3300	285	7000	300	500	500	2000	1500	1500	1500	500	2000
Thematic area 1 Sustainable water management for arid and semi-arid med areas																	900			
TOPIC 1.1 Water resources availability and quality within catchments and aquifers	X		X	X	X	X	X	X	X		X	X	X	X	X	X	X		X	X
TOPIC 1. 2 Sustainable, integrated water management	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X		X	X
TOPIC 1.3 Irrigation technologies and practice	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X
Thematic area 2 Sustainable farming systems under Med environmental constraints																	600			
TOPIC 2.1 Adaptation of agriculture to climate change	X		X	X	X	X	X	X	X		X	X	X	X	X	X	X		X	X
TOPIC 2.2. Preventing animal and plant pests and diseases outbreaks	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X

TOPIC 2.3. Farming Systems able to create employment and territorial development	X	X	X	X	X	X		X	X		X	X	X	X	X	X	X			X
Thematic area 3 Mediterranean Food Value Chain for Regional and Local development																		1500		
TOPIC 3.1. Valorising food products from traditional Mediterranean diet	X		X	X	X	X	X	X	X		X	X	X	X	X	X		X	X	X
TOPIC 3.2. Food safety and quality in local food chains	X		X	X	X	X	X	X	X		X	X	X	X	X	X		X	X	X
TOPIC 3.3. Health effects of the dietary shifts and promotion of healthy and sustainable diets for the Med populations	X		X	X	X	X	X		X	X	X	X	X	X		X		X	X	X

Please note that if you are submitting a proposal that is cross cutting between 2 topics, you have to declare it 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.

Abbreviations of the table: PT: Portugal; SI: Slovenia; CY: Cyprus; EL: Greece; FR: France; TN: Tunisia; ES: Spain; TR: Turkey; DE: Germany; HR: Croatia; IT: Italy; LU: Luxembourg; MT: Malta; IL: Israel. DZ: Algeria; EG: Egypt; LB: Lebanon; JO: Jordania; MA: Morocco.

* The PRIMA AWP 2018 will also recognise the fact that 'to be Participating States' (tbPS) may become Participating States (PS) after its adoption. In this context, in the relevant sections, information will be provided in relation to tbPS. This information, although indicative at this stage, may be useful for the appreciation of the expected PRIMA activities in 2018 with a special focus on possible contributions to PRIMA by tbPS and their participation in its activities – after they become PS.

VIII. Evaluation rules

-Selection Criteria

1. *Financial capacity*: In line with the Financial Regulation No 966/2012 and the Horizon 2020 Rules for Participation Regulation No 1290/2013. Before the submission of a pre-proposal coordinators will be have to perform a self-assessment using the on-line tool available by clicking on the following link: <https://ec.europa.eu/research/participants/portal/desktop/en/organisations/lfv.html> .

2. *Operational capacity*: As a distinct operation, carried out during the evaluation of the award criterion 'Quality and efficiency of the implementation', experts will indicate whether the participants have sufficient operational capacity to carry out the proposed work, based on the competence and experience of the individual participant(s). (**Only for stage 2, full proposals**).

-Award criteria, scores and weighting

1. Proposals will be evaluated by experts, on the basis of the **award criteria** 'excellence', 'impact' and 'quality and efficiency of the implementation' (see Article 15 of the Horizon 2020 Rules for Participation Regulation No 1290/2013).

The aspects to be considered in each case depend on the types of action as set out in the table below:

Table 3. Aspects to be considered in the evaluation.

