



## **FACCE-JPI Call for proposals**

### **FACCE SURPLUS Sustainable and Resilient agriculture for food and non-food systems Call Announcement**

Submission of the pre-proposal on  
[www.submission-faccejpi.com](http://www.submission-faccejpi.com)  
**Deadline: 04.03.2015, 14:00 CET**

Submission of the full proposal on  
[www.submission-faccejpi.com](http://www.submission-faccejpi.com)  
**Deadline: 01.09.2015, 14:00 CET**

Please visit us on the website  
<http://www.faccejpi.com>  
or contact the FACCE-JPI Call Office:  
+49 2461 61 9031  
[ptj-faccejpi@fz-juelich.de](mailto:ptj-faccejpi@fz-juelich.de)

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*The Joint Programming Initiative on Agriculture, Food Security and Climate Change (FACCE-JPI) brings together 21 countries that are committed to build an integrated European Research Area addressing the interconnected challenges of sustainable agriculture, food security and impacts of climate change. FACCE-JPI provides and steers research to support sustainable agricultural production and economic growth, to contribute to a European bio-based economy, while maintaining and restoring ecosystem services under current and future climate change. It aims to do so with a strong transdisciplinary research base, encompassing economic and social aspects in addition to scientific ones, and with a creative approach towards the alignment of national programmes and the input of multiple actors and stakeholders.*

*The integrated [FACCE-JPI strategic research agenda](#) defines 5 core research themes:*

- 1• Sustainable food security under climate change, based on an integrated food systems perspective: modeling, benchmarking and policy research perspective*
- 2• Environmentally sustainable growth and intensification of agricultural systems under current and future climate and resource availability*
- 3• Assessing and reducing trade-offs between food production, biodiversity and ecosystem services*
- 4• Adaptation to climate change throughout the whole food chain, including market repercussions*
- 5• Greenhouse gas mitigation: nitrous oxide and methane mitigation in the agriculture and forestry sector, carbon sequestration, fossil fuel substitution and mitigating GHG emissions induced by indirect land use change*

*These core research themes are progressively being taken into account by national research agendas in view of aligning national programmes where much research is already undertaken, and inspire pilot joint actions on topics where research is lacking.*

*In order to implement this SRA and as a first activity under Core Theme 2 (environmentally sustainable growth and intensification of agriculture), FACCE-JPI partners are launching the present joint call, co-funded by the EU, as described in this Call Announcement, with a total available budget of approximately 15 million €.*



# 1. Scientific scope and aims of the call

(See also the [annex](#) for a more detailed description)

Global food security, the use of renewable raw materials and production of energy from biomass are three of the “Great Challenges” for the 21<sup>st</sup> century. In line with the European Bioeconomy Strategy<sup>1</sup>, better use of biomass and waste from plant and animal terrestrial and aquatic production systems is a fundamental aim to fulfil human needs while preserving natural resources and biodiversity. All economic actors that produce, manage and otherwise exploit biological resources, including agricultural and other land based activity *in its widest sense*, such as in the food, animal feed, farmed fish and forest-based chains, as well as parts of the chemical, biotechnological and energy industries, should be considered as a whole in the bioeconomy. The concept extends beyond technological innovation to present new opportunities for organisational innovation in the development of novel production chains that will contribute to improve life for all.

A managed transition towards radically improved food and non-food systems by 2050 will be needed to make the most efficient and sustainable use of land and other natural resources. Fractionation and conversion of one bio-based product into another and cascading of nutrients, sometimes known collectively as the “circular bio-economy”, presents a new way of describing biological production and processing systems. Options for utilising all the biomass from agricultural land, uncultivated land and forestry with a holistic view, taking into account both food and non-food systems, are required to reach a sustainable intensification of agricultural production. Also, considering the growing demand for bio-based products, new bio-technologies and industrial processes, needs and opportunities of SMEs and intermediate sized businesses should not be overlooked.

Only resilient agricultural systems allowing growth and intensification of agriculture under the increasing stress of climate change, new pests and disease outbreaks and other environmental pressures and preserving biodiversity and ecosystem services will permit us to address the above-mentioned challenges adequately. Modeling is necessary to develop insights into the range of possible agricultural solutions and the resulting systems of production for any given agro-climatic zone and land typology. There is also a need for environmental sustainability indicators to assess other trade-offs between environmental and production deliverables for any particular agricultural system as biomass production increases under sustainable intensification.

The present call for proposals aims at improving collaboration and cooperation across the European Research Area in the areas of diverse, but integrated, food and non-food biomass production and transformation systems, including biorefining. It aims as well at supporting innovation and value creation from biomass and biorefineries in synergy with the environmentally sustainable intensification of agricultural and other biomass production taking into account the required economic, environmental and social conditions and resilience to climate change.

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<sup>1</sup> COM (2012) 60 final : [Innovating for Sustainable Growth : A Bioeconomy for Europe](#)

Finally, transitions in farming systems towards sustainable intensification, and/or high nature value need to be integrated into the broader perspective of a bioeconomy that will combine the simultaneous production of food, fibres, feed, bio-chemicals, raw materials and bio-energy from biomass over a territory, the recycling of wastes and the utilisation of by-products and co-products. Holistic value chains need to be developed through the integration of industries across rural regions and cities. Alternative agricultural systems which are currently being developed and studied in (and outside) Europe should be compared with each other and networks of study sites developed to test holistic sustainable intensification metrics at farm, landscape and national scales.

The scientific scope of the present call for proposal addresses collaborative projects in three research areas (Technology Readiness Level: 1-6) which are incorporated into the following three subthemes of this call, namely:

**Subtheme 1: Spatial targeting of land use to increase biomass production and transformation**, stimulating the growth of systems for the efficient utilisation of green (plant) biomass cascading through novel transformations.

**Subtheme 2: Developing markets** for a wide range of products and services generated through integrated food and non-food systems.

**Subtheme 3: Sustainable intensification of integrated food and non-food systems of agriculture**, by developing integrated, systems-based approaches to land management.

Each research project proposal must include a plan for disseminating the results to aim at higher levels of technological readiness (in links with other initiatives<sup>2</sup>). Research projects in the fields of the three subthemes will often combine field research with modelling, scenario development and/or pilots. Where appropriate it is recommended that reference is made to the models developed in the Knowledge Hub MACSUR.

Cross-disciplinary projects will be given priority. Instead of focusing on individual features, projects should, for example, not only encompass methodologies for increasing yield and productivity, but also include other components essential for further processing agricultural outputs into high-quality marketable products and incorporating aspects of environmentally sustainable production (soil fertility, water quality, biodiversity etc.) as integral aspects of the project. If possible, inclusion of SMEs in the consortia is favourable in order to strengthen a comprehensive value chain approach.

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<sup>2</sup> E.g. Bio-Based Industries, Bioeconomy platform of the KIC Climate...

## 2. General explanations

### 1. Call process

The call process will be carried out online on the

**[FACCE-JPI Submission Tool: www.submission-facceji.com](http://www.submission-facceji.com)**

The application process consists of two separate and consecutive steps:

- First step: The project coordinator of an applying research consortium has to submit a pre-proposal on behalf of the consortium, providing key data on the future project proposal. The **deadline for the submission of the pre-proposal is 04.03.2015, 14:00 CET<sup>3</sup>**. After an eligibility check and an evaluation of the pre-proposals, selected pre-proposals will be invited to submit a full proposal.
- Second step: Submission of a full proposal by the applying consortium. The **deadline for full proposal submission is 01.09.2015, 14:00 CET**.

The [Annexes](#) of this document provide the contact information of the National Contact Persons (NCPs) in each participating country/region and the National Regulations. **It is required that each partner in a consortium contacts his/her NCP(s) to be informed about the rules in his/her country/region prior to submission of a pre-proposal and a full proposal.**

### 2. Timeline

<b>07.01.2015</b>	<b>Call opening</b>
<b>First step: submission of pre-proposals</b>	
<b>04.03.2015, 14:00 CET</b>	<b>Deadline for pre-proposal submission</b>
<b>18.06.2015</b>	<b>Communication of eligibility check and evaluation outcomes to the research project coordinators– Start of step 2</b>
<b>Second step: submission of full proposals</b>	
<b>01.09.2015, 14:00 CET</b>	<b>Deadline for full proposal submission</b>

<sup>3</sup> CET: Central European Time (e.g. Brussels). Here is provided a link to the World Clock: <http://www.timeanddate.com/worldclock/>

Evaluation of the full proposals	
03.12.2015	Communication of the evaluation outcomes and the funding recommendation to the research project coordinators
From January 2016: Start of research projects (depends on national/organisational rules and negotiation)	

### 3. Definitions

#### **Steering Committee (SC):**

The Steering Committee is the decision-making body in the framework of this call. It is composed of representatives from the participating funding organisations.

#### **FACCE-JPI Call Office:**

The Call Office, hosted by *Projektträger Jülich, Forschungszentrum Jülich GmbH*, Germany, is the central contact point for applicants regarding all technical and general issues of the submission. The FACCE-JPI Call Office will be available in general during business days from 09:00 to 16:00 CET. Beyond this timeframe, it is recommended to contact the Call Office [electronically](mailto:ptj-faccejpi@fz-juelich.de) via email: [ptj-faccejpi@fz-juelich.de](mailto:ptj-faccejpi@fz-juelich.de).

#### **National Contact Person (NCP):**

Each participating funding organisation in this call has nominated NCP(s) to provide information on national/organisational funding rules and procedures. It is required that each partner in a consortium contacts his/her NCP(s) prior to the submission of pre-proposals.

### 4. Participating countries

The following funding organisations are participating in this call:

Country		Organisation	Estimated Budget (€) <sup>4</sup>
Belgium - Flanders		Agency for Innovation by Science and Technology - Flanders (IWT)	1 785 000
Belgium – Flanders		Research Foundation - Flanders (FWO)	240 000
Belgium – French-speaking Community		Fonds National de la Recherche Scientifique - French-speaking Community (FNRS)	240 000
Cyprus		Research Promotion Foundation (RPF)	240 000
Denmark		InnovationsFonden (InnoFond)	1 190 000
Estonia		Ministry of Agriculture (EVPM)	120 000
Finland		Ministry of Agriculture and Forestry (MMM)	240 000
France		Agence Nationale de la Recherche (ANR)	1 190 000
France		Institut National de la Recherche Agronomique (INRA)	240 000
Germany		Federal Ministry of Education and Research (BMBF)	1 190 000
Germany		Federal Office for Agriculture and Food (BLE)	600 000
Italy		Ministry of Agricultural, Food and Forestry policies (MIPAAF)	120 000
Italy		Ministry for Education, University and Research (MIUR)	600 000
Norway		The Research Council of Norway (RCN)	1 190 000
Poland		The National Centre for Research and Development (NCBR)	600 000
Romania		Executive Agency for Higher Education, Research, Development and Innovation Funding (UEFISCDI)	600 000
Spain		Instituto Nacional de Investigación y Tecnología Agraria y Alimentaria (INIA)	360 000
The Netherlands		Netherlands Organisation for Scientific Research (NWO)	2 080 000
United Kingdom		Department for Environment, Food and Rural Affairs (DEFRA)	1 190 000

<sup>4</sup> Financial commitment of the organisation + estimated top-up from the EU.



Applicants from countries/regions listed above may apply for funding from funding organisations in their own countries/regions.

Non-eligible applicants (including applicants from other countries) may participate in research consortia at their own expense or with a separate source of funding. In both cases, evidence of the commitment of this must be provided upon submitting the pre-proposal (see [Annex](#)).

Applicants should note that, in some countries, several funding organisations participate in the call with different organisational rules and priorities. In these countries also, applicants must pay attention to the [National Regulations](#) and contact the [NCPs](#).

The indicative total available budget amounts to 15 M€. It is expected that 8 to 13 projects will be funded within the framework of this call. Nonetheless, this does not preclude from selecting a higher number of proposals.

## 5. Project coordinators' responsibilities

The research project coordinator

- will **lead the consortium** throughout the application procedure and is fully responsible for the overall project coordination. The coordinator is especially responsible for the correct submission of the pre-proposal and full proposal in due time.
- **ensures that all partners**
  - ✓ fulfil the requirements stated in this Call Announcement and national/organisational requirements and criteria as stated in the [National Regulations](#) and/or communicated by the [NCPs](#),
  - ✓ provide the necessary information and formalities as required and
  - ✓ participate actively in the proposal preparation, by doing their best to guarantee the project eligibility and quality.
- will be the **central contact point** for the Steering Committee during the lifespan of the research project (from application till the end of the research project). Accordingly, the research project coordinator is responsible for **sharing all information** with his/her consortium partners. S/he also has to ensure the sound development of the funded project as planned in the proposal until its ending.
- is responsible for the [monitoring and reporting](#) of the project.

## 6. Confidentiality & Conflict of Interest

FACCE-JPI ensures complete confidentiality to applicants, i.e. the proposals will only be read by the national/regional funding organisations and the mandated experts responsible for the eligibility check and evaluation of the proposal. Experts appointed for the evaluation will sign a confidentiality agreement and will be asked to declare any conflict of interest. The proposals will be handled by the FACCE-JPI Call Office.

Only the **publishable information** as listed in chapter 2.7 will be published at the end of the process.

In order to avoid individual conflicts of interest, the applicants are encouraged to provide in the pre-proposal up to three names of experts who should not evaluate their proposal.

## 7. Publishable data

A list of the funded projects will be published at the end of the call process (once the projects have been selected). Therefore applicants should be aware that the **following information from the proposals may be published** by FACCE-JPI for promotional purposes:

- Project Title and Project Acronym
- Duration of the project
- Total costs and total funding of the research project
- Organisation name and country of each partner
- Name of the Project Coordinator
- A short publishable summary of the project (will be requested for full proposal submission)

## 3. Eligibility criteria (mandatory for each application)

The following criteria are mandatory and must be fulfilled for the eligibility of any pre-proposal **and** full proposal:

## 1. Scope

- The proposed research project must be consistent with the [scope of this call](#) and with the national/organisational thematic priorities of the countries/regions involved in the project. National/organisational priorities are described in the National Regulations and/or can be communicated by the NCPs.
- The proposed project must relate to (at least) one of the three sub-themes listed in the [scope of this call](#).
- The scope or scale of the proposed research project should exceed a single country. Furthermore, the proposals should strive to be balanced between the countries involved in the project as far as the volume of work is concerned.
- The proposal should not overlap with on-going or completed projects funded by other instruments, programmes or projects.

## 2. Consortium composition

- The project proposal must involve **eligible partners requesting funding (required funding > 0 €) for the proposed project from at least three countries participating in the call**. The eligibility of a partner can be assessed by checking the [National Regulations](#) and contacting the [NCPs](#): each partner in an applying consortium **must contact his/her NCP(s)** before pre-proposal submission in this regard.
- There is no upper limit of eligible consortium size. Consortia may involve as many partners as necessary to achieve the project goals. However, applicants should be aware that a higher number of represented countries in a consortium will not automatically result in a positive evaluation of the proposal. There is also no upper limit of partners from the same country, unless stated otherwise in the [National Regulations](#).
- The **coordinator** is employed by an eligible organisation from one of the [countries/regions participating in this call](#).
- Partners who are not eligible for funding, including partners from countries not participating in this call may participate at their own expense or if they have their own separate source of funding (see [Annex C](#)). They have to follow the rules given in this Call Announcement. Research partners from countries participating in the call may participate at their own expense as well, provided they follow the rules given in this Call Announcement and the research consortium as a whole comprises eligible partners requesting funding from at least three different countries participating in the call.

