



**SUSFOOD2 - A Horizon 2020 ERA-NET Cofund on Sustainable Food Production
and Consumption**

Announcement

Transnational Co-funded Call for Research Proposals

9 January 2017

This announcement provides you with the information on the Call topics, project eligibility and evaluation criteria, timeline, application procedure and contact details.

This is a revised version, updated on 16 February 2017. Changes were made to the funding table1 (Romania-UEFISCDI) and the footnote on page 6 as well as to the national regulations of Germany, page 28.

Closing date for pre-proposal submission: 13 March 2017 at 3 p.m. CET



The project receives funding from the European Union's Horizon2020 Research
& Innovation Programme under grant agreement no 727473, SUSFOOD2

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1. BACKGROUND OF THE CO-FUNDED CALL

1.1 The ERA-NET Cofund SUSFOOD2

The ERA-NET Cofund SUSFOOD2 - “**SUStainable FOOD production and consumption**” - started in January 2017 and is the continuation of the FP7 ERA-NET SUSFOOD (2011 - 2014).

The ERA-NET Cofund instrument under Horizon 2020 is designed to support public-public partnerships between Member States (and associated countries) for the implementation and coordination of networking activities in different fields of research, including the realisation of at least one joint transnational call for research and innovation projects which benefits from a budget contribution by the European Commission. This additional co-funding of the EU aims at contributing to an ampler selection of projects irrespective of the financial contribution of individual countries by filling in financial short comings.

SUSFOOD2 consists of a network of 26 partners from 15 countries (plus 2 associated partners from Belgium and New Zealand).

1.2 The objectives of the SUSFOOD2 network

The strategic goal of SUSFOOD2 complements the EU bioeconomy and food policies¹, and aims to reinforce cooperation in research, development and innovation between EU members and associated States in order to maximize the contribution of research to the development of more sustainable food systems from production to consumption.

Global demand for food is expected to rise by at least 60% by 2050². At the same time the food supply chain is under pressure due to limited resources, water scarcity, soil degradation, biodiversity loss and the impacts of climate change. More than one third of the food produced in the world today is lost or wasted³. Our food system has experienced huge transformation during the last century with changes in dietary preferences impacting on consumer health and food availability (e.g. increasing non-communicable diseases and obesity).

To meet these challenges we need to strengthen a sustainable⁴ food system providing opportunities for all stakeholders to develop a secure, resilient and competitive sector.

The scope of SUSFOOD covers the entire food supply chain with the main focus on food chain sustainability beyond the farm⁵ gate. The farm level will be considered if it has direct impact on the sustainability of the other steps in the food chain. More information can be found at <http://susfood-era.net>.

¹ <https://ec.europa.eu/research/bioeconomy/index.cfm?pg=policy&lib=foodsec>

² <http://www.fao.org/news/story/en/item/35571/icode/>

³ <http://www.fao.org/save-food/resources/keyfindings/en/>

⁴ SUSFOOD defines sustainability as: “A food system that supports food security, makes optimal use of natural and human resources, and respects biodiversity and ecosystems for present and future generations, and which is culturally acceptable and accessible, environmentally sound and economically fair and viable, and provides the consumer with nutritionally adequate, safe, healthy and affordable food”

⁵ Primary production from both land and sea

SUSFOOD2 promotes a cross-sectoral and multi-disciplinary approach from biology to food engineering and social sciences. It addresses the following socio-economic and environmental goals:

- To develop sustainable food systems from production to consumption, to increase food production sustainably while reducing waste in food supply chain and limiting environmental impacts;
- To improve the quality of life by improving food quality in a sustainable way and to ensure the resilience of the food supply chain;
- To encourage sustainable consumer behaviours and food choices;
- To improve competitiveness and economic growth in the European food industry with special attention to SMEs.

SUSFOOD2 starts its 5 year cooperation with the launch of a joint transnational call for Research / Research and Innovation collaborative proposals in the field of sustainable food production and consumption with an indicative budget of 14 M EURO including a co-funding by the EU of approximately 4 M EURO.

2. PARTICIPATION TO THE CALL AND FUNDING MODALITIES

The following partner countries will provide funds to the call: **Belgium (Flanders), Estonia, Finland, France, Germany, Ireland, Italy, Lithuania, Norway, Romania, Spain, Sweden, The Netherlands, Turkey, and UK.**

Project consortia will be able to submit “**Research**” or “**Research and Innovation**” proposals:

1. “Research”

Project consortia are expected to be formed **only by research organizations**

2. “Research and Innovation”

Project consortia are expected to be formed by **research organizations** and **industry** (enterprises)

The funding for transnational projects will be mainly based on a virtual common pot instrument. This means that applicants of projects that have been selected for funding will receive the grant directly from their national funding institution according to their terms and conditions.

Applicants are therefore strongly advised to consider the **National Regulations** published in Annex 3 of this document.

Applicants who cannot receive funding, e.g. from countries which are not funding partners in SUSFOOD2 or from countries which do not provide funding for a specific thematic area of the Call or where the funding parties support only certain types of organizations (industry or academia etc.), are welcome to participate in the Call. However, their costs need to be covered from their own resources or by other sources. They are not taken into account in the minimum

requirement of eligible partners and countries in the SUSFOOD2 eligibility criteria and cannot apply as coordinators of the research proposal consortium.