Type of Action	Excellence	Impact	Quality and efficiency of the implementation
	The following aspects will be taken into account, to the extent that the proposed work corresponds to the topic description in the work plan.	The following aspects will be taken into account:	The following aspects will be taken into account:
Research & Innovation Activities (RIAs)	<p>Fit with the scope and objectives of the PRIMA programme and the call topic description;</p> <p>Importance, relevance/pertinence and clarity of the objectives;</p> <p>Soundness of the concept and credibility of the proposed approach/methodology.</p> <p>Extent that the proposed work is beyond the state of the art, and demonstrates innovation potential (e.g. ground-breaking objectives, novel concepts and approaches, new products, services or business and organisational models)</p> <p>Appropriate consideration of interdisciplinary approaches and, where relevant, use of stakeholder knowledge.</p>	<p>The extent to which the outputs of the project would contribute to one or several of the expected impacts mentioned in the work plan under the relevant topic.</p> <p>Any substantial impacts not mentioned in the work plan, that would enhance innovation capacity, create new market opportunities, strengthen competitiveness and growth of companies, address issues related to climate change or the environment, or bring other important benefits for society;</p> <p>Quality of the proposed measures to:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Exploit and disseminate the project results (including management of IPR), and to manage research data where relevant. <input type="checkbox"/> Communicate the project activities to different target audiences 	<p>Quality and effectiveness of the work plan, including extent to which the resources assigned to work packages are in line with their objectives and deliverables;</p> <p>Appropriateness of the management structures and procedures, including risk and innovation management;</p> <p>Complementarity of the participants and extent to which the consortium as whole brings together the necessary expertise;</p> <p>Appropriateness of the allocation of tasks, ensuring that all participants have a valid role and adequate resources in the project to fulfil that role.</p>

-Scoring and weighting:

Unless otherwise specified in the call conditions:

- Each evaluation criteria will be scored out of 5
- Evaluation scores will be awarded for the criteria, and not for the different aspects listed in the above table.
- For the evaluation of first-stage proposals under a two-stage submission procedure, only the criteria 'excellence' and 'impact' will be evaluated. The threshold for both individual criteria will be 3.5.
- For each indicative budget-split in the call conditions, the overall threshold, applying to the sum of the two individual scores, will be set at the level such that the total requested budget of proposals admitted to stage 2 is as close as possible to three times the available budget, and in any case, not less than two and a half times the available budget.
- The actual level will therefore depend on the volume of proposals received. The threshold is expected to normally be set at least at 7 or 7.5 (stage 1).
- For full proposals, each criterion will be scored out of 5. The threshold for individual criteria will be 3. The overall threshold, applying to the sum of the three individual scores, will be 10.

Table 4. Score description for the evaluation criteria.

Score description for the evaluation criteria (half point scores may be given)		
0	weak	The proposal fails to address the criterion under examination or cannot be judged due to missing or incomplete information.
1	poor	The criterion is addressed in an inadequate manner, or there are serious inherent weaknesses
2	fair	While the proposal broadly addresses the criterion, there are significant weaknesses.
3	good	The proposal addresses the criterion well, although improvements would be necessary.
4	very good	The proposal addresses the criterion very well, although certain improvements are still possible.
5	excellent	The proposal successfully addresses all relevant aspects of the criterion in question. Any shortcomings are minor.

Evaluation procedure

- Individual Evaluation: Each eligible proposal is evaluated remotely by at least three expert evaluators (see Article 15 of the Horizon 2020 Rules for Participation Regulation no. 1290/2013), who carry out a technical evaluation on the basis of the criteria mentioned above. An Individual

Evaluation Report, which includes comments and scores for all evaluation criteria, is prepared by each evaluator.

- **Panel review:** after the remote individual evaluation, evaluators meet in a panel to discuss and find agreement on the initial comments and scores attributed to each proposal. They will prepare an Evaluation Summary Report (ESR) for each proposal, which shows the outcome of the evaluation of the project proposal.

The panel is also responsible for the preparation of a ranking list of the proposals by consensus. Project funding decisions will be taken on the basis of this ranking list. The panel configuration allows evaluators to have an overview of all eligible proposals, not just the one they have evaluated, which enables them to decide fairly when ranking the proposals.

In case of disagreement or in case of project proposals with the same score (only for two stage proposals), the panel shall determine the priority order for proposals described in the section below.

-Priority order for proposals with the same score:

The following method will be applied (except for the pre-proposal stage, where proposals having the same score are kept together and no prioritization is made).