### 3. Budget

The project costs for individual project proposals are not restricted; it must meet the project goals. [National Regulations](#) must be also consulted in this regard.

The total amount of funding requested from a funding organisation in a proposal may not be higher than the available budget for this organisation. The budgetary issues, including potential restrictions for funding should be checked in the [National Regulations](#) and by contacting the [NCPs](#).

### 4. Project duration

The project **duration is up to three years** (36 months).

The earliest possible start date for projects recommended for funding is January 1<sup>st</sup>, 2016. **All projects must be completed by April 30<sup>th</sup>, 2019.**

Additional national/organisational regulations may apply to permitted lengths, possible start and end date of projects. Applicants must pay attention to the [National Regulations](#) and contact their NCP(s) regarding these issues.

### 5. Submission

- The pre-proposal and the full proposal must be submitted correctly and completely before the respective deadlines via the FACCE-JPI Submission Tool ([www.submission-faccejpi.com](http://www.submission-faccejpi.com)) according to the [Application procedure](#) and the Guidelines for proposal submission (which are published in the submission tool by call opening). Applicants should note that failure to comply with the submission rules will cause ineligibility of the project and therefore exclusion from the application process.
- The proposal must be written in English.

**Each pre-proposal submitted correctly and on time will be checked for eligibility as a whole. This means that failure of one partner within the consortium to meet the criteria could cause the entire project to be rejected.**

The **above criteria apply to all partners**. These represent the minimal requirements and do not exclude more specific criteria. Partners from countries/regions participating in the call **must also meet the national/organisational criteria as outlined in the National Regulations**. Details can be requested from the NCP.

## 4. Application procedure

The whole call process will be carried out online on the [FACCE-JPI Submission Tool](#) using the provided templates and online forms.

**The application process comprises two steps:**

### 1. First step

**In a first step**, the research project coordinator creates an account on the [FACCE-JPI Submission Tool](#) and submits electronically a **pre-proposal** with information on the project consortium and a brief description of the proposal. A description of the pre-proposal format is provided in the [annex](#) (this description is provided only for information). Applicants should note that [core data](#) are fixed at this stage. In particular, the funding requested by each partner cannot be increased in the second stage. Further technical information on the submission of the pre-proposal is provided in the Guidelines for submission – Step 1.

It is possible to update and submit as many times as estimated necessary the pre-proposal until the submission deadline (04.03.2015, 14:00 CET). Applicants should also note that the system may experience high traffic volumes in the last hours before the submission deadlines; therefore it is best to submit well in advance.

No other document is accepted at this stage. Irrespective of this, the participating funding organisations may require additional documents according to their national/organisational regulations, but these issues shall be handled directly with the respective participating funding organisation. **The submission of a pre-proposal is mandatory**; it is not possible to enter the application procedure at a later stage. The information given in the pre-proposal will be used to check for eligibility, to find appropriate reviewers and to evaluate the proposal.

For any technical questions regarding the submission, please contact the [FACCE-JPI Call Office](#).

### 2. Second Step

**The second step** of the application consists of the submission of a more extensive full proposal. Only research consortia which successfully passed the first step will be invited to submit a full proposal and get access to the [FACCE-JPI Submission Tool](#) again.

The [core information](#) (see section 3 below) provided in the pre-proposal will be automatically imported into the full proposal and cannot be changed in the second step.

Full proposals that are correctly and completely submitted before the deadline (01.09.2015, 14:00 CET) will be subjected to a peer review evaluation by a panel of international experts. A description of the full proposal format is provided in [Annex](#) and will be updated in the Guidelines for submission – Step 2 (to be published before the opening of the second step).

### 3. “Core” data

Core data of the project proposals are:

- Project title
- Acronym
- Subtheme
- Duration, including expected project start and end
- Consortium composition, i.e. organisation name, type and country for each partner
- Project Coordinator
- Total funding requested for each partner<sup>5</sup>

**This information is imported at the beginning of the second step as provided in the pre-proposal and cannot be changed in the full proposal** (core data are also marked in the [full proposal template](#)).

## 5. Evaluation

### 1. Eligibility check and evaluation of the pre-proposals

Pre-proposals that are submitted correctly and within the deadline will be checked for eligibility. The eligibility check will focus on the [eligibility criteria](#) and national/organisational requirements, including the national/organisational priorities (see [National Regulations](#)).

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<sup>5</sup> The total funding requested by a partner may decrease, but may not increase. However, the distribution of project costs among the different cost categories (consumables, travel...), may differ between pre- and full proposal

Pre-proposals that meet the eligibility criteria will be peer-review evaluated and ranked by a panel of international experts and external reviewers according to the following criteria:

- Relevance to the scope of the call in the context of the [FACCE-JPI Strategic Research Agenda](#) Core Theme 2
- European added value
- Potential scientific and/or technological excellence

Each expert is independent of any funding organisation involved in this call and the Steering Committee will ensure that no Conflict of Interest exists concerning the proposal evaluated. Each proposal will be reviewed by at least three experts/reviewers.

Following this, the Steering Committee will select proposals for the second application step. Applicants should be informed that while performing this selection, the Steering Committee will make sure that the **oversubscription factor<sup>6</sup> of each funding organisation expected in the full proposals may not be higher than 3.**

Based on the above process, selected research consortia will be invited to submit a full proposal. Project coordinators will be informed of the outcome electronically by the FACCE-JPI Call Office.

## 2. Evaluation of the full proposals

Full proposals that are submitted correctly and within the deadline will be peer review evaluated by a panel of international experts and external reviewers. Each expert is independent of any funding organisation involved in this call and no Conflict of Interest must exist to the proposal evaluated. Each proposal will be reviewed by at least three experts/reviewers. The composition of the evaluation panel will be published on [www.faccejpi.com](http://www.faccejpi.com) after the funding decision.

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<sup>6</sup> Oversubscription factor: the ratio between the total requested funds from all the applicants from a given country or region, and the amount available for the corresponding funding agency in that call (see budget table [here](#)).

The panel ranks the proposals based on the following criteria:

Overall score (Threshold 10/15)		
Excellence : “Scientific and/or technological excellence - Quality of the transnational project “ (Threshold 3/5)	Impact : “Potential impact” (Threshold 3/5)	Implementation: “Quality and efficiency of the implementation and management” (Threshold 3/5)
<p>Sound concept, and quality of objectives</p> <p>Progress beyond the state-of-the-art</p> <p>Quality and effectiveness of the S/T methodology and associated work plan</p> <p>Relevance to the concept of bioeconomy</p>	<p>Contribution to the advancement of knowledge and innovation approaches and socio-economic aspects of the bioeconomy at European and regional levels</p> <p>Achievement of critical mass and better use of limited resources in fields of mutual interests</p> <p>Appropriateness of measures for spreading excellence, exploiting results and disseminating knowledge through engagement with stakeholders and the public at large of transnational project’s results, and management of intellectual property</p>	<p>Appropriateness, quality and efficiency of the management structure and procedures</p> <p>Quality and relevant experience of the individual applicants, including interdisciplinarity</p> <p>Quality of the consortium as a whole (including complementarity, balance)</p> <p>Appropriateness of the allocation and justification of the resources to be committed (budget, staff, equipment ...)</p> <p>Project feasibility and timeliness</p>

Evaluation scores will be awarded globally for each of the three criteria, but not at the level of the sub-criteria. The sub-criteria are issues which the expert should consider in the assessment of that criterion. They also act as reminders of issues to rise later during the discussions of the proposal. Each criterion will be scored out of 5.



The scores indicate the following with respect to the criterion under examination:

*0 - The proposal fails to address the criterion or cannot be assessed due to missing or incomplete information.*

*1 - Poor. The criterion is inadequately addressed, or there are serious inherent weaknesses.*

*2 - Fair. The proposal broadly addresses the criterion, but there are significant weaknesses.*

*3 - Good. The proposal addresses the criterion well, but a number of shortcomings are present.*

*4 - Very Good. The proposal addresses the criterion very well, but a small number of shortcomings are present.*

*5 - Excellent. The proposal successfully addresses all relevant aspects of the criterion. Any shortcomings are minor.*

The **threshold** for individual criteria will be **3**. The overall threshold, applying to the sum of the three individual scores, will be **10**.

At the end of the evaluation process, the evaluators will decide on one final ranking list of proposals.

### 3. Funding recommendation

Based on the ranking of the full proposals described above, projects will be recommended for national/organisational funding by the Steering Committee. The outcome of this process will be communicated by the Call Office to the proposal coordinators, who will then have to inform their partners respectively.

Formal funding decisions are made by the participating funding organisations. The funding recommendation is irrevocable and therefore no redress procedure is possible.

## 6. After the funding recommendation

### 1. Negotiation of grant agreements / Project funding

- After a positive funding recommendation, the project partners must directly contact their NCP in order to start the contract negotiation and accomplish the remaining steps until the research project can start. The project coordinator is responsible for synchronising the project start with his/her partners.

- The funding of a project is provided based on the virtual common pot scheme, meaning that each funding organisation will fund its own national/regional partner(s) within the project (funding of project partners is provided by the participating funding programmes according to applicable national/organisational funding rules).
- Successful consortia should negotiate a Consortium Agreement before commencement of the project. This should address matters such as the regulation of intellectual property rights and actions to be taken in the event of unsatisfactory performance by one or more partners. In some countries/regions, such an agreement might be required for release of the funds. Applicants have to obey national/organisational regulations ([National Regulations](#) and [NCPs](#)) regarding this issue. Support for the preparation of a Consortium Agreement can be found on the [DESCA webpage](#).

## 2. Project monitoring and reporting

The funded projects are considered to form part of an international research programme. In addition to the reporting required by the national/organisational rules, project coordinators will be required to provide a mid-term and an end-term report to the Steering Committee according to common templates which will be provided to them. All partners will have to deliver input for these reports. The monitoring will be conducted during the life span of the project.

More information on the monitoring and reporting procedures will be provided to the coordinators of the projects recommended for funding.

## 3. Dissemination and communication

Funded projects must dedicate appropriate resources for dissemination activities including for participation in activities organised by FACCE SURPLUS.

FACCE SURPLUS will organise following common events for the projects funded in the frame of the present call. Relevant stakeholders will be invited to these events. Applicants have to allocate sufficient resources in their budget to participate in those events.

What	When	Where	Who
Common Kick-off Meeting	Spring 2016	Denmark	Coordinators and partners of funded projects, Steering Committee, stakeholders
Common Mid-term Meeting	Fall 2017	France	Coordinators of funded projects, Steering Committee, stakeholders
Common Final Meeting	Summer/Fall 2018	Germany	Coordinators and partners of funded projects, Steering Committee, stakeholders

Dissemination of project results is requested in the form of various communication routes such as scientific papers, posters, stakeholder involvement, courses or training material, web based tools, workshops or direct intervention towards end users.

Dissemination in all partner countries to national end users is necessary. A dissemination plan will be requested for the full proposal and should specify how the planned activities, including dissemination and stakeholder interaction, will contribute to the impact of the project.

To assist the projects in reaching the stakeholders FACCE SURPLUS will publish a stakeholder-oriented electronic newsletter and prepare dissemination web pages for each funded project.

The project dissemination plan should suggest stakeholder-oriented articles to be published in the FACCE SURPLUS electronic newsletter. All publications, which originate from the projects, must be made available via the project website (unless subject to IPR concerns).

An overall FACCE SURPLUS communication and dissemination plan will be prepared, once projects have been selected. The plan will be presented, discussed and endorsed during the common kick-off meeting.

Concerning dissemination activities, proper reference must be given to FACCE SURPLUS and to FACCE-JPI in all related publications, exhibitions, lectures and press information by using the appropriate logo (FACCE-JPI logo).

. For a well elaborated communication strategy, applicants are advised to take into consideration the guidelines on “Communicating EU Research & Innovation” by the Commission: [http://ec.europa.eu/research/social-sciences/pdf/communicating-research\\_en.pdf](http://ec.europa.eu/research/social-sciences/pdf/communicating-research_en.pdf)

## **ANNEXES:**

- [A : Table of NCPs](#)
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- [C : Financial commitment](#)
- [D : Template for pre-proposal](#)
- [E : Template for full proposal](#)
- [F : National Regulations](#)

## A. National Contact Persons

Country		Organisation	National Contact Person (NCP)	
Belgium		IWT	Inge Arents Marianne Claessens	<a href="mailto:iar@iwt.be">iar@iwt.be</a> <a href="mailto:mcl@iwt.be">mcl@iwt.be</a>
Belgium		FWO	Olivier Boehme	<a href="mailto:eranet@fwo.be">eranet@fwo.be</a>
Belgium		FNRS	Freia Van Hee Arnaud Goolaerts	<a href="mailto:freia.vanhee@frs-fnrs.be">freia.vanhee@frs-fnrs.be</a> <a href="mailto:arnaud.goolaerts@frs-fnrs.be">arnaud.goolaerts@frs-fnrs.be</a>
Cyprus		RPF	Rebecca Chrysafi	<a href="mailto:rchrtsafi@research.org.cy">rchrtsafi@research.org.cy</a>
Denmark		InnoFond	Susanne Edeling Hede	<a href="mailto:susanne.hede@innofond.dk">susanne.hede@innofond.dk</a>
Estonia		EVPM	Maarja Malm Küllli Kaare	<a href="mailto:maarja.malm@agri.ee">maarja.malm@agri.ee</a> <a href="mailto:kylli.kaare@agri.ee">kylli.kaare@agri.ee</a>
Finland		MMM	Mikko Peltonen Elina Nikkola	<a href="mailto:Mikko.Peltonen@mmm.fi">Mikko.Peltonen@mmm.fi</a> <a href="mailto:Elina.Nikkola@mmm.fi">Elina.Nikkola@mmm.fi</a>
France		ANR	Anne-Laure Quettier	<a href="mailto:Anne-Laure.Quettier@agencerecherche.fr">Anne-Laure.Quettier@agencerecherche.fr</a>
France		INRA	Heather McKhann Paul Colonna	<a href="mailto:heather.mckhann@paris.inra.fr">heather.mckhann@paris.inra.fr</a> <a href="mailto:paul.colonna@nantes.inra.fr">paul.colonna@nantes.inra.fr</a>
Germany		BMBF	Nicolas Tinois Petra E. Schulte	<a href="mailto:n.tinois@fz-juelich.de">n.tinois@fz-juelich.de</a> <a href="mailto:petra.schulte@fz-juelich.de">petra.schulte@fz-juelich.de</a>
Germany		BLE	Johannes Bender	<a href="mailto:Johannes.Bender@ble.de">Johannes.Bender@ble.de</a>
Italy		MIPAAF	Alberto Masci Marina Montedoro	<a href="mailto:a.masci@mpaaf.gov.it">a.masci@mpaaf.gov.it</a> <a href="mailto:m.montedoro@mpaaf.gov.it">m.montedoro@mpaaf.gov.it</a>
Italy		MIUR	Aldo Covello Alessandra Cuscianna	<a href="mailto:aldo.covello@miur.it">aldo.covello@miur.it</a> <a href="mailto:alessandra.cuscianna@miur.it">alessandra.cuscianna@miur.it</a>
Norway		RCN	Kirsti Anker-Nilssen	<a href="mailto:kan@rcn.no">kan@rcn.no</a>
Poland		NCBR	Kinga Szymańska-Rzeźnik Izabela Rzepczyńska	<a href="mailto:kinga.szymanska@ncbr.gov.pl">kinga.szymanska@ncbr.gov.pl</a> <a href="mailto:izabela.rzepczynska@ncbr.gov.pl">izabela.rzepczynska@ncbr.gov.pl</a>
Romania		UEFISCDI	Adrian Asanica	<a href="mailto:adrian.asanica@uefiscdi.ro">adrian.asanica@uefiscdi.ro</a>
Spain		INIA	Rocío Lansac Pablo Aller	<a href="mailto:eranets@inia.es">eranets@inia.es</a>
The Netherlands		NWO	Martijn Los	<a href="mailto:m.los@nwo.nl">m.los@nwo.nl</a>
United Kingdom		DEFRA	Mike Roper	<a href="mailto:mike.roper@defra.gsi.gov.uk">mike.roper@defra.gsi.gov.uk</a>

## B. Detailed scope

### 1. Background and overall challenges

Global food security, the use of renewable raw materials and production of energy from biomass are three of the “Great Challenges” for the 21<sup>st</sup> century:

- The world population is expected to grow to up to 9.5 billion people in 2050. Combined with changing consumer demands, global food security will certainly remain a major challenge.
- The environmental footprint of agriculture (e.g. on water and air quality, and from waste, pollutants and greenhouse gas (GHG) emissions) must be reduced and natural capital maintained (e.g. soil, biodiversity) while simultaneously managing the transition from non-renewable to renewable energy sources.