3. CALL TOPICS

Research/Research and Innovation project consortia must apply to one of the four topics, which will be funded according to the budget table 1:

Topic 1: Innovation in food processing technologies and products

Topic 2: Providing added value, increased resource efficiency and reduction of waste in sustainable food systems

Topic 3: Understanding consumer behavior and food choices

Topic 4: Harmonisation of the methods and metrics for integrated assessment of sustainability of food products and food patterns

For a detailed description of the topics see the call text in Annex 2.

*Call Announcement – SUSFOOD2
Transnational co-funded Call for research proposals*

Table 1: Overview on funding opportunities

Country	Organization	“Research” (contribution – in EURO)*	“Research and Innovation” (contribution – in EURO)*	TOPIC 1	TOPIC 2	TOPIC 3	TOPIC 4
Belgium	VLAIO		1,000,000	X	X		
Estonia	MEM	100,000		X	X	X	X
Finland	MMM	300,000		X	X		X
France	ANR	1,000,000			X		
Germany	BMEL	1,000,000		X	X	X	X
Ireland	DAFM	750,000		X	X	X	X
Italy	MIUR	500,000		X	X	X	X
Italy	MIPAAF	100,000		X	X		
Lithuania	MoALit	100,000		X	X		
Norway	RCN	700,000		X	X	X	
Romania	UEFISCDI	500,000		X	X	X	X
Spain	ADE		500,000	X	X		
Spain	CDTI		530,000	X	X		
Spain	MINECO	300,000		X	X		
Sweden	FORMAS	1,500,000		X	X	X	X
The Netherlands	NWO	750,000		X	X	X	X
Turkey	GDAR	300,000		X	X	X	X
United Kingdom	DEFRA	337,000**		X	X		

* Indicative national budget; a co-funding by the European Commission of 4 million EURO in total will be distributed and added for funding of research projects. The financial national contribution is addressed to the respective institutions participating in “Research” projects (“consortia formed by research organizations”) or “Research and Innovation” projects (“research organizations and industry”). The combination of partners is free and will result in a “Research” or “Research and Innovation” proposal (this means that e.g. if Sweden is funding only Research the Swedish research partner can still be part of a R&I proposal together with other research / industrial institutions from other partner countries).

** The contribution of DEFRA is £300,000 (sterling); this figure may differ according to the actual exchange rate

Please note that CORE Organic Cofund has launched a call in December 2016. SUSFOOD2 and CORE Organic Cofund will collaborate closely during the selection process to avoid overlap and double funding. For further questions, please contact the respective call offices.

4. TIMELINE

The call involves a 2-stage procedure with submission and selection of pre-proposals and, subsequently, invitation of shortlisted consortia to submit full proposals. The respective time schedule and activities required are listed in the table below.

Table 2: Call timeline

Event	Date
(Pre-Announcement)	06/12/2016)
Open Call for pre-proposals	09/01/2017
Webinar* addressed to interested applicants	16/02/2017 (tbc on website)
Closing date for pre-proposals	13/03/2017 – 3 p.m. CET
Evaluation (peer review)/Selection	16/06/2017
Invitation for submission of full proposals	26/06/2017
Closing date for full proposals	08/09/2017 – 3 p.m. CEST
Evaluation (peer review)/Selection	Mid December 2017
Negotiation and start of the projects	January – May 2018

*An online webinar will be offered to interested applicants to provide an overview of the call's scope, the requirements for proposal preparation and information on the submission tool; participants will also have the opportunity to ask questions; detailed information about date, time and registration will be available on the SUSFOOD2 website

5. CALL OFFICE

The Call Office will provide administrative and technical support to applicants regarding the call, call documents and procedures. It is the primary point of contact between the research project consortium and the SUSFOOD2 funding parties for all general matters in relation to the call.

Forschungszentrum Juelich GmbH (Juelich), Germany:

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The **National Contact Points**, listed in Annex 1, are supporting the Call Office and should be contacted for all matters regarding national regulations and funding. It is strongly recommended to get in touch with your National Contact Point in order to limit procedural errors.

6. APPLICATION - GENERAL ELIGIBILITY CRITERIA

The application has to meet and consider the following general eligibility criteria:

- The transnational consortium must consist **of at least three** independent eligible legal entities from at least three SUSFOOD2 partner countries listed in Annex 3;
- The application must be written in English;
- Projects should have a **maximum** duration of **36 months**;
- The requested total budget **cannot exceed 1.5 M €** per proposal (requested funding);
- Total eligible budget of a partner **cannot exceed 70 %** of the total eligible project budget in order to achieve balanced partnerships and ensure that responsibility and risks are shared;
- Registration to the Meta Knowledge Base (**MKB**) is compulsory (see next chapter 6.1).

6.1 SUSFOOD Meta Knowledge Base

The Meta Knowledge Base (<http://susfood-db-era.net/drupal/content/meta-knowledge-base>), realized during the previous SUSFOOD initiative