If necessary, the panel will determine a priority order for proposals, which have been awarded the **same score** within the ranked list. Whether or not such a prioritization is carried out will depend on the available budget or other conditions set out in the call text. The following approach will be applied successively for every group of *ex ae-quo* proposals requiring prioritization, starting with the highest scored group, and continuing in descending order:

- a) Proposals that address topics, or sub-topics, not otherwise covered by more highly-ranked proposals, will be considered to have the highest priority.
- b) The proposals identified under (a), if any, will themselves be prioritized according to the scores they have been awarded for the criterion excellence. When these scores are equal, priority will be based on scores for the criterion impact.
- c) If necessary, any further prioritization will be based on the following factor; presence of SMEs, gender balance among the personnel named in the proposal who will be primarily responsible for carrying out the research and/or innovation activities.
- d) The panel may decide to further prioritize by considering how to enhance the quality of the project portfolio through synergies between projects, or other factors related to the objectives of the call or to PRIMA in general. These factors will be documented in the report of the Panel.
- e) The method described in (a), (b), (c) and (d) will then be applied to the remaining *ex ae quos* in the group.

At the end of the panel meeting, the panel will recommend a ranking list for the proposals under evaluation, following the scoring systems indicated above.

IX. Communication of evaluation results

Coordinators whose pre-proposal has been rejected will receive an Evaluation Summary Report (ESR) at the end of the first stage, showing the results of the evaluation.

The PRIMA-IS will notify applicants if their (pre-) proposal has been rejected because:

- it is found to be ineligible;
- it falls short of the relevant thresholds;
- it is too far down the ranking list to qualify for the limited amount of funding available;
- does not fulfil the ethical requirements, following an ethics review (see Article 13.3, of Horizon 2020 Rules for participation).

Coordinators whose pre-proposal has been successful will be invited to submit a full-proposal for stage 2 and will receive an ESR at the end of the second stage evaluation. A positive result **does not constitute a confirmed offer of a grant**.

In line with Article 6(10)(c) of Decision (EU) 2017/1324, the proposals will be ranked according to evaluation results after the full proposal evaluation step. The selection of proposals to be funded will be made by PRIMA-IS based on this ranking. However, since the funding of participants in the activities will be responsibility of PS and not PRIMA-IS, the respective PS will need to provide adequate funding in line with the national rules. In the event that one or more projects cannot be funded by the PS, PRIMA-IS may decide to select for funding the projects with a lower score, following them in the ranking list.

Applicants whose proposal is awarded for funding will receive a formal communication informing them that the grant preparation phase can start.

X. Project monitoring and reporting for funded projects

In addition to the specific requirements of the funding bodies, project coordinators will be required to provide a scientific and financial **mid-term report by Month 18 and a final report by Month 36 to PRIMA IS**. All project partners will have to deliver input for these reports. In addition, it will be expected to include evidence of impact in these mid-term and final reports (see the list of Key Performance Indicators in annex 3).

Detailed information on the reporting and monitoring procedures as well as templates will be provided to the coordinators of the funded projects in due course on the PRIMA website.

XI. Conditions related to open access to research data

Participants must be engaged in research data sharing, This means that beneficiaries should deposit and take measures to make it possible for third parties to access, mine, exploit, reproduce and disseminate, free of charge for any user:

(1) data needed to validate the results presented in scientific publications ('underlying data'); and (2) other data as specified by the beneficiaries in their Data Management Plan (DMP, see below).

Projects can "opt-out" of these provisions on the following grounds:

- a) Incompatibility with the need to protect results that are expected to be commercially or industrially exploited.
- b) Incompatibility with the need for confidentiality in connection with security issues.
- c) Incompatibility with rules on protecting personal data.
- d) Incompatibility with the project's main aim.
- e) If the project will not generate / collect any research data, or;
- f) If there are other legitimate reasons not to provide open access to research data.

A proposal will not be evaluated more favorably if the consortium agrees to share its research data, nor will it be penalized if it opts-out.