The main land cover types in Europe are forest, arable, pasture and semi-natural vegetation. These land covers provide different types of biomass and contribute to food, feed and fibre production. The finite nature of fossil fuel resources will increase the demand for renewable materials and bio-based chemicals for industrial applications as well as for renewable energy. To enhance resource efficient use of limited natural resources, more consideration to the whole value chain of different sorts of biomass is needed from focused, cutting edge research to enterprises promoting new technology and innovations and their integration within and across landscapes.

#### The vision of a European “bioeconomy”

In line with the European Bioeconomy Strategy<sup>7</sup>, better use of biomass and waste from plant and animal terrestrial and aquatic production systems is a fundamental aim to fulfil human needs while preserving natural resources and biodiversity. All economic actors that produce, manage and otherwise exploit biological resources, including agricultural and other land based activity *in its widest sense*, such as in the food, animal feed, farmed fish and forest-based chains, as well as parts of the chemical, biotechnological and energy industries, should be considered as a whole in the bioeconomy. The concept extends beyond technological innovation to present new opportunities for organisational innovation in the development of novel production chains that will contribute to improving life for all. In this way, rural and coastal communities will be given greater opportunities for diversification at different spatial scales in line with local and regional development plans.

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<sup>7</sup> COM (2012) 60 final : [Innovating for Sustainable Growth : A Bioeconomy for Europe](#)

Food and non-food systems encompassing agricultural businesses, agri-industrial infrastructures, institutions and the associated policies and practices located in, or associated with, the European Union (EU) are in scope, where they enable food and bio-based raw materials and products to be delivered to EU consumers. The current food system was created in response to meeting food production targets in the post-war era. It represents decades of investment in infrastructure and the creation of institutional arrangements that reflect the political and economic priorities of recent decades, up to and including the globalisation of food systems. However, in the past few years it has become clear that a managed transition towards radically improved food and non-food systems by 2050 will be needed to make the most efficient and sustainable use of land and other natural resources across the EU.

This transition has already begun. Economic partnerships between agricultural, forestry and biochemical innovators are emerging. Such partnerships challenge the way we traditionally look at the agricultural sector. Classic economic analysis of agricultural production chains looks at the vertical relationship between the different stages of the production and transformation processes, from the field to the final product. However, the bioeconomy operates more holistically by exploiting the options for utilising all the biomass from agricultural land, uncultivated land and forestry. For example, some biomass can be reconstituted through biorefining into a large range of final food and non-food products. Similarly, the treatment of co-products and by-products recovered from some food or non-food bio-based production activities creates a mechanism for cascading the major elements N (nitrogen), P (phosphorus) and K (potassium) back into agricultural systems by returning it to the soil and at the same time releasing CO<sub>2</sub> into systems that can be utilised for enhancing photosynthesis (e.g. in glasshouses). So, fractionation and conversion of one bio-based product into another and cascading of nutrients, sometimes known collectively as the “circular bioeconomy”, presents a new way of describing biological production and processing systems. New bio-technologies and industrial processes need to be developed and traditional relationships between actors in the various food and non-food production chains will need to change to accommodate such innovations leading to a radical reorganisation of the agri-industrial sector and the emergence of a reformed bioeconomy. Industrial reorganisation is an ongoing process driven by the market and the growing demand for bio-based products, but the needs and opportunities of SMEs and intermediate sized businesses should not be overlooked.

A holistic view across research disciplines is a prerequisite of any research into the relationship between food and non-food systems: the interconnections between them lead to a weakening of the boundaries between production and product transformation. It is apparent that most published models consider food chains with no reference to non-food value chains or bioenergy production. Conversely bioenergy models do not generally take account of the quantity, quality and diversity of plant and animal production needed to meet nutritional needs. The choice of scale (local, national, regional or world) is also important. For example, at local scales, it is necessary to take into account seasonal fluctuations in crop production, when considering food or non-food security whereas at

larger scales this is less of an issue as the production of one region may compensate for a deficit in another.

### The need for sustainable intensification of agricultural production

Alongside the increased demand for biomass for a variety of products, the world's available agricultural land area is steadily decreasing as a result of soil degradation and expansion of residential areas. Furthermore, climate change will increasingly affect agricultural productivity. All this impacts on the resilience of agricultural food and non-food systems and their ability to tolerate and adapt to external disturbances in order to deliver a continuous supply of affordable food and bio-based products to consumers. A resilient system should be able to speedily recover from climatic shocks and biological stress (e.g. pathogens) and should provide alternative means for satisfying services and needs in the event of changed external circumstances. Only resilient agricultural systems allowing growth and intensification of agriculture under the increasing stress of climate change, new pests and disease outbreaks and other environmental pressures will address these challenges adequately. To achieve increased productivity in an environmentally sustainable manner considering all relevant inputs e.g. pesticides, fertilisers, veterinary products and water, preserving biodiversity and considering ecosystem services, a new, joint programme of multi-disciplinary research and innovation is required across the EU and globally.

Furthermore, creating resilience requires more focus on establishing diverse sources of supply and reinforcing infrastructures. Modeling is necessary in this space to develop insights into the range of possible agricultural solutions and the resulting systems of production for any given agro-climatic zone and land typology. This implies the measurement of agronomic, environmental and economic trade-offs between, for example, the use of multi-purpose plant species versus specialised cropping versus pluri-annual production (e.g. through short rotation coppices). There is also a need for environmental sustainability indicators to assess other trade-offs between environmental and production deliverables for any particular agricultural system as biomass production increases under sustainable intensification.

Long term modeling is characterised by deep uncertainty over a range of drivers including soils, resources, technological developments, behavioural changes and the prevailing policy mechanisms. This underlines the importance of robust sensitivity analyses across a range of variables.

Moreover, transitions in farming systems towards sustainable intensification, and/or high nature value need to be integrated into the broader perspective of a bioeconomy that will combine the simultaneous production of food, fibres, feed, bio-chemicals, raw materials and bio-energy from biomass over a territory, the recycling of wastes and the utilisation of by-products and co-products. Holistic value chains need to be developed through the integration of industries across rural regions and cities. Alternative agricultural systems which are currently being developed and studied in (and



outside) Europe should be compared with each other and networks of study sites developed to test holistic sustainable intensification metrics at farm, landscape and national scales.

FACCE-JPI is contributing to this ambitious endeavour through 21 EU Member States and associated countries joining forces in the field of agricultural research under the challenges of climate change and limited natural resources. Founded in 2010, FACCE-JPI has since launched a Strategic Research Agenda (SRA) in 2012 outlining its main activity under 5 core themes. In order to implement this SRA and as a first activity under Core Theme 2 (environmentally sustainable growth and intensification of agriculture), JPI partners are jointly preparing a common Call under the ERA-Net Co-fund “Sustainable and resilient agriculture for food and non-food systems”.

## **2. Objectives of FACCE SURPLUS**

- To improve collaboration and cooperation across the European Research Area in the fields of diverse, but integrated, food and non-food biomass production and transformation systems, including biorefining.
- To link up and create a network of research institutions and platforms, enterprises and clusters of enterprises (as associations of family farms, sme's etc...) and facilities/research infrastructures across Europe working on the sustainable intensification of agriculture as well as focusing on innovation for increased, resilient and sustainable biomass production and product transformation processes for added value creation.
- To support innovation and value creation from biomass and biorefineries in synergy with the environmentally sustainable intensification of agricultural and other biomass production taking into account the required economic, environmental and social conditions and resilience to climate change.
- To fund and organise a joint call between funding bodies from Member States and the European Commission.

## **3. Scope**

Funding is provided for transnational research and development projects (R&D projects) which have been selected within the framework of a competition.

The scientific scope is for collaborative projects in three research areas which are incorporated into the following three subthemes of this call, namely:

1. Spatial targeting of land use to stimulate the growth of systems for the efficient utilisation of green (plant) biomass cascading through novel transformation processes for improved economic, environmental and social outcomes.
2. Identifying and developing markets for a wide range of products and services generated through integrated food and non-food systems.
3. Developing integrated, systems-based approaches to land management to encourage the sustainable intensification of agricultural production systems.

**Subtheme 1: Spatial targeting of land use to increase biomass production and transformation includes:**

- Developing a bio-based economy starts with optimising the yield of green (plant) biomass per unit area of land. New approaches for spatially targeting innovative agricultural production systems are needed to produce sufficient green biomass to meet increasing demand from strategically located, bio-refining chains producing bioenergy, a range of bio-based products and soil nutrients. The following are included:
  - High throughput phenotyping of appropriate species using plant biotechnology coupled to bioinformatics, quality assessment at the field/forest level and a selected process for each different use from the same batch of biomass.
  - Efficient exploitation of plant genetic resources and product-oriented breeding.
  - Integration of novel agronomic practices into agricultural systems, such as double cropping, improving yields of existing plant species and diversification of the outputs from different harvested parts of the plant to generate multiple uses for the various plant fractions,.
- Innovations in the design and siting of environmentally advanced, minimum waste biorefineries, associated with locally integrated production systems for food, feed, fibre and biomass for biorefining, making full use of agricultural and other organic products, by-products and wastes, as they cascade through the production and processing system, in order to better close the cycling of the major nutrients (N, P and K).
- Integrated approaches, including the economic, environmental and social conditions necessary for the primary production of green biomass as part of the whole biomass production and processing chain. What are the optimal opportunities for transforming local biomass production in the field into food, feed, energy, and other bio-based products? Spatial strategic choices for novel agricultural systems concern the selection of the most appropriate plant and animal production combinations in terrestrial and aquatic systems or a mixture of both. What are the spatial consequences when primary biomass production for food, feed and fibre is combined with biomass transformation on farm or at landscape level into energy and other bio-based products?
- Demonstrating how the resilience of agriculture and agro-forestry results from a range of spatial and temporal solutions across the same land area by exploiting variations in growing

periods, from months for annual crops, up to decades for perennial species in short rotation coppices. What are the short (waste management) and long term (programming agricultural systems) perspectives?

- How can biomass, including wastes and losses, and product expectations best be evaluated and modeled, using a systemic approach and how may these be assessed integrating social, economic and environmental perspectives including resilience and sustainability?
- Evaluating the synergy between ecosystem services and biomass harvesting from locally specialised crops, including those adapted to marginal lands and semi-natural grasslands. How can bio-refining create high value products and bioenergy while at the same time enhancing the natural environment and biodiversity?

### **Subtheme 2: Developing markets, including:**

- Designing new business models for biomass production and its transformation requires the development of innovative marketing strategies taking into account the flexibility, the trade-offs and the risks associated with the emergence of new markets. How do these vary at local, national, European and global levels?
- Conducting foresight exercises on the regulatory framework for integrated food and non-food agricultural systems associated with the sustainable intensification of green biomass production. The evolution of successful markets relies on a level regulatory playing field and fair trading conditions for new markets starting with clear definitions and rules on “waste”, “reusability of biomass products”, “manure”, etc. New potential markets for biomass production and transformation demand updated definitions. This implies a need for:
  - Transition paths to ensure economic viability throughout the transition phase. Development of farm decision support frameworks to identify specific opportunities and risks around adopting systems for greater resource use efficiency.
  - Analyses of business models for all stakeholders in the emerging value chains from farmers to agro-industrials: for example is there opportunity of reward for reducing GHG emissions along the chain? What is the impact of new markets on existing value chains? How will the market reflect the true cost and price of novel agricultural practices? How will any added-value in the chain be redistributed (across local areas)? How will the markets connect at local and global scales?

### **Subtheme 3: The sustainable intensification of integrated food and non-food systems of agriculture, including:**

- Development of system-based approaches for the integration of food and non-food agricultural production systems with improved use of nutrients, water and land under climate change, and improved soil fertility for higher resilience against climate stress. New models for mixed cropping systems for high biomass production including useful elements to create higher added value through the production and transformation of green biomass into novel products. Evaluating the benefit of introducing plant species with higher yields of biomass, including new species for biomass production.
- Evaluation of the synergies and trade-offs between increasing yields and biomass production for food and non-food uses and the impacts on air quality, water quality, GHG emissions, biodiversity and other environmental outcomes. The development of sustainability indicators for different agricultural systems and a network of study sites across Europe to develop standardised sustainable intensification metrics applicable across a variety of integrated food and non-food systems.
- Development of new agricultural systems in crop rotations to exploit seasonal growth cycles through intercropping, at farm level and at landscape scale, the integration of annual cropping with mixed perennial crops such as agroforestry that may lead to a broadening of the range of plant fractions to be delivered by agricultural and forestry systems. Demonstration of consequences of land use changes, for preservation of biodiversity while securing sufficient food and biomass production through the diversity of species and varieties grown and therefore agricultural products harvested.
- How may the harvesting and increased use of biomass for biorefining in marginal agricultural areas and semi-natural grasslands create synergy between economic value addition and the preservation of High Nature Value areas?
- How can the integrated modelling of water, biomass, bioenergy, food, and chemicals in the production and transformation of biomass follow the requirements of environmental sustainability (such as the closed cycling loops for N, P and K, water recycling, etc.)? How can sensitivity analysis of the variables reduce uncertainty in the models?
- Systems approaches assessing novel utilisation of agricultural products and exploring their potential for value creation linking scientific-technical and socio-economic aspects.
- Economic and environmental assessment of integrated food and biomass systems under different agro-ecological conditions and whole chain economic and environmental sustainability assessment of the cascading of agricultural products and other green biomass through the biorefinery system.

#### **4. Project structure and funding recipients**

Each research project proposal must include a proposal for disseminating the results to achieve higher levels of technological readiness. Research projects in the fields of the three subthemes will

often combine field research with modelling, scenario development and/or pilots. Where appropriate it is recommended that reference is made to the models developed in the Knowledge Hub MACSUR.

Cross-disciplinary projects will be given priority. Instead of focusing on individual features, projects should, for example, not only encompass methodologies for increasing yield and productivity, but also include other components essential for further processing agricultural outputs into high-quality marketable products and incorporating aspects of environmentally sustainable production (soil fertility, water quality, biodiversity etc.) as integral aspects of the project. If possible, inclusion of SMEs in the consortia is favourable in order to strengthen comprehensive value chain approach.

Funding will be provided for collaborative projects in which, depending on the project's orientation and national funding rules, universities, non-university research establishments, and/or companies or associations of enterprises from partner countries of this ERA-NET Cofund are involved. Partners in collaborative projects receive funding from the respective national funder(s) participating in the call according to national regulations of the funder(s).

Research providers from countries not participating in the ERA-NET Cofund can participate in collaborative projects if they have their own project funds or separate source of funding. Evidence of the commitment of these must be provided upon submitting the application.

All proposed projects must be structured in such a way that the project objectives can be reached within a maximum of three years. Furthermore, the proposals should strive to be balanced between the countries involved in the project as far as the volume of work is concerned.

## C. Financial commitment

To be submitted electronically with the pre-proposal on [www.submission-faccejpi.com](http://www.submission-faccejpi.com).  
**Hardcopy must be submitted to FACCE-JPI Call Office latest on 16.03.2015**

*This template may be used for applicants participating in research proposals and which are not eligible for funding (e.g. from a country not participating in the call), in order to provide evidence of their commitment. Grey-marked fields must be duly completed. Organisations are allowed to use their own templates, however the content of the letter as described hereunder should be regarded as the minimum requirement. This document must be signed by an authorized representative of the organisation.*

*In case of failure in proving such commitment at pre-proposal submission stage, an applicant could be regarded as ineligible, jeopardizing the whole research consortium.*

FACCE-JPI Call Office  
Forschungszentrum Jülich GmbH  
Nicolas Tinois  
PtJ-BIO3  
52425 Jülich  
GERMANY

Address of organisation  
Name and coordinates of contact person

## FACCE SURPLUS call on Sustainable and Resilient agriculture for food and non-food systems

### Letter of commitment

**Project title:** .....

City, Date,

We hereby confirm that **organization** has sufficient resources and is committed to participate to the project **project title**, in accordance to the pre-proposal which is submitted by **coordinator** in the frame of the FACCE SURPLUS call on Sustainable and Resilient agriculture for food and non-food systems and in case the full proposal is selected for funding by the FACCE SURPLUS Steering Committee.

*In addition, in case of separate source of funding:* Please find attached to this letter a commitment from **funding organisation** for our contribution to this project.

Signature of **Name and affiliation:**

***This template, displaying the content of a pre-proposal, is provided for information only. It is reminded that the submission must be done online.***



Submission on **FACCE-JPI Submission Tool**  
[www.submission-facejpi.com](http://www.submission-facejpi.com)  
**Deadline: 04.03.2015, 14:00 CET**  
 Please see Call Announcement  
 and National Regulations



## **FACCE SURPLUS Call on Sustainable and Resilient agriculture for food and non-food systems**

### **Pre-proposal**

*Please note that some of the information may be published by FACCE-JPI after the funding recommendation for promotional issues. This applies to data marked with an \**

### **Part A - Summary**

<b>Project Title*</b> <small>Max. 200 characters</small>					
<b>Acronym*</b> <small>Max. 15 characters</small>					
<b>Subtheme(s)*</b>	Subtheme 1 <input type="checkbox"/>		Subtheme 2 <input type="checkbox"/>		Subtheme 3 <input type="checkbox"/>
<b>Duration of the project</b> <small>(max. 36 months)*</small>		<b>Expected Start</b> <small>(dd/mm/yy)</small>		<b>Expected End</b> <small>(dd/mm/yy)</small>	
<b>Total cost of the project</b> <small>(k€)<sup>8*</sup></small>					
<b>Total requested funding</b> <small>(k€)<sup>9*</sup></small>					
<b>Please provide (max. 3) names of experts by whom you do not wish to be evaluated (optional)</b>					
1:					
2:					
3:					

<sup>8</sup> The total cost is automatically calculated.

<sup>9</sup> The total requested funding is automatically calculated.

\* **May be published**

## Part B - Project Consortium

<b>Partner 1 = Project coordinator</b>			
<b>Legal name of organisation*:</b>			
<b>Type of organisation</b>		<b>specify (optional):</b>	
<b>Country* :</b>			
<b>Post code:</b>		<b>Town:</b>	
<b>Street name, number:</b>			
<b>Additional address information (optional) :</b>			
<b>Website (optional):</b>			
<b>Coordinating person / Contact person for the project*</b>			
<b>Academic degree</b>		<b>Ms / Mr</b>	
<b>First name:</b>		<b>Surname:</b>	
<b>Position:</b>		<b>Phone (with int. prefix):</b>	
<b>E-Mail:</b>		<b>Fax (with int. prefix):</b>	
<b>Budget plan (automatically calculated from the Budget plan-table)</b>			
<b>Project costs (k€):</b>		<b>Required funding (k€):</b>	
<b>5 Main Publications of Partner 1 (optional):</b>			
1:			
2:			
3:			
4:			
5:			

*I have read my National Regulations and contacted my National Contact Person(s) beforehand in order to assess my eligibility and the eligibility of this Pre-proposal.*



<b>Partner 2</b>			
<b>Legal name of organisation*:</b>			
<b>Type of organisation</b>		<b>specify (optional):</b>	
<b>Country* :</b>			
<b>Post code:</b>		<b>Town:</b>	
<b>Street name, number:</b>			
<b>Additional address information (optional) :</b>			
<b>Website (optional):</b>			
<b>Coordinating person / Contact person for the project</b>			
<b>Academic degree</b>		<b>Ms / Mr</b>	
<b>First name:</b>		<b>Surname:</b>	
<b>Position:</b>		<b>Phone (with int. prefix):</b>	
<b>E-Mail:</b>		<b>Fax (with int. prefix):</b>	
<b>Budget plan (automatically calculated from the Budget plan-table)</b>			
<b>Project costs (k€):</b>		<b>Required funding (k€):</b>	
<b>5 Main Publications of Partner 2 (optional):</b>			
1:			
2:			
3:			
4:			
5:			

*I have read my National Regulations and contacted my National Contact Person(s) beforehand in order to assess my eligibility and the eligibility of this Pre-proposal.*

<b>Partner N</b>			
<b>Legal name of organisation*:</b>			
<b>Type of organisation</b>		<b>specify (optional):</b>	
<b>Country* :</b>			
<b>Post code:</b>		<b>Town:</b>	
<b>Street name, number:</b>			
<b>Additional address information (optional) :</b>			
<b>Website (optional):</b>			
<b>Coordinating person / Contact person for the project</b>			
<b>Academic degree</b>		<b>Ms / Mr</b>	
<b>First name:</b>		<b>Surname:</b>	
<b>Position:</b>		<b>Phone (with int. prefix):</b>	
<b>E-Mail:</b>		<b>Fax (with int. prefix):</b>	
<b>Budget plan (automatically calculated from the Budget plan-table)</b>			
<b>Project costs (k€):</b>		<b>Required funding (k€):</b>	
<b>5 Main Publications of Partner N (optional):</b>			
1:			
2:			
3:			
4:			
5:			

*I have read my National Regulations and contacted my National Contact Person(s) beforehand in order to assess my eligibility and the eligibility of this Pre-proposal.*

## Part C - Budget plan

Enter only digits - integer number in k€including VAT without special nor empty characters

<b>Project Costs</b>									<b>Required funding</b>	Own contribution (=Total costs – Required funding)
	Personnel	Travel	Consumables	Subcontracts	Equipment	Overhead	Other costs	Total costs		
Partner 1 Name/C										
Partner 2 Name/C										
Partner 3 Name/co										
.....										
Partner N Name/Country										
Sum										

**Comments on the budget (optional; e.g. on other costs or subcontracting; max. 800 characters):**

## Part D – Project description

*(max. 5 pages; Arial 10 pt)*

<b>Project objectives and expected results</b>
<b>Scientific and technological project description, including an overview of the state-of-the-art of knowledge and innovative characteristics of the project</b>
<b>Expected impact of the project</b>
<b>Relevance to the Scientific scope (including sub-theme) - how does the project fit into the scientific scope as described in the Call Announcement?</b>
<b>Contribution to the objectives of FACCE-JPI, especially <a href="#">FACCE-JPI Strategic Research Agenda</a> (Core Theme 2)</b>
<b>European and regional added value of the proposed project, including policy relevance</b>
<b>Resources available in partners' institutions: description of infrastructure, competences and other means available to implement the project</b>
<b>Provisional project structure including Work Package breakdown</b>
<b>Management and complementarity of the consortium: roles, responsibilities and specific contributions of each partner</b>

## Part E – Letters of commitment

*(Optional and only if necessary; see [annex C](#))*

## E. Full proposal template

*This template, displaying the content of a full proposal, is provided for information only. Since this template could be modified before the opening of the full proposal submission step, an updated template will be provided in due time in the Guidelines for submission – Step 2. It is reminded that the submission must occur online.*



Submission on **FACCE-JPI Submission Tool**

[www.submission-facejpi.com](http://www.submission-facejpi.com)

**Deadline: 01.09.2015, 14:00 CET**

Please see Call Announcement  
and National Regulations



## FACCE SURPLUS Call on Sustainable and Resilient agriculture for food and non-food systems

### Full proposal

*Please note that some of the information may be published by FACCE-JPI after the funding recommendation for promotional issues. This applies to data marked with an \**

### Part A - Summary

<b>Project Title*</b> <i>Max. 200 characters</i>	<i>Same data as in pre-proposals</i>			
<b>Acronym*</b> <i>Max. 15 characters</i>				
<b>Subtheme(s)*</b>				
<b>Duration of the project</b> <i>(max. 36 months)*</i>		<b>Expected Start</b> <i>(dd/mm/yy)</i>		<b>Expected End</b> <i>(dd/mm/yy)</i>
<b>Total cost of the project</b> <b>(k€)<sup>10*</sup></b>				
<b>Total requested funding</b> <b>(k€)<sup>11*</sup></b>				
<b>Publishable project summary*</b> <b>Max. 3000 characters</b>				

<sup>10</sup> The total cost is automatically calculated.

<sup>11</sup> The total requested funding is automatically calculated.

\* May be published

## Part B - Project Consortium

<b>Partner 1 = Project coordinator</b>			
<b>Legal name of organisation*:</b>			
<b>Type of organisation</b>		<b>specify (optional):</b>	
<b>Country* :</b>			
<b>Post code:</b>		<b>Town:</b>	
<b>Street name, number:</b>			
<b>Additional address information (optional) :</b>			
<b>Website (optional):</b>			
<b>Coordinating person / Contact person for the project*</b>			
<b>Academic degree</b>		<b>Ms / Mr</b>	
<b>First name:</b>		<b>Surname:</b>	
<b>Position:</b>		<b>Phone (with int. prefix):</b>	
<b>E-Mail:</b>		<b>Fax (with int. prefix):</b>	
<b>Budget plan (automatically calculated from the Budget plan-table)</b>			
<b>Project costs (k€):</b>		<b>Required funding (k€):</b>	<b>Cannot be higher than in pre-proposal</b>
<b>5 Main Publications of Partner 1 (optional):</b>			
1:			
2:			
3:			
4:			
5:			

*Upload field for 1 CV (1 DIN A4 page)*

<b>Additional team members involved in the project (max. 2; optional)</b>			
<b>Team member 2:</b>	<b>Academic degree :</b>	<b>Ms / Mr :</b>	<b>Position :</b>
<b>First name:</b>		<b>Family name:</b>	
<b>E-Mail:</b>		<b>Phone (with int. prefix):</b>	
<b>Team member 3:</b>	<b>Academic degree :</b>	<b>Ms / Mr :</b>	<b>Position :</b>
<b>First name:</b>		<b>Family name:</b>	
<b>E-Mail:</b>		<b>Phone (with int. prefix):</b>	

<b>Description of the team and its tasks within the project (max. 3 000 characters):</b>

<b>Partner 2</b>			
<b>Legal name of organisation*:</b>			
<b>Type of organisation</b>		<b>specify (optional):</b>	
<b>Country* :</b>			
<b>Post code:</b>		<b>Town:</b>	
<b>Street name, number:</b>			
<b>Additional address information (optional) :</b>			
<b>Website (optional):</b>			
<b>Coordinating person / Contact person for the project</b>			
Academic degree		Ms / Mr	
First name:		Surname:	
Position:		Phone (with int. prefix):	
E-Mail:		Fax (with int. prefix):	
<b>Budget plan (automatically calculated from the Budget plan-table)</b>			
Project costs (k€):		Required funding (k€):	<b>Cannot be higher than in pre-proposal</b>
<b>5 Main Publications of Partner 2 (optional):</b>			
1:			
2:			
3:			
4:			
5:			

*Upload field for 1 CV (1 DIN A4 page)*

<b>Additional team members involved in the project (max. 2; optional)</b>			
<b>Team member 2:</b>	Academic degree :	Ms / Mr :	Position :
First name:		Family name:	
E-Mail:		Phone (with int. prefix):	
<b>Team member 3:</b>	Academic degree :	Ms / Mr :	Position :
First name:		Family name:	
E-Mail:		Phone (with int. prefix):	

<b>Description of the team and its tasks within the project (max. 3 000 characters):</b>

<b>Partner N</b>			
<b>Legal name of organisation*:</b>			
<b>Type of organisation</b>		<b>specify (optional):</b>	
<b>Country* :</b>			
<b>Post code:</b>		<b>Town:</b>	
<b>Street name, number:</b>			
<b>Additional address information (optional) :</b>			
<b>Website (optional):</b>			
<b>Coordinating person / Contact person for the project</b>			
Academic degree		Ms / Mr	
First name:		Surname:	
Position:		Phone (with int. prefix):	
E-Mail:		Fax (with int. prefix):	
<b>Budget plan (automatically calculated from the Budget plan-table)</b>			
Project costs (k€):		Required funding (k€):	<b>Cannot be higher than in pre-proposal</b>
<b>5 Main Publications of Partner N (optional):</b>			
1:			
2:			
3:			
4:			
5:			

*Upload field for 1 CV (1 DIN A4 page)*

<b>Additional team members involved in the project (max. 2; optional)</b>			
<b>Team member 2:</b>	Academic degree :	Ms / Mr :	Position :
First name:		Family name:	
E-Mail:		Phone (with int. prefix):	
<b>Team member 3:</b>	Academic degree :	Ms / Mr :	Position :
First name:		Family name:	
E-Mail:		Phone (with int. prefix):	

<b>Description of the team and its tasks within the project (max. 3 000 characters):</b>



## Part C - Budget plan

Enter only digits - integer number in k€including VAT without special nor empty characters

Project Costs									Required funding	Own contribution (=Total costs – Required funding)
	Personnel	Travel	Consumables	Subcontracts	Equipment	Overhead	Other costs	Total costs		
Partner 1 Name/C										
Partner 2 Name/C										
Partner 3 Name/co										
.....										
Partner N Name/Country										
Sum									Cannot be higher than in pre-proposal	

Comments on the budget (if any; e.g. on other costs or subcontracting; max. 3 000 characters):

## Part D - Project Description

*(max. 20 pages; Arial 10 pt)*

<b>Project objectives and expected results</b>
<b>Scientific and technological project description, including an overview of the state-of-the-art of knowledge and innovative characteristics of the project</b>
<b>Expected impact of the project</b>
<b>Relevance to the Scientific scope - how does the project fit into the scientific scope as described in the Call Announcement?</b>
<b>Contribution to the objectives of FACCE-JPI, especially <a href="#">FACCE-JPI Strategic Research Agenda</a>, Core Theme 2</b>
<b>European added value of the proposed project, including policy relevance</b>
<b>Resources of the partners and description of adequacy in infrastructure and other means for the implementation of the project</b>
<b>Complementarity of the consortium: roles, responsibilities and specific contributions of each partner</b>
<b>Structure and plans for data management and data sharing within the consortium, and with the scientific community</b>
<b>Communication and dissemination plan</b>
<b>Work Plan and management of the project (related to Part E)</b>

## Part E - Work Packages

*Max. 8 Work Packages; max. 15 pages*

WP N	Name of WP	Start Month:	End Month:
Partner			
Person-Months			
<p>Aim of the WP (brief description of the objectives and interrelations with other WPs; max. 1 000 characters):</p>			
<p>Description of the tasks (clearly state who is doing what within the tasks description):</p> <p><b>Task 1.1:</b> Title (Task leader, partners involved) - Duration : Month xy – Month yz Task description</p> <p><b>Task 1.2:</b> Title (Task leader, partners involved) - Duration : Month xy – Month yz Task description</p> <p>.....</p>			
<p><b>Deliverables:</b></p> <p>D1.1: Title (Month of delivery) Description</p> <p>D1.2: Title (Month of delivery) Description</p> <p>....</p>			
<p><b>Milestones:</b></p> <p>M1.1: Title (Month of delivery) Description</p> <p>M1.2: Title (Month of delivery) Description</p> <p>.....</p>			
<p><b>Risks and contingency</b> (explain the main risks which could jeopardize the planned work in this WP, especially the completion of deliverables, and your plans to overcome them/adapt the work plan):</p>			

.....