A Data Management Plan (DMP) details what data the project will generate, how it will be exploited and made accessible for verification and re-use, and how it will be curated and preserved. The use of a Data Management Plan is encouraged for all projects that do not opt-out. Projects that opt-out are also strongly encouraged to submit a Data Management Plan if relevant for their planned research.

XII. Specific additional information and relations between the beneficiaries and their funding bodies

Grant agreement

Each beneficiary will be funded directly by its own national funding body, therefore a grant agreement is concluded between each beneficiary and its national funding body. The rules applying for this agreement are the national rules set in the national regulations. The grant agreement will cover the entire duration of the project and must be synchronized in time (starting date of the activities and end of the project) between the different funding bodies involved in funding of the project.

Consortium agreement.

A consortium agreement is required and must be sent to all the funding bodies involved in the project. This consortium agreement must address at least:

- The repartition of the tasks between partners
- The sharing of the intellectual property rights of the project results
- The conditions of publication and dissemination of the results
- The technology transfer and the exploitation of the results
- Any specific requirements from a funding body

There is no template provided by the funding bodies for the consortium agreement.

The Project Coordinator

Each Consortium need to appoint a Coordinator, who will have the following role:

For the preparation and the submission of the proposal:

- Be the single point of contact between the PRIMA-IS secretariat and the consortium partners from proposal preparation to submission
- Ensure that all the partners involved in the consortium are eligible for participation
- Submit the Application Form on behalf of the Consortium

During the implementation of the project:

- Be the single point of contact between the PRIMA-IS secretariat / funding bodies and the consortium partners from proposal preparation to submission
- Be the single point of contact between the Funding bodies and the consortium partners in case of requiring a grant extension or scientific/managerial modifications
- Ensure the role of supervision of the project workflow with the help of WP leaders;
- Compile and submit the common reports/deliverables of the overall project to the funding bodies. The funding bodies will then send these documents to the PRIMA-IS secretariat.

The Coordinator will not be responsible for the financial management of PRIMA research funding, which will be handled directly between national beneficiaries and their national funding bodies in each participating country.

Project monitoring and reporting

In addition to the reporting required by the funding bodies, project coordinators will be required to provide a **mid-term report by Month 18** and a **final report by Month 36 to PRIMA IS**. All project partners will have to deliver input for these reports. In addition, it will be expected to include evidence of impact in these mid-term and final reports (see annex 3 for KPIs).

Detailed information on the reporting and monitoring procedures as well as templates will be provided to the coordinators of the funded projects in due course on the PRIMA website.

XIII. Call Secretariat – PRIMA-IS

The Call Secretariat located on the **PRIMA-IS**, will provide administrative support to applicants regarding the call, call documents and procedures.

Project Officers :

For Management of water : Marco Orlando

Phone: +34 93 401 08 40

e-mail: marco.orlando@prima-med.org

For Farming Systems : Fabrice Dentressangle

Phone: +34 93 401 18 41

e-mail: fabrice.dentressangle@prima-med.org

For Agro food value chain : Anabel de la Peña

Phone: +34 93 401 08 81

e-mail: anabel.delapena@prima-med.org

XIV. National Contact Points

Besides the Call Secretariat, each country has nominated representatives at national level as National Contact Point (NCP). These representatives give support to the applicants and are the primary points of contact for all general matters related to the calls, and can act as a link between PRIMA and the coordinator of the project.

A list of the National Contact Point list is provided in Annex 1.

XV. Use of the Electronic Submission System

The Proposal submission occurs online via ESS. PLEASE READ CAREFULLY THE ELECTRONIC SUBMISSION SYSTEM HANDBOOK FOR MORE INFORMATION.

It is the duty of the coordinator to enter the data online.