## Part F – Annexes

Upload fields for:

- GANTT Chart (pdf-file; mandatory)
- Max. 6 annexes such as list of references, diagrams, photos, graphics... (pdf-file; 1 DIN A4 page each; optional)

## F. National Regulations

### Belgium (Flanders) - IWT



#### Participating organisation:

IWT, Agency for Innovation by Science and Technology (500kEUR-1500 kEUR, depending on thematic restrictions and fit in subsidy programme)

#### National Contact Person(s):

- Inge, Arents, Scientific Advisor, IWT, +32(0)432 42 07, [iar@iwt.be](mailto:iar@iwt.be) (NCP1)
- Marianne Claessens, Scientific Advisor, IWT, +32(0)432 42 07, [mcl@iwt.be](mailto:mcl@iwt.be) (NCP2)

#### Name of & link to the funding programmes:

- Integrated projects for agriculture: landbouwtrajecten <http://www.iwt.be/subsidies/LA-trajecten>
- Optionally (if involvement of industrial research): Integrated projects for industry: VIS-trajecten <http://www.iwt.be/subsidies/vis-trajecten> and/or industrial research projects for sme's (kmo-innovatieprojecten) <http://www.iwt.be/subsidies/kmo-innovatie>, as well as for big enterprises based in Flanders (bedrijfsprojecten en SPRINT): <http://www.iwt.be/subsidies/http://www.iwt.be/subsidies/oeno-bedrijfsproject> and <http://www.iwt.be/subsidies/sprint>

#### Minimum and/or maximum project duration:

For the integrated projects (LA-trajecten and VIS-trajecten) projects may last from 12 to 36 months

For the industrial research projects may last from 6 to 24 months

#### Minimum and/or maximum funding per project:

The minimum and maximum funding per project follows national rules of funding scheme (mostly a minimum budget of 50 kEUR will be mandatory, maximum budget varies from 250 kEUR to 500 kEUR).

Funding percentage follows national rules of funding scheme

At 1/1/2015 the max. funding percentage for LA-trajecten is 90%, for VIS-trajecten is 80% and for industrial research projects is 25-80% (depending on size of the enterprise and depending on TRL level).

#### **Who can be eligible for funding (incl. industry participation)?**

For LA-trajecten only Flemish centres for agricultural research (praktijkcentra), universities and university colleges (hogescholen) and research institutes that are recognized as eligible (as ILVO, VITO, ...) in past evaluations according to EU regulation. Each project needs a solid base of partnership from the bio-economy sector (represented by an usercomité) that is responsible for the cofinancing of the project.

For VIS-trajecten the eligible partners are VIS-organisations (associations of Flemish enterprises) and collective research centres according to Wet De Groote (as Centexbel, Sirris, ...); RTO's are mostly subcontractors for the research. Each project needs a solid base of partnership from the industrial sector(s) that benefit from projectresults (represented by an usercomite) that is responsible for the cofinancing of the project.

For industrial research projects the eligible partners are Flemish enterprises (with legal entity in Vlaams Gewest. Enterprises can involve subcontractors and RTO's as subcontractor in the project.

#### **National priorities:**

No priorities as long as the projects fit in the program (no thematic restrictions). Military applications are excluded.

Focus on multi-actor approach in integrated projects, focus on economic benefits for involved Flemish companies.

#### **Application for funding via IWT:**

IWT will provide information on the IWT-website <http://www.iwt.be/subsidies/extrasteun/era-facce-surplus> for applicants with additional templates to be completed. Those templates are mandatory to check the national eligibility and must be sent towards IWT on date of deadline of pre-proposals (**documents received latest on 04.03.2015**). We kindly ask applicants to apply for a meeting with IWT before the end of February to check eligibility aspects.

## Belgium (Flanders) - FWO



### **Participating organisation:**

Research Foundation Flanders - FWO (200.000 EUR = indicative budget, virtual common pot principle)

### **National Contact Person(s):**

Dr. Olivier Boehme, Science Policy Advisor, Research Foundation Flanders, +32-(0)2-550 15 45,  
[eranet@fwo.be](mailto:eranet@fwo.be)

### **Name of & link to the funding programmes:**

Research Projects <http://www.fwo.be/en/fellowships-funding/research-projects/research-project/>

### **Minimum and/or maximum project duration:**

36 months

### **Minimum and/or maximum funding per project:**

An indicative budget of 200.000 EUR/1 project/3 years through the virtual common pot principle

### **Who can be eligible for funding (incl. industry participation)?**

Concerning applications for FWO funding under this ERA-NET call, the FWO-regulation on the regular research projects is applicable (<http://www.fwo.be/Documentatie.aspx?ID=399b8594-9710-4771-9289-426ff73731e1>).

In article 9 of that regulation it is stated who can apply as a (co)promoter for a research project.

## **art. 9**

**The supervisor** and the co-supervisors who undertake to undertake or continue the subsidized research.

§1. The supervisor who is also the responsible spokesperson towards the FWO, shall be:

1° an Independent Academic Staff member with an appointment of more than 10% at a Flemish university;

2° an Independent Academic Staff member with an appointment of 10% at a Flemish university and whose main task is research;

3° an Independent Academic Staff member with an appointment of 5% at a Flemish university and with an appointment as (assistant) clinical head or an equal function in a university hospital;

4° an academic staff member with an appointment at the Evangelical Protestant Faculty in Leuven and the Faculty for Protestant Theology in Brussels;

5° a research director of the FWO;

6° a designated beneficiary of an ERC Starting Grant, an ERC Advanced Grant or an Odysseus II grant, with a Flemish university as a host institution.

§2. All co-supervisors have to be researchers of at least postdoctoral level. Co-supervisors have to be affiliated to a Flemish university, or a Flemish research institution, or a Flemish university hospital, or the Transnational University Limburg, or the Evangelical Protestant Faculty in Leuven, or the Faculty for Protestant Theology in Brussels, or a federal scientific institution where the co-supervisor belongs to the Dutch-speaking community. (Foreign researchers can participate as co-supervisor in the project without FWO funding, provided the collaboration is relevant for the project).

§3. If several universities are involved in the project, at least the supervisor or one co-supervisor shall meet the requirements set out in §1, 1°, 2°, 3°, and hold an appointment that fully covers the duration of the research project applied for.

§ 4. If the requirements set out in §1 are not met at the time of the application, the applicant needs to prove that this will be the case at the start of the agreement.

## **Art. 10.**

In the special case of research that is carried out jointly by a supervisor and co-supervisors at different host institutions, each supervisor and each host institution must be involved in the agreement: the contract shall



stipulate all relevant provisions concerning the recruitment of staff, the administration of the allowances, and the ownership of the granted equipment.

**National priorities:**

The FWO will prioritize proposals on the basis of the scientific ranking by a transnational peer review.

**Funding modalities**

The maximum funding per project is 200.000 Euros to be shared between participating Flemish partners. Funding money can be used for staff, consumables and infrastructure.

Moreover, FWO pays the host institutions of a project 6% overhead on top of the funding amount.

Therefore, overhead is not an eligible cost category in the research proposals.

Funding cannot be used for training activities, apart from the opportunity for a researcher appointed within the project to obtain a PhD on the basis of the results from his/her project research.

For more details, see the FWO-regulation on the regular research projects on the FWO website (<http://www.fwo.be/Documentatie.aspx?ID=399b8594-9710-4771-9289-426ff73731e1>).)

## Belgium (French-speaking Community) - FNRS



### Participating organisation:

Fonds de la Recherche Scientifique – FNRS

### National Contact Person(s):

- Freia Van Hee, [freia.vanhee@frs-fnrs.be](mailto:freia.vanhee@frs-fnrs.be), +32 2504 93 09
- Arnaud Goolaerts, [arnaud.goolaerts@frs-fnrs.be](mailto:arnaud.goolaerts@frs-fnrs.be), +32 2504 93 28

### Name of & link to the funding programmes:

Projets de Recherche ERA-Nets: <http://www.ncp.fnrs.be/index.php/appels/era-nets>

### Minimum and/or maximum project duration:

36 months

### Minimum and/or maximum funding per project:

Maximum funding per project is 240.000 EUR.

### Who can be eligible for funding (incl. industry participation)?

- Basic research (low Technology Readiness Level) carried out in a research institution from the “Fédération Wallonie-Bruxelles”
- The FNRS will not fund industrial partners or any activity related to the private sector.

## Eligibility of applying scientists

The applicant must be affiliated to a research institution from the Fédération Wallonie-Bruxelles. The applicant should also:

- be a permanent researcher of F.R.S. - FNRS (Chercheur qualifié, Maître de recherches or Directeur de recherches),
- or hold a tenure track position (or an assimilated position including pending tenure track) within a research institution from the Fédération Wallonie-Bruxelles,
- or be a permanent research staff member in the 'Ecole Royale Militaire',
- or be a permanent research staff member of a federal scientific institution in which case he can act as a co-promotor only.

The applicant should not have reached retirement at the starting date of the project. If the applicant reaches the age of retirement in the course of the project, he should precisely describe in the proposal how the handover will be managed.

## Eligible cost items

The maximum amount allocated per project is **240.000 EUR**. The following costs are eligible:

- **Personnel:**
  - Scientifique doctorant € 36.400/year
  - Scientifique non postdoctoral € 62.000/year
  - Scientifique postdoctoral € 72.300/year
  - Technicien € 52.600 (full time/year) - € 26.600 (half time/year)
  - Chercheur temporaire postdoctoral € 46.600/year

The categories « scientifique doctorant » and « chercheur temporaire postdoctoral » can only be Full time positions. The category « vétérinaire clinicien-chercheur spécialiste » is a part-time position. The three other positions can be filled in either Full time or part-time.

- **Equipment (max. 30.000 EUR/year)**
- **Running costs: (max. 15.000 EUR/year):** travel expenses; organisation of small scientific events in Belgium; consumables and the following support costs:

- Conception d'ouvrage
- Réalisation de dictionnaire
- Achat de livre
- Encodage
- Location de licence de logiciel
- Inscription à un congrès
- Ordinateur
- Scannage

“Overhead” is not an eligible cost. If the project is selected for funding, these costs will be subject to a separate agreement between the institution of the beneficiary and the F.R.S.-FNRS. General rules and regulations of FNRS apply: [www.frs-fnrs.be](http://www.frs-fnrs.be)

## Cyprus



### **Participating organisation:**

Research Promotion Foundation - RPF

### **National Contact Person(s):**

Dr Rebecca Chrysafi

Scientific Officer

Research Promotion Foundation

+357-22205041

[rchrysafi@research.org.cy](mailto:rchrysafi@research.org.cy)

### **Name of & link to the funding programmes:**

Funding programme for ERANET Cofund Joint call: International Cooperation

[http://www.research.org.cy/EN/national\\_programmes/nfprtd200920010/v/internationalcooperation/index.html](http://www.research.org.cy/EN/national_programmes/nfprtd200920010/v/internationalcooperation/index.html)

### **Minimum and/or maximum project duration:**

Proposed participations may last from 12 to 36 months

### **Minimum and/or maximum funding per project:**

The available national funding is approximately 235,000 € and is consisted of 200,000 € national funding plus EC top-up.

Each project can request up to 120,000 € (if two proposals with Cypriot participation succeed, the first project can receive up to 120.000 € and the second one can receive the remaining amount of the available funding).

## **Who can be eligible for funding (incl. industry participation)?**

### Beneficiaries

Participants could be Research / Academic Organisation, Public Benefit Organisation and Enterprises located permanently in the areas under the control of the Republic of Cyprus (excluding the UK Sovereign Base Areas).

### Conditions for participation

The general conditions for participation in project proposals are the following:

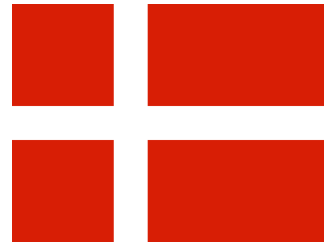
- Each individual is allowed to participate in two project proposals only under the same Call for Proposals, regardless of the role he/she undertakes in each proposal.
- Each individual can participate in project proposals under one organisation only or as an Independent Researcher, regardless of his/her employment in more than one organisations.
- The participation of organisations and individuals, which/whom the RPF's Board of Directors has decided to exclude from its Programmes, is forbidden.
- Only one Independent Researcher (IR) may be included in each project proposal.

### **National priorities:**

Research Promotion Foundation (RPF) will fund projects that cover any theme described in the call text. Proposals submitted under this call should relate to at least one of these themes.

For more information regarding the eligibility criteria please see the relevant Call for Proposals in the RPF's website ([www.research.org.cy](http://www.research.org.cy)) and/or contact the national contact point for the specific call, Dr Rebecca Chrysafi ([rchrysafi@research.org.cy](mailto:rchrysafi@research.org.cy), 00357-22205041).

## Denmark



### **Participating organisation:**

Innovation Fund Denmark

### **National Contact Person(s):**

Susanne Hede,

special advisor, ph. d

+45 61905039

[Susanne.hede@innofond.dk](mailto:Susanne.hede@innofond.dk)

### **Name of & link to the funding programmes:**

The Innovation Fund Denmark

### **Minimum and/or maximum project duration:**

Projects may last up to 36 months

### **Minimum and/or maximum funding per project:**

The Innovation Fund expects to finance up to five projects

### **Who can be eligible for funding (incl. industry participation)?**

The Innovation Fund may fund activities at public-sector and private institutions and enterprises in Denmark and abroad.

Please read the national guidelines for The Innovation Fund Denmark.

[http://innovationsfonden.dk/fileadmin/user\\_upload/documents/5\\_udgave\\_Guidelines -  
\\_Transnational calls 2014\\_opdateret\\_13102014.pdf](http://innovationsfonden.dk/fileadmin/user_upload/documents/5_udgave_Guidelines_-_Transnational_calls_2014_opdateret_13102014.pdf)

## Estonia



### Participating organisation:

Estonian Ministry of Agriculture (Budget 100 000 €)

### National Contact Person(s):

- Maarja Malm, Chief Specialist of the Research and Development Department, Ministry of Agriculture, +372 625 6236, [maarja.malm@agri.ee](mailto:maarja.malm@agri.ee) (NCP1)
- Külli Kaare, Head of the Research and Development Department, Ministry of Agriculture, +372 625 6554, [kylli.kaare@agri.ee](mailto:kylli.kaare@agri.ee) (NCP2)

### Name of & link to the funding programmes:

- National programme “Applied Research and Development in Agriculture 2015-2021”, is the main funding programme, <http://agri.ee/et/eesmargid-tegevused/teadus-arendus-ja-nouanne/teadus-ja-arendustegevus#rakendusuuritud-arendustegevus>
- The topics related to plant breeding will be funded by „National Programme for Plant Breeding 2009–2019“, <http://agri.ee/et/sordiaretusprogramm-aastatel-2009-2019>

### Minimum and/or maximum project duration:

The proposed projects may last up to 36 months.

### Minimum and/or maximum funding per project:

Project can require up to 100 000 € for a period of 36 months in Estonia.

### Who can be eligible for funding (incl. industry participation)?

Participants must be universities or research organisations.



Estonian project partners are advised that the total requested funding for all Estonian partners within one consortium may not exceed 100 000 €.

Scientific results of the projects must be available for Estonian companies and producers.

Additional national application forms are not necessary, a transnational application to the central call office is sufficient. The national assessment of pre-proposals will correspond to the rules provided in the call.

Projects will be funded according to the ranking list of projects drawn up by the Review Panel.

Estonian project partners with positively evaluated full proposals will be invited by the Estonian Ministry of Agriculture to negotiate an agreement.

## Finland



### Participating organisation:

Ministry of Agriculture and Forestry: max. 200 000 €

### National Contact Person(s):

- Mikko Peltonen, Research Director, Ministry of Agriculture and Forestry, tel. +358 2951 62296, [mikko.peltonen@mmm.fi](mailto:mikko.peltonen@mmm.fi) (NCP1)
- Elina Nikkola, Ministerial Adviser, Ministry of Agriculture and Forestry, tel. +358 2951 62333, [elina.nikkola@mmm.fi](mailto:elina.nikkola@mmm.fi) (NCP2)

### Name of & link to the funding programmes:

Ministry of Agriculture and Forestry: Research and Development

### Minimum and/or maximum project duration:

Ministry of Agriculture and Forestry: no maximum, but usually projects are funded for 36 months

### Minimum and/or maximum funding per project:

Ministry of Agriculture and Forestry: Funding is decided case by case; normally 70 % of the project's gross eligible costs are covered

### Who can be eligible for funding (incl. industry participation)?

Ministry of Agriculture and Forestry: Enterprises are funded as well as research institutes; in both cases 70 % of the project's gross eligible costs are covered. The work carried out must be pre-competitive research

and/or prototype demonstration. **Product development supporting individual firms will not be supported.**  
**The results of funded projects must be open for access by all potential user groups.**

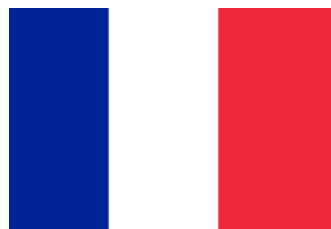
#### **National priorities:**

Ministry of Agriculture and Forestry: The main criterion is that the research shall benefit the field of the Ministry's responsibilities and bioeconomy.

#### **Ministry of Agriculture and Forestry:**

- Applicants are strongly advised to contact the Ministry of Agriculture and Forestry before preparing applications for FACCE Cofund Call.
- The work carried out must be pre-competitive research and/or prototype demonstration.
- Applicants are required to make sure that the total sum of the budget includes all details for full cost model. More info (only in Finnish): [http://www.mmm.fi/fi/index/tutkimus/tutkimuksenrahoitus\\_32.html](http://www.mmm.fi/fi/index/tutkimus/tutkimuksenrahoitus_32.html)
- Product development supporting individual firms will not be supported
- Financial involvement must be clearly stated in the application. The application must contain a plan for communication of results
- Funding does not cover expenditures for activities before the project has been granted. Normally 70 % of the project's gross eligible costs can be covered by the Ministry's funding.
- Applicants must provide the necessary apparatus for the project themselves. If a special apparatus is needed an explanation and application for funding for apparatus must be included. If the applicant has not earlier given the explanation for indirect **employer** costs and overheads the applicant has to give an account to the Ministry.

## France - ANR



### **Participating organisation:**

Agence Nationale de la Recherche (ANR), budget : 1 000 000 €

### **National Contact Person(s):**

Anne-Laure Quettier, project officer, +33 1 73 54 81 55, [anne-laure.quettier@agencerecherche.fr](mailto:anne-laure.quettier@agencerecherche.fr)

Maurice Héral, programme director, +33 1 78 09 80 33, [maurice.herat@agencerecherche.fr](mailto:maurice.herat@agencerecherche.fr)

### **Name of & link to the funding programmes:**

Programme name: Specific European and international calls for proposal; department of Environment and Biological Resources.

The present document in its entirety and the regulations concerning the conditions of allocation of ANR funding can be downloaded here: link to come

### **Minimum and/or maximum project duration:**

Proposed projects may not exceed 36 months.

### **Minimum and/or maximum funding per project:**

One project can require a minimum of 15,000€ and up to 200,000€.

### **Who can be eligible for funding (incl. industry participation)?**

Applicants must include at least one French partner in the research organization category (university, EPST – Scientific or Technical Public Institution, EPIC – Industrial or Commercial Public Institution). Participation of a French private partner is not mandatory but would be appreciated.

It is important to read carefully the call for proposals text, the present document in its entirety, and the regulations concerning the conditions of allocation of ANR funding (<http://www.agence-nationale-recherche.fr/RF>) before submitting a research project.

The French part of the project proposal must not be judged similar to a project that is already financed by the ANR or submitted to another ANR call for proposals in the 2015 edition.

The French part of the project proposal must not be considered to infringe an intellectual property right characterizing a counterfeit within the meaning of intellectual property.

### **Recommendations concerning the involvement of French personnel**

- The French project coordinator should devote at least 30% of his/her research time to the project<sup>12</sup>.
- The total (in person months) of the non-permanent personnel (postdocs, fixed-term contracts, temporary workers) receiving ANR funding should not exceed 30% of the total (in person months) of the staff (permanent and non-permanent personnel) of the French partners assigned to the project.
- The financing duration for each post-doctoral participant should not be less than 12 months.

### **Actions to be funded concerning scientific and technical culture, communication actions and capacity building**

Actions relating to scientific and technical culture and communication are eligible for ANR funding inside the projects. They must be clearly linked to the project and have an ambitious target impact, specifying the specific audiences (e.g.: the media, youth, working populations, teaching professionals, etc.). It is recommended to associate scientific communication/mediation professionals in these actions for the conceptual design of the project (communication departments of research organizations and companies, scientific cultural operators, etc.). Training inside the project and exchange of PhD and post doc between the participants are recommended. The contribution of a project to the content of higher education courses can enhance its impact. Supporting the integration of current research themes in teaching programmes is a notable example. The projects funded by the ANR can integrate this type of initiative in their work programme. The proposed actions in favour of higher education must have a direct link with the content of the project. The actions can be diverse (construction of websites, design and development of original teaching tools based on research material, teaching conference cycles. The budget devoted to these tasks should not exceed 10% of the requested funding. These actions must form the subject of a clearly identified project task. They shall be evaluated as a factor in the overall impact of the project.

### **List of eligible costs**

The funds allocated by the ANR to each French partner will be provided as a non-reimbursable grant in accordance with the provisions of the "Regulations relative to conditions of allocating ANR funds", which can be consulted on the ANR website.

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<sup>12</sup> **Calculation of research time:** the evaluation of the time devoted to the project is based on the time devoted to research (taken to be 100%). Accordingly, a lecturer-researcher (or a member of an enterprise's personnel responsible for activities other than research) who devotes all his research time to a project for one year will be considered as a participant at 12 person.months. However, to calculate the total cost, his salary will be counted as equal to his actual full time (e.g. 50% of a lecturer-researcher's salary).

### *Subcontracting rules*

Beneficiaries may have the possibility to subcontract with third parties outside the project for specific work excluding fundamental research, industrial research, experimental development and technical feasibility study prior to industrial research and experimental development. The cost of these benefits is given on an individual from operating expenses and must be less than or equal to 50% of total costs used in the base of the Help the Beneficiary, unless waived by the General management team of the ANR reasoned request.

### *Conditions of funding of companies*

The European Community Framework of State aids to companies places a number of conditions on the allocation of ANR funds to companies. If these conditions are not fulfilled by a company participating in a selected project, the ANR will not allocate funding to that company. General rules for funding companies are available on ANR website.

## **Regulatory and contractual obligations**

The conditions of execution and financing of the research projects selected and funded by ANR on completion of the selection process shall be defined in the grant award agreements comprising general conditions available on the ANR website, and particular conditions (<http://www.agence-nationale-recherche.fr/RF>). The particular conditions of the grant award agreements shall be signed between the ANR and each of the French research project partners.

### *Consortium agreement*

Under the supervision of the project coordinator, the partners must conclude an agreement specifying in particular:

- the sharing of the intellectual property rights of the project results;
- the conditions of publication / dissemination of the results;
- the technology transfer and the exploitation of the project results.

The French project partners will send a copy of this agreement to the ANR. A Consortium Agreement will need to be in place and reported to ANR before any payment will be made.

These agreements shall also enable the existence of any indirect financial support entering into the calculation of the maximum level of funding authorized under the European Community Framework for State aid for research, development and innovation (referred to hereinafter as the "EU Community Framework") to be determined.

It will be assumed that there is no indirect support if at least one of the following conditions is satisfied:

- the participating companies bear the totality of the research project costs;
- the results that do not give rise to intellectual property rights can be widely disseminated, and the research organization holds all the intellectual property rights, if any, resulting from its RDI activity;
- the research organization receives from the participating companies payment equivalent to the market price for the intellectual property rights resulting from the activities it carried out in the project

and which are transferred to the participating companies. Any contribution of the participating companies to the research organization's expenses must be deducted from the said payment.

### **Scientific follow-up of the projects**

The scientific aspects of the funded projects shall be monitored by the ANR, in addition to the call for proposals follow-up activities (annual activity report, review meetings, collection of project impact information), during project execution and until one year after their completion. The intermediate progress reports provided under the call for proposals substitute for the reports usually requested by the ANR. The specific scientific follow-up by the ANR comprises:

- supply of up-to-date summaries of the project objectives, work and results, intended for the ANR publications on all media,
- participation in the seminars organized by the ANR (one or two participations).

The project proposals shall include the corresponding work load in their work programme.

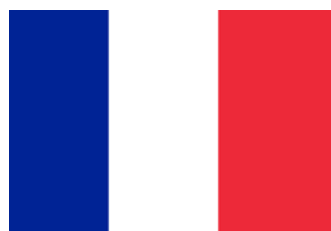
### **Moral responsibility**

The funding of a project by the ANR does not relieve the French project partners of their obligations concerning the regulations and code of ethics and professional conduct applicable to their area of activity. The French partners undertake to keep the ANR informed of any change likely to modify the content, the partnership or the schedule of project performance between the time of project submission and publication of the list of selected projects. All the French partners undertake to follow the good research practices described in the code of ethics of the ANR project players available on the ANR website, equally well during the preparation of their submitted research project proposal as in its implementation if it is selected and funded by the ANR (<http://www.agence-nationale-recherche.fr/CharteDeontologieSoumission>).

### **Performance of ad-hoc reviews for the ANR**

The scientific and technical leader of each French partner of the submitted project proposals may be invited by the ANR to perform ad-hoc reviews in the context of other calls for proposals and/or programmes. They undertake to examine such requests with diligence.

## France - INRA



### **Participating organisation:**

Institut National de la Recherche Agronomique (INRA)

### **National Contact Person(s):**

- Heather McKhann: [heather.mckhann@paris.inra.fr](mailto:heather.mckhann@paris.inra.fr)
- Paul Colonna: [paul.colonna@nantes.inra.fr](mailto:paul.colonna@nantes.inra.fr)

### **Who can be eligible for funding (incl. industry participation)?**

Only French research teams from INRA will be eligible for INRA funds. INRA researchers are also eligible for ANR funding. In both cases, ANR rules apply.



## Germany



### Participating organisations:

- Bundesministerium für Bildung und Forschung (BMBF; 1 000 000 €)
- Bundesministerium für Ernährung und Landwirtschaft (BMEL; 500 000 €)

### National Contact Person(s):

**German applicants must obligatorily contact the German National Contact Person(s)!**

#### BMBF:

- Nicolas Tinois, Projektträger Jülich, 0049 2461 61 2422, [n.tinois@fz-juelich.de](mailto:n.tinois@fz-juelich.de)
- Dr. Petra E. Schulte, Projektträger Jülich, 0049 2461 61 9031, [petra.schulte@fz-juelich.de](mailto:petra.schulte@fz-juelich.de)

#### BMEL:

- Johannes Bender, BLE, Tel. +49 (0) 228 6845 3930, [johannes.bender@ble.de](mailto:johannes.bender@ble.de)

### Name of & link to the funding programmes:

- **BMBF:** National Research Strategy BioEconomy 2030, <http://www.bmbf.de/en/1024.php>, in particular “Richtlinien zur Förderung transnationaler Forschungsprojekte auf dem Gebiet der Biomasseproduktion und –konversion im Rahmen des ERA-Net Cofund FACCE SURPLUS,,
- **BMEL:** World Food Affairs, Innovation, Funding Pool “EH”  
[http://www.ble.de/EN/04\\_Programmes/Programmes.html](http://www.ble.de/EN/04_Programmes/Programmes.html)

### Minimum and/or maximum project duration:

**BMBF and BMEL:** proposed projects may last up to 36 months

**Minimum and/or maximum funding per project:**

**BMBF:** there is no minimum and/or maximum funding per project.

**BMEL:** maximum of 250 000 € per project

**Who can be eligible for funding (incl. industry participation)?**

**BMBF:** German applicants must be research groups from academia, universities, research organisations or industry. Enterprises, especially SMEs, may participate as partners provided they can prove their financial stability (see hereunder).

**BMEL:** German applicants must be research groups from academia, universities or research organisations.

**National priorities:**

**BMBF:** BMBF will support projects within the entire scientific scope outlined in the Call Announcement.

**BMEL:** BMEL will support projects under Subtheme 3 of the scientific scope as outlined in the Call Announcement: Sustainable intensification of integrated food and non-food systems of agriculture.

## Bundesministerium für Bildung und Forschung (BMBF) / Projektträger Jülich

- BMBF funding of the FACCE SURPLUS call is provided as delineated in the announcement *Richtlinien zur Förderung transnationaler Forschungsprojekte auf dem Gebiet der Biomasseproduktion und –konversion im Rahmen des ERA-Net Cofund FACCE SURPLUS* published in December 2014.
- Funding bases on §§23 and 44 BHO (Bundeshaushaltsordnung) and associated administrative regulations. The main items are as follows:
  - ✓ Applications must be compatible with the above mentioned national announcement.
  - ✓ The procedure (“Verfahren”) is according to the above mentioned protocol (see Chapter “[Application Procedure](#)”). Funding will be awarded as non-repayable project grant.
  - ✓ The funding regulations, the follow up and reporting of publicly funded projects are regulated according to ANBest (Allgemeine Nebenbestimmungen), BNBest (Besondere Nebenbestimmungen), and NKBF 98 (Nebenbestimmungen für Zuwendungen auf Kostenbasis des Bundesministeriums für Bildung und Forschung an Unternehmen der gewerblichen Wirtschaft für Forschungs- und Entwicklungsvorhaben). Additionally, reporting duties as delineated in this Call Announcement in the Chapter „[Project monitoring and reporting](#)“ must be respected as well.
  - ✓ Eligible applicants are universities, research institutions and enterprises, especially SMEs, domiciled in Germany. Research institutions, which receive basic financing, can be funded subject to specific conditions.
  - ✓ For universities intending to request the “Projektpauschale” in the frame of the present call, the project costs budgeted in the pre-proposal must include this “Projektpauschale”. More information are available in the “FAQ zur Projektpauschale”: <https://foerderportal.bund.de>
  - ✓ Double funding is not possible.
  - ✓ In order to prove their financial ability to participate in the proposed project, **Small and Medium Enterprises (SMEs)** have to submit, together with the electronic submission of the Pre-proposal **(documents received latest on 04.03.2015) the following documents:**
    - Financial statement for the last two years (*Jahresabschlüsse der letzten zwei Jahre*)
    - Confirmation of the financial own contribution (*Erklärung zur Aufbringung des Eigenanteils*)
    - Business assessment (*Aktuelle BWA*)
    - Liquidity planing for the duration oft he proposed project (*Liquiditätsplanung für die Laufzeit des vorgeschlagenen Projektes*)

The documents have to be submitted to:

*Forschungszentrum Jülich GmbH*

*Nicolas Tinois*

*PtJ-BIO3*

*52425 Jülich*

*GERMANY*

## Bundesministerium für Ernährung und Landwirtschaft (BMEL) /

### Bundesanstalt für Landwirtschaft und Ernährung (BLE)

- BMEL funding of the FACCE-ERA-NET Cofund Call is provided as delineated in the national announcement „**Bekanntmachung über die Durchführung von transnationalen Forschungsprojekten zu nachhaltigen und widerstandsfähigen Landwirtschaftssystemen im Food und im Non-Food-Bereich**“ published in the Bundesanzeiger, link to be found on [www.ble.de](http://www.ble.de).

The main regulations are as follows:

- BMEL funding is based on §§23 and 44 BHO (Bundeshaushaltsordnung) and associated administrative regulations:
- The funding regulations, follow up and reporting of publicly funded projects are regulated according to ANBest-P (Allgemeine Nebenbestimmungen), BNBest-BMBF 98 (Besondere Nebenbestimmungen) and NKBF 98 (Nebenbestimmungen für Zuwendungen auf Kostenbasis des Bundesministeriums für Bildung und Forschung an Unternehmen der gewerblichen Wirtschaft für Forschungs- und Entwicklungsvorhaben).
- Proposed projects must be in line with the above mentioned national announcement.
- Funding will be awarded as non-repayable project grant.
- Eligible Applicants are universities and research institutions domiciled in Germany. Research institutions receiving basic financing can be funded subject to specific conditions.

Italy



**Participating organisation:**

Ministry of agricultural food and forestry policies – Mipaaf (Budget in € 100.000,00)

**National Contact Person(s):**

- Alberto Masci, officer, Ministry of agricultural food and forestry policies, +39 06 46655085, [a.masci@mpaaf.gov.it](mailto:a.masci@mpaaf.gov.it)
- Marina Montedoro, FACCE-JPI Vice Chair, Ministry of agricultural food and forestry policies; +39 06 46655074-76, [m.montedoro@mpaaf.gov.it](mailto:m.montedoro@mpaaf.gov.it)
- Lucia Pinto, Dept. of European and International Policy and Rural Development - DG for Rural Development, Research Office, +39.06.46655076, [l.pinto@mpaaf.gov.it](mailto:l.pinto@mpaaf.gov.it)

Website: <http://www.politicheagricole.it/RicercaSperimentazione/default>

**Name of & link to the funding programmes:**

The initiative undertaken by the Ministry are in accordance with the National Research Programme (PNR): [http://www.miur.it/Documenti/ricerca/pnr\\_2011\\_2013/PNR\\_2011-2013\\_23\\_MAR\\_2011\\_web](http://www.miur.it/Documenti/ricerca/pnr_2011_2013/PNR_2011-2013_23_MAR_2011_web).

Within this reference frame the Ministry over the last years has funded more than 80 M€ in project addressing different aspects of the bioeconomy even if with a major focus on the production of biogas and biofuels.

**Minimum and/or maximum project duration:**

Proposed projects may last from 12 to 36 months

### **Minimum and/or maximum funding per project:**

A minimum funding budget per project is not fixed. It is highly recommended that the funding request of Italian partners for each project do not exceed € 30.000,00.

### **Who can be eligible for funding (incl. industry participation)**

National public research institutions and no-profit private bodies, with among their institutional and statutory scopes include “performing research activities” and not only “promoting or supporting research activities”, can apply for funding.

National public institutions include public bodies supervised by Ministries, regional and provincial centres, university departments and institutes, university consortia, interdepartmental centres.

It is mandatory, for all the no-profit private research bodies defined above, that they state in the official documents (statute and/or articles of incorporation, memorandum of association) that among their missions they also “perform research activities”.

SME or other private bodies can participate, giving an added value to the research project, if they are able to provide their own financial resources to carry out the work. A short description of the Enterprise involved in a proposal, its role and the added value bring to the project with its participation must be included.

### **Financial contribution.**

The contribution amount for national participants of the selected projects will be as follows:

- public Institutions and no profit private bodies can be financed up to 99% of the approved eligible project costs;
- SMEs and organisms with other statutory nature are welcome as participants if an added value to the project is proven and if their costs are covered by their own resources or by other external sources.

According to the national regulations the transfer of funds will occur in three steps:

- 1) 65% of the approved costs immediately at the issue of the Ministry decree (contract between the Ministry and the beneficiary);
- 2) 25% of the approved costs once the mid-term report (both scientific and administrative) has been approved;
- 3) 10% of the approved costs once the final report has been approved.

For no profit private bodies the documentation required to receive the financial contribution, private research bodies participating in the project consortium must send scanned copy of these documents: statute and/or articles of incorporation, memorandum of association by the pre-proposal submission deadline to Mipaaf.

### **Eligible costs**

## **A) Personnel**

**1) Salaries** – Only for non-permanent scientific staff of public institutions (including foreign visiting scientists, post docs, PhD students, fellowships and grants). Technical administrative staff can be included in the coordination. For no profit private institutions salaries of permanent and not permanent staff actually participating in the project activity can be funded.

**2) Travel expenses** – for permanent and not permanent staff.

## **B) Consumables**

**C) External activity costs** – expenditures for activity carried out externally to the research applicant (Consultancy services, agreements, maintenance, repairs, material transportation when needed for the project implementation).

**D) Equipments** – Only depreciation charges (related to the project duration) for scientific equipment will be reimbursed.

**E) Overheads** – no more than 10% of the total amount of the above mentioned costs (A+B+C+D)

**F) Coordination** - if an Italian institution is also playing the role of coordinator the eligible costs are those indicated in the above mentioned National Decree.

## **Additional forms.**

Once the project has been approved for funding, the Ministry will ask the Italian research units of the approved projects to fill in the model C and submit it to the funding Body (Mipaaf) to apply for contribution. In case of a research unit acting as coordinator, also the general project description, including the activity of all partners and the financial sheet for coordination activity (model A project form) have to be presented to the funding body.

The forms will be made available on the Ministry website at the following address:  
<http://www.politicheagricole.it/RicercaSperimentazione/default>

These forms must be written in Italian.

More details on eligible costs and other national requirements will be given by the Ministry in the national annex to the call (both in English and Italian) and published on the website. Applicants may also refer to the NCPs to have any detail.

## **National priorities:**

The Ministry of agricultural food and forestry policies will give priorities to proposals aimed to address issues included in these two fields of actions:

#### Identifying and developing markets

- Combining production systems for food, feed, fibre and biomass for biorefinery with cascade use of agricultural products, by-products and waste for innovation and optimal use of agricultural products.
- Integrating the interactions of food and non-food regarding the determination by natural framework conditions as well as social and economic context of farming.
- Systems approaches assessing novel utilisation of agricultural products and exploring their potential for value creation linking scientific-technical and socio-economic aspects

#### Developing integrated, systems-based approaches to land management

- Assessing and increasing biological resource use efficiency of agricultural systems for a sustainable and environmentally friendly development of agricultural production also under climate change.



Italy



**Participating organisation:**

Ministry of Education, University and Research – MIUR  
(Budget in euro: 500.000,00 as grant and 500.000,00 as loan.)

**National Contact Person(s):**

- Aldo Covello, officer, MIUR, +39 06 9772 6465, +39 3389364371, [aldo.covello@miur.it](mailto:aldo.covello@miur.it)
- Alessandra Cuscianna, officer, MIUR; +39 06 9772 6469, [alessandra.cuscianna@miur.it](mailto:alessandra.cuscianna@miur.it)
- Irene Guglielmo, officer, MIUR, +39.06.9772 7470, [irene.guglielmo@miur.it](mailto:irene.guglielmo@miur.it)

Website: <http://www.ricercainternazionale.miur.it>

**Name of & link to the funding programmes:**

Projects are funded from the Fund for investments on Scientific and Technological Research (FIRST).  
The criteria and provisions provided herewith are intended only for informative purpose. The complete list of criteria and provisions legally valid, which must be respected by all the Italian participants, is included in the “Avviso integrativo nazionale”, published on MIUR website and in the applicable Italian laws published on the Italian Official Journal.

**Minimum and/or maximum project duration:**

Proposed projects may last up to 36 months

**Minimum and/or maximum funding per project:**

A minimum funding budget per project is not fixed. The funding request, in terms of grant, of the Italian partners for each project cannot exceed € 250.000,00 .

### **Who can be eligible for funding (incl. industry participation)**

All legal entities listed in art. 60 of the Decree-Law n. 83/2012 as detailed in the notices issued to implement the call are eligible for funding.

According to art. 60 of the Decree-Law n. 83/2012 and art. 4 of its implementing Ministerial decree 115/2013, the following entities are eligible: enterprises, universities, research institutions, research organizations or any other legal entity which owns the requirements required by the “Avviso integrativo nazionale”, providing that they have stable organization in Italy.

#### Legal/administrative/financial conditions

- The participant must not be defaulting with regard to other funding received by the Ministry.
- The participant must not have requested/got any other funding for the same project.
- The participant must respect the Italian law against "mafia".
- Companies must have the financial means to execute the project and a potential to use the results.

#### Financial conditions

For any private entity, the following financial criteria, calculated using the data reported in the last approved balance sheet, must be fulfilled

$$CN > (CP - I)/2$$

Where:

CN = net assets (Capitale netto)

CP = sum of the costs of all the projects for which public funding has been requested by the participant during the year

I = sum of the contributions received, approved or requested for the same projects

$$OF/F < 8\%$$

Where:

OF = financial charges (Oneri finanziari)

F = turnover (Fatturato)

d) Additional national documents

## Financial contribution.

The contribution amount for national participants of the selected projects will be as follows:

Type of Organisation Type of activity	Percentage of costs covered by national funding	
	Enterprises, and any other private organization	Public Research Centers, Universities and any other public organization
Industrial/Applied Research	Grant: 20% Loan: 75%	Grant: 50% Loan: 0
Experimental development	Grant: 10% Loan: 70%	Grant: 25% Loan: 0

The “Avviso integrativo nazionale” may establish additional incentives for enterprises and any other private organization.

## Eligible costs

All costs listed in DM 115/2013 are eligible for this call, including also the costs for dissemination activities and the costs for project coordinations (only for those participants which are project coordinators)

## Additional forms.

All Italian participants must send to MIUR a set of additional national documents as defined in the “Avviso integrativo nazionale” published on the MIUR website.

The national additional documents must be sent by the end of the pre-proposal phase. Any participant who does not send its national documents by this deadline, will be considered ineligible.

## National priorities:

All themes supported by the international call are eligible for funding.

## Norway



### **Participating organisation:**

The Research Council of Norway  
(budget for this call: Up to 1 000 000 €)

### **National Contact Person(s):**

Dr. Kirsti Anker-Nilssen, Senior adviser and national JPI FACCE coordinator, The Research Council of Norway (RCN), Telephone: +47 48 07 38 98, E-mail: [kan@rcn.no](mailto:kan@rcn.no)

### **Name of & link to the funding programmes:**

FACCE-JPI is established as an independent activity in line with national programmes. A website is under construction.

### **Minimum and/or maximum project duration:**

Proposed projects may last up to 36 months

### **Minimum and/or maximum funding per project:**

The maximum grant for Norwegian participation is set to 500.000 € per proposal.

### **Who can be eligible for funding (incl. industry participation)?**

Norway will support Researcher Projects in this call. This implies that the responsible Norwegian partner in the project has to be a Norwegian research institution while Norwegian companies/groups of companies/trade and industry organizations are welcome to join the projects as partners or subcontractors.

Norwegian participation must fulfil RCN's requirements for researcher projects:

<http://www.forskningsradet.no/servlet/Satellite?c=Page&cid=1195592882768&pagename=ForskningsradetEngelsk%2FHovedsidemal>

The Norwegian participation must also follow RCN's General Terms and Conditions for R&D Projects:

<http://www.forskningsradet.no/servlet/Satellite?c=Page&cid=1138882213515&pagename=ForskningsradetEngelsk%2FHovedsidemal>

Only the Norwegian project partners of positively evaluated projects in the first step will be eligible for the second step. Project partners of financed projects will have to submit national application forms to The Research Council of Norway after notification.

**National priorities:**

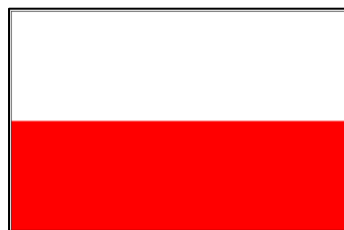
No additional national priorities.

**National information meeting:**

The Research Council of Norway will arrange a national information meeting on January 23<sup>rd</sup>, 10:00-12:00, at Lysaker, for researchers and other stakeholders interested in participating in the call. For registration, please send an e-mail to [kan@rcn.no](mailto:kan@rcn.no) before the 20<sup>th</sup> of January.

Information will also be given at [www.forskningsradet.no/bionaer](http://www.forskningsradet.no/bionaer)

## Poland



### Participating organisation:

The National Centre for Research and Development  
(Narodowe Centrum Badań i Rozwoju), [www.ncbr.gov.pl](http://www.ncbr.gov.pl) (500 000 €)

### National Contact Person(s):

- Kinga, Szymańska-Rzeźnik, Chief Expert, NCBR, 00 48 22 39 07 457, [kinga.szymanska@ncbr.gov.pl](mailto:kinga.szymanska@ncbr.gov.pl) (NCP1)
- Izabela, Rzepczyńska, Deputy Head of Department, NCBR, + 48 22 244 28 58, [izabela.rzepczynska@ncbr.gov.pl](mailto:izabela.rzepczynska@ncbr.gov.pl) (NCP2)

### Name of & link to the funding programmes:

- Funding programme BIOSTRATEG: [www.ncbr.gov.pl/programy-strategiczne/srodowisko-naturalne-rolnictwo-i-lesnictwo---biostrateg](http://www.ncbr.gov.pl/programy-strategiczne/srodowisko-naturalne-rolnictwo-i-lesnictwo---biostrateg)

### Minimum and/or maximum project duration:

Proposed projects may last up to 36 months.