Information about the coordinator (and about every partner of the consortium, which they can fill themselves after the coordinator has created the partner profiles for them):

- Title;
- E-mail address;
- First Name;
- Family Name;
- Status of Organisation;
- Name of Organisation;
- Department;
- Country;
- Street;
- Zip/Postal Code;
- Town/City;
- Telephone Number;

The ESS will ask for the following information:

- Project Title;
- Project Acronym;
- Project duration
- Topic;
- Keywords. You can select predetermined keywords for main topic selected or add any new keyword;
- Abstract (max. 2000 characters);
- Documents. You can upload the required documents (Scientific document, budget table, CVs, in pdf or excel files). Max allowed file size: 10 MB;
- For step 1 (pre-proposal stage) the ESS will ask you for the total cost / partner and the requested amount to PRIMA / partner. For information Total cost = requested amount to PRIMA + own funding;
- Note that for step 2 (full proposal stage), a detailed budget will be asked for each partner.

The project coordinator has to list all partners of the consortium. After having entered the required information, each partner will receive a confirmation email and will be able to edit his/her administrative and financial data.

Annex 1: List of National Contact Points

Country	Funding body	NCP surname	NCP name	E mail	phone Number
ALGERIA	General Directorate for scientific research and technological development (DGRSDT)	Bouchicha	Mohamed	m.bouhicha@mesrs.dz	+21321270565 / +213555722577
CROATIA	Ministry of Science and Education	Čokešić	Mirela	Mirela.Cokesic@mzo.hr	+38514594209
CYPRUS	Research Promotion Foundation, Research and Innovation Projects Unit	Chrysafi	Rebecca	rchrysafi@research.org.cy	+357-22205041
CYPRUS	Research Promotion Foundation, Research and Innovation Projects Unit	Paraskeva	Marilena	marilena@research.org.cy	+357-22205023
EGYPT	PRIMA National contact point for EGYPT	El-Sadr	Zeinab	prima.mosr@gmail.com	00202 27927368/69
EGYPT	Academy of Scientific Research and Technology (ASRT)	Radwan	Amr	amm@sti.sci.eg	00202 27920126
EGYPT	Academy of Scientific Research and Technology (ASRT)	Essawi	Salma	sme@sti.sci.eg	00202 27920126
EGYPT	Science and Technological Development Fund (STDF)	El Shaer	Marwa	marwaelshaer@hotmail.com	00201 222174699
FRANCE	French National Research Agency (ANR)	Héral	Maurice	maurice.heral@anr.fr	+33 1 78 09 80 33
FRANCE	French National Research Agency (ANR)	Treignier	Claire	claire.treignier@anr.fr	+33 1 78 09 80 33
GERMANY	Project Management Agency c/o German	Dr. Ditgens	Birgit	prima@dlr.de	+49 228 3821 - 2396

	Aerospace Center (DLR PT)				
GERMANY	Project Management Agency c/o German Aerospace Center (DLR PT)	Wirsing	Birgit	prima@dlr.de	+49 228 3821 - 2396
GREECE	General Secretariat for Research and Technology	Dr. Koniaris	Marios	m.koniaris@gsrt.gr	+30 210 74 58 094
GREECE	General Secretariat for Research and Technology	Dimitropoulou	Sofia	s.dimitropoulou@gsrt.gr	+30 210 74 58 187
ISRAEL	Israel Innovation Authority	Mrs. Karniol	Ayala	ayala@iserd.org.il	+972-3-5118119
ITALY	Ministero dell'istruzione, dell'università e della ricerca MIUR	Covello	Aldo	aldo.covello@miur.it	(+39) 06 5849 6465
ITALY	Ministero dell'istruzione, dell'università e della ricerca MIUR	Gliozzi	Chiara	chiara.gliozzi@miur.it	(+39) 06 5849 7288
JORDAN	Scientific Research Support Fund	Amawi	Omar	omaramawi@hotmail.com ; o.amawi@hcst.gov.jo	0096265335288, Mobile 00962776756675
JORDAN	Scientific Research Support Fund	Smadi	Rasha	rasha.s@hcst.gov.jo	
LEBANON	Conseil National de la Recherche Scientifique CNRS-L	Noujeim	Elise	enjeim@cnrs.edu.lb	
LEBANON	CNRS-L : Conseil National de la Recherche Scientifique	Atweh	Rula	rula.atweh@cnrs.edu.lb	
LUXEMBOURG	Luxembourg National Research Fund (FNR)	Dr. Burg	Helena	Helena.burg@fnr.lu	+352 26192555
MALTA	Malta Council for Science And Technology	Muscat Terribile	Corinne	corinne.muscat-terribile@gov.mt	+356 23602 126/142
MOROCCO	State Secretariat for Higher Education and Scientific Research	Afifi	Abdel-Ilah	afifi@enssup.gov.ma / abdelilahafifi20@gmail.com	00 212 5 37 21 75 52
MOROCCO	State Secretariat for Higher Education and Scientific Research	Mouradi	Abdelhak	a.mouradi@enssup.gov.ma / abmouradi@gmail.com	00 212 5 37 21 76 49

MOROCCO	State Secretariat for Higher Education and Scientific Research	Chokairi	Anas	chokairi.anas@gmail.com	00 212 5 37 21 76 53 / 00 212 6 72 21 03 57
PORTUGAL	Foundation for Science and Technology (FCT)	Pereira	Ricardo	ricardo.pereira@fct.pt	+351 21 392 44 79
PORTUGAL	Foundation for Science and Technology (FCT)	Maia	Maria	maria.maia@fct.pt	+351 21 391 15 43
SLOVENIA	Ministry of Education, Science and Sport	Tea Darka	Glažar	tea.glazar@gov.si	+386 1 478 4762
SPAIN	National Institute for Agricultural and Food Research and Technology (INIA)	Escudero	Jesús	jesus.escudero@inia.es	91 347 39 79
SPAIN	Centro para el Desarrollo Tecnológico Industrial (CDTI) For section 1 calls	Conde	Marta	marta.conde@cdti.es	91 581 55 00 / 91 581 55 94
SPAIN	Centro para el Desarrollo Tecnológico Industrial (CDTI) For section 2 call	Tomas	Maria Jose	tomas_mariajose@cdti.es	91 581 55 02 / 91 581 55 00
SPAIN	Agencia Estatal de Investigacion (AEI) For administrative matters	Chojnacka	Justyna	prima@aei.gob.es	+34916038728
SPAIN	Agencia Estatal de Investigacion (AEI) For scientific matters	Intrigliolo	Diego	prima@aei.gob.es	+34656682880
TUNISIA	Institution de la Recherche et de l'Enseignement Supérieur Agricoles (IRESA)	Rhouma	Ali	ali.rouma@gmail.com	21698278938
TUNISIA	Ministère de l'Enseignement Supérieur et de la Recherche Scientifique(MESRS) - Direction Générale de Valorisation de la Recherche	Mediouni Meknessi	Meriem	meriem.mediouni.meknassi@gmail.com	(+216) 58 479 506

TUNISIA	Ministère de l'Enseignement Supérieur et de la Recherche Scientifique(MESRS) - Direction Générale de la Recherche Scientifique	Mastouri	Ikbel	mastouri.ikbel@gmail.com	(+216) 58 480 538
TUNISIA	Ministère de l'Enseignement Supérieur et de la Recherche Scientifique(MESRS) – Agence Nationale de la Promotion de la Recherche Scientifique	Boussaid	Souad	souad.boussaid@gmail.com	(+216) 96 223 806
TURKEY	The Scientific and Technological Research Council of Turkey (TUBITAK)	Demir	Nur Eda	eda.demir@tubitak.gov.tr	+90 312 298 1622

Annex 2: Timeline for the call in Section 2

Important events	Date
STEP 1 (Pre-proposals)	
Pre-announcement publication	15 th January 2018
Announcement publication	8 th February 2018
Opening of the EES	27 th february 2018 (estimated)
Deadline for Pre-Proposals submission	27th March 2018 17h00
Publication of results and communication to coordinators	6 th June 2018
STEP 2 (Full-Proposals)	
Writing and development of the full proposals	6 June - 4 September 2018
Opening of the EES	4 th August 2018 (estimated)
Deadline for full proposals submission	4th September 2018
Publication of results and communication to coordinators	5 th December 2018
CA & GA signature	From the 5 th December 2018

Annex 3: Key Performance Indicators

PRIMA programme will be implemented in compliance with the objectives and provisions set out in the Decision (EU) 2017/1324 and will be based on the priorities described in the PRIMA Strategic Research and Innovation Agenda (SRIA).