### Minimum and/or maximum funding per project:

In relation to the budget limit (500 000 €) it is recommended that one project can require up to 200 000 €.

### Who can be eligible for funding (incl. industry participation)?

Following entities are eligible to apply:

- Research organisations
- Micro, Small, Medium and Large Enterprise.

Organization must be registered in Poland.

### **National priorities:**

Funding agency recommends that proposed projects should be in line with the National Research Programme and thematic areas of BIOSTRATEG (national strategic programme).

### **Additional eligibility criteria:**

All proposals must be aligned with National regulations, inter alia:

- The Act of 30 April 2010 on the Principles of Financing Science, published in Journal of Laws No. 96 item 615, 2010;
- The Act of 30 April 2010 on the National Centre for Research and Development, published in Journal of Laws No. 96 item 616, 2010;

### **Eligible costs:**

The eligible costs shall be the following:

1. **personnel costs** (researchers, technicians and other supporting staff to the extent employed on the research project);
2. **costs of instruments and equipment, technical knowledge and patents** to the extent and for the period used for the research project; if such instruments and equipment are not used for their full life for the research project, only the depreciation costs corresponding to the life of the research project, as calculated on the basis of good accounting practice, shall be considered eligible;
3. **costs for buildings and land**, to the extent and for the duration used for the research project; with regard to buildings, only the depreciation costs corresponding to the life of the research project, as calculated on the basis of good accounting practice shall be considered eligible; for land, costs of commercial transfer or actually incurred capital costs shall be eligible;
4. **cost of contractual research**, costs of consultancy and equivalent services used exclusively for the research activity; this cost type cannot account for more than **70%** of all eligible costs of a project; the subcontracting can be obtained from consortium partner only in justified case, this need will be verified by a national experts panel;
5. **other operating costs** including costs of materials, supplies and similar products incurred directly as a result of the research activity;
6. **additional overheads** incurred indirectly as a result of the research project; that costs cannot account for more than **25%** of all eligible project costs; That costs (6) are counted as a multiplication by percentage given above (called x%) and the rest of direct costs, excluding subcontracting (4); It means  $6=(1+2+3+5)*x\%$ .

### **National funding rates:**

Funding quota of Polish participants can be up to 100% for research organisations. In the case of enterprises, funding quota will be decided on a case-by-case basis depending on the size of the company, type of research/development, risk associated with the research activities and commercial perspective of exploitation. Organizations must be registered in Poland.

	<b>Large Enterprises</b>	<b>Medium Enterprises</b>	<b>Small Enterprises</b>	<b>Universities and research organizations</b>
<b>Fundamental/Basic Research</b>				Up to 100 %
<b>Industrial/Applied Research</b>	Up to 50+15 (max 65 %)	Up to 50+10+15 (max 75 %)	Up to 50+20+15 (max 80 %)	Up to 100 %
<b>Experimental development</b>	Up to 25+15 (max 40 %)	Up to 25+10+15 (max 50 %)	Up to 25+20+15 (max 80 %)	Up to 100 %

In case of enterprises only Industrial/Applied Research and Experimental Development will be fund. Other type of activities (e.g. coordination, dissemination, management) is not eligible for funding as separate research tasks in the project schedule.



## Romania



### **Participating organisation(s):**

Executive Unit for Financing Higher Education, Research, Development and Innovation (UEFISCDI) - 500.000 Euro.

### **National Contact Person(s):**

Bratu Luciana, Head of International Relations and Implementation Projects, UEFISCDI,  
Bd. Schitu Magureanu 1, et.3. camera 6, Sector 5, Bucuresti

web: [www.uefiscdi.gov.ro](http://www.uefiscdi.gov.ro)

Tel: 021 307 19 (10); (35)

E-mail: [luciana.bratu@uefiscdi.ro](mailto:luciana.bratu@uefiscdi.ro)

Asanica Adrian, Expert UEFISCDI

Tel: +40744.45.00.11

E-mail: [adrian.asanica@uefiscdi.ro](mailto:adrian.asanica@uefiscdi.ro)

### **Name of & link to the funding programmes:**

<http://uefiscdi.gov.ro/Public/cat/593/Parteneriate.html>

<http://www.cdi2020.ro/wp-content/uploads/2014/02/pn-cdi-2014-2020.pdf>

[http://www.cdi2020.ro/wp-content/uploads/2014/02/STRATEGIA\\_Versiunea-tehnica\\_Februarie-2014.pdf](http://www.cdi2020.ro/wp-content/uploads/2014/02/STRATEGIA_Versiunea-tehnica_Februarie-2014.pdf)

### **Minimum and/or maximum project duration:**

Proposed projects may last up to 36 months.

**Minimum and/or maximum funding per project:**

One project can require up to 250.000 €.

**Who can be eligible for funding (incl. industry participation)?**

Eligible entities for funding are universities, public institutions, R&D national institutions, joint-stock companies, SME's and Large companies, NGOs (associations, foundations, etc.), others. We can fund only Romanian research teams. For universities, public institutions, R&D national institutions funding is 100%, and for SMEs and Large companies, financing is under the permit N 542/2007 of the European Commission.

*Eligible costs:*

For the fundamental research activities, industrial research and experimental development, according to HG 134/2011, types of expenses are eligible, as follow:

a. Staff costs;

b. Logistics expenses

Capital expenditure ;

Expenditure on stocks - supplies and inventory items;

Expenditure on services performed by third parties cannot exceed 25 % of the funding from the public budget. The subcontracted parts should not be core/substantial parts of the project work;

c. Travel expenses;

d. Overhead (indirect costs) is calculated as a percentage of direct costs: staff costs, logistics costs (excluding capital costs) and travel expenses. Indirect costs will not exceed 20 % of direct costs, excluding the cost for subcontracting.

## Spain



### Participating organisation(s):

INIA, Instituto Nacional de Investigación y Tecnología Agraria y Alimentaria (National Institute of Agricultural and Food Research and Technology) (300,000 €)

### National Contact Person(s):

- Pablo Aller, Project Manager, INIA, +34 91 347 87 45, [eranets@inia.es](mailto:eranets@inia.es)
- Rocío Lansac, Unit Coordinator, INIA, +34 91 347 87 89, [eranets@inia.es](mailto:eranets@inia.es)

### Name of & link to the funding programmes:

- INIA's funding programme for this ERA-NET CoFund: fundamental research projects for agricultural resources and technologies in partnership with autonomous regions, and of complementary actions <http://www.inia.es/inia/>

### Minimum and/or maximum project duration:

Proposed projects may last from 12 to 36 months

### Minimum and/or maximum funding per project:

One project can require up to 75.000 €. There can be several Spanish partners per project proposal.

### Who can be eligible for funding (incl. industry participation)?

Applicants must be national public research organisations and public universities. The rest of organisations (ONGs, foundations, enterprises, SME, etc.) are also welcome to participate by their own resources.

### **National priorities:**

- Economic and environmental assessment of integrated food and biomass systems under different agro-ecological conditions and a whole chain assessment of biorefining technologies and production systems based on green biomass.
- Combining production systems for food, feed, fibre and biomass for biorefinery with cascade use of agricultural products, by-products and waste for innovation and optimal use of agricultural products.
- Assessing and increasing biological resource use efficiency of agricultural systems for a sustainable and environmentally friendly development of agricultural production also under climate change.
- Choice of plant species suited for pluriannual productions (e.g. short rotation coppice) as well as for applications and multi-purpose processes: Managing the trade-offs between choice of multi-purpose species vs. of versatile plants vs specialized crops.
- Options for synergy between ecosystem services and biomass harvest from semi-natural grasslands via biorefinery creating high value products and bioenergy.
- Land-use strategies around biomass production to minimize land requirement to provide a given volume of biomass including also global-scale modeling for indirect effects.
- Increased sustainability by more efficient use of available resources (light, water, major nutrients, minerals).

### **Eligibility**

The call is addressed to national public research institutions and public universities.

The requested contribution for Spanish partners in a project consortium shall not exceed 75.000 Euro.

Project consortiums have to be composed by at least three countries participating in the call.

All areas mentioned in the call text are eligible, although the topics listed in the previous section (National priorities) will be prioritized.

Interdisciplinary research proposals and participation of enterprises and SMEs will be prioritized.

### **Funding**

Funding can be granted to research teams according to the rules and procedures of INIA.

Funding will be subject to availability of the national budget and under the Spanish rules (Ley 38/2003, de 17 de noviembre, General de Subvenciones).

It is advisable to communicate the intention to submit a proposal, and its details, to INIA (NCP) at least 7 days before the closing date for pre-proposals and full proposals, respectively.

## Admitted costs

Only costs arising after the start of the project are eligible, funding does not cover expenditure for activities implemented before the project has been granted. Subcontracts to carry out considerable parts of the research are not admitted costs, applicants should implement the project and should have the necessary resources to that end.

The beneficiary should break down the costs per year, as following:

### Direct costs:

- Personal: Only for non-permanent scientific staff and non-permanent technicians hired for the project. Under no condition are eligible expenses for permanent staff. Grants will not be eligible as personal costs.
- Consumables/Equipment: Any consumables necessary for the implementation of the project can be provided. Only essential scientific equipment purchased specifically for the project will be eligible.
- Travel:—can be charged as eligible costs in accordance with national rules (INIA web <http://www.inia.es/>) and only for personnel included in the project.

### Indirect costs:

Overhead costs must be calculated and must not exceed 20 % of the direct costs. Electricity, heating, some consumables (office supplies, toners for prints) and repairs are considered overheads.

The funds will be transferred to the beneficiary in annual payments. First annual will be transferred in an advance payment at the start of the project and the other(s) after scientific and financial justification by corresponding to each year. Annual scientific report in Spanish and English will be needed. Standards economic and scientific rationale for all beneficiaries of calls ERA-nets in which the funder is INIA are available at:

<http://www.inia.es/IniaPortal/goUrlDinamica.action?url=http://wwwsp.inia.es/RelInt/Era-nets/Noticias>

**NCP:** For further information please contact the INIA representatives:

- Pablo Aller, Project Manager, INIA, +34 91 347 87 45, [eranets@inia.es](mailto:eranets@inia.es)
- Rocío Lansac, Unit Coordinator, INIA, +34 91 347 87 89, [eranets@inia.es](mailto:eranets@inia.es)

National Institute of Agriculture and Food Research and Technology (INIA)

## The Netherlands



### Participating organisation(s):

Netherlands Organisation for Scientific Research (1.750.000 €)

### National Contact Person(s):

Martijn Los MSc. | Netherlands Organisation for Scientific Research | Department Earth and Life Sciences | Policy Officer | Telephone: +31 70 344 05 08 | [m.los@nwo.nl](mailto:m.los@nwo.nl) |

### Name of & link to the funding programmes:

NWO Earth and Life Sciences ([www.nwo.nl/alw](http://www.nwo.nl/alw)): Funding for international activities in the economic priority areas Agri&Food and Horticulture & Propagation Materials, linked to FACCE-JPI.

### Minimum and/or maximum project duration:

Proposed participations may last up to a maximum of 36 months.

### Minimum and/or maximum funding per project:

A single Dutch partner may request a maximum of 250.000 €, consisting of approx. 200.000 € for personnel and max. 50.000 € for materials (consumables and travel). For personnel funding can be requested for post-doc researchers (temporary position) only, with the exception of senior researchers with a fixed position at TO2 or HBO institutes for whom funding can be requested at post-doc level in this specific call (see additional criteria).

The maximum number of Dutch participants (applicable for funding) per consortium is two. Leading to a maximum funding of 500.000 € per project.

### **Who can be eligible for funding (incl. industry participation)?**

Funding can be applied for by associate, assistant and full professors or researchers with a comparable position who work within the earth and life sciences and hold an appointment at a Dutch university or a research institute recognised by NWO. For this specific call, this includes TO2 and HBO institutes (see additional criteria).

Non-eligible Dutch partners (e.g. private companies, foundations) may participate in a consortium at their own expense (i.e. as non-funded partner). These partners should provide written confirmation of their participation using the format provided in Annex C of the call for proposals.

### **Link to the national page of the call**

<http://www.nwo.nl/financiering/onze-financieringsinstrumenten/alw/era-net-surplus/era-net-surplus.html>

### **Additional criteria**

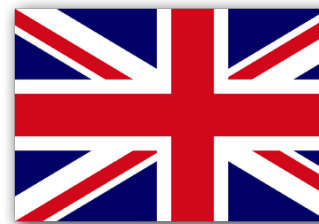
Unless indicated otherwise on the national page for this call, criteria applied for Dutch participation in this ERA-NET Cofund call of JPI-FACCE are similar to those of the Open Competition of NWO-ALW.

An individual Dutch applicant may request funding for only one project (part of a consortium) in this JPI-FACCE call.

As agreed with the Ministry of Economic Affairs and Ministry of Education, Culture and Science concerning the rules for international funding of transnational calls, the funding rates (post-doc/senior researcher level) applied to universities as well as TO2 and HBO institutes will be in accordance with the VSNU contract in the context of '[Akkoord bekostiging wetenschappelijk onderzoek](#)'.

TO2 institutes are defined as TNO, DLO (research institutes of Wageningen UR), the National Aerospace Laboratory (NLR), Energy research Centre of the Netherlands (ECN), Deltares and the Maritime Research Institute Netherlands (Marin). HBO institutes are defined as government funded HBO institutes as included in article 1.8 of the "[Wet op het hoger onderwijs en wetenschappelijk onderzoek](#) (WHW)".

## United Kingdom



### **Participating organisation(s):**

Department for Environment Food and Rural Affairs (Defra): € 1.000.000

### **National Contact Person(s):**

Mike Roper: Sustainable and Competitive Farming Strategy Programme Manager, Defra. + 44 207 238 3150;  
[mike.roper@defra.gsi.gov.uk](mailto:mike.roper@defra.gsi.gov.uk)

Luke Spadavecchia: SURPLUS Project Officer, Defra. + 44 207 238 4575; [luke.spadavecchia@defra.gsi.gov.uk](mailto:luke.spadavecchia@defra.gsi.gov.uk);

### **Name of & link to the funding programmes:**

The funding programme for this ERANet is Defra's Sustainable and Competitive Farming Strategy (SCFS) research and development programme under the combined SCFS/Sustainable Land and Soils Evidence Plan:

[https://www.gov.uk/government/uploads/system/uploads/attachment\\_data/file/221058/pb13928-evidenceplan-land-soils-farming-strategy.pdf](https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/221058/pb13928-evidenceplan-land-soils-farming-strategy.pdf)

This forms part of Defra's Departmental Evidence Strategy:

<https://www.gov.uk/government/publications/evidence-strategy-for-defra-and-its-network>

### **Minimum and/or maximum project duration:**

Projects may be from 12 to 36 months in duration

### **Minimum and/or maximum funding per project:**

There is no maximum or minimum funding per project



### **Who can be eligible for funding (incl. industry participation)?**

Funding will be provided according to the standard research requirement procedures of Defra at 100% of eligible costs over the project lifespan. Any UK researcher or organisation is eligible to bid within eligible transnational consortia. If UK research providers are involved in a successful proposal, then contracting and payments will be according to Defra's standard procedures and standard terms and conditions. Detailed information can be found in the research documents on the Defra website:

<http://www.defra.gov.uk/evidence/funding/>

While proposals relating to all three Subthemes in the Call are eligible, Defra has a particular interest in and will prioritise projects that are aligning national research projects with proposals in Subtheme 3 on 'The sustainable intensification of integrated food and non-food systems of agriculture'