The successful implementation of the PRIMA programme will be measured against specific key performance indicators (KPIs), which have been set out in the SRIA.










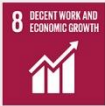



PRIMA is expected to have significant impact in the Mediterranean area.

The most important assessment criteria will be the ability of the PRIMA programme to develop and eventually adopt innovative and sustainable solutions for water management and provision and agro-food systems contributing to the implementation of UN Agenda 2030 for Sustainable Development.

Potential socio-economic benefits include creation of new jobs, increased competitiveness of companies in both shores of the Mediterranean area, social and environmental impacts.

Here is reported a table containing the PRIMA KPIs that will measure the PRIMA expected impacts

Consortia shall consider in their proposal how and to which extent it will contribute to the targeted research and innovation objectives of the PRIMA programme and to its overall expected impacts.

IMPACT INDICATORS		
General goals	KPIs	SDGs implementation ¹
	 <p>Innovation for MANAGEMENT OF WATER</p>	<ul style="list-style-type: none"> • Number of applied R&I solutions to the challenges of water management • SDG#6 - 06.21 Biochemical oxygen demand in rivers; • SDG#6 - 06.24 Nitrate in groundwater • SDG#6 - 06.26 Phosphate in rivers every year • SDG#6 - 06.41 Water exploitation index (WEI) 
	 <p>Innovation for FARMING SYSTEMS</p>	<ul style="list-style-type: none"> • SDG#2 - 2.4.1 Proportion of agricultural area under productive and sustainable agriculture • SDG#2 - 2.5.2 Proportion of local breeds classified as being at risk, not-at-risk or at unknown level of risk of extinction • SDG#11 - 11.3.1 Ratio of land consumption rate to population growth rate.  
	 <p>Innovation for AGRO-FOOD VALUE CHAIN</p>	<ul style="list-style-type: none"> • SDG#12 - 12.3.1 Global food loss index • Percentage increase in Mediterranean agro-food products exported • Percentage decrease in Food imports dependency (%imports/consumption) 
	 <p>Economic Growth/ Competitiveness</p>	<ul style="list-style-type: none"> • New water and food quality oriented business models and strategies • Start-ups created adopting organisational and technological innovation • SDG#10 - 10.2.1 Proportion of people living below 50 per cent of median income, by sex, age and persons with disabilities • SDG#8 - 8.1.1 Annual growth rate of real GDP per capita  
	 <p>Diet/Health/Well-being</p>	<ul style="list-style-type: none"> • Decrease in overweight population percentage (of which obese) by sex and by Country • SDG#6 - 6.1.1 Proportion of population using safely managed drinking water services 
	 <p>Migration</p>	<ul style="list-style-type: none"> • Multidimensional Poverty Index (SDG) by Country ^{2,3}

¹ Sachs, J., Schmidt-Traub, G., Kroll, C., Durand-Delacre, D. and Teksoz, K. (2017). *SDG Index and Dashboards Report 2017*.

² Alkire, S., Apablaza, M., and Jung, E. (2014). *Multidimensional poverty measurement for EUSILC countries*. OPHI Research in Progress 36b.

³ Alkire, S. and Robles, G. (2017). *Multidimensional Poverty Index Summer 2017: Brief methodological note and results*. OPHI Methodological Note 44, University of Oxford.

SDG. Sustainable Development Goals : <https://sustainabledevelopment.un.org/?menu=1300>

Thematic Areas and Priorities	 <p>1/MANAGEMENT OF WATER</p> <ol style="list-style-type: none"> 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.
	 <p>2/ FARMING SYSTEMS</p> <ol style="list-style-type: none"> 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.
	 <p>3/ AGRO-FOOD VALUE CHAIN</p> <ol style="list-style-type: none"> 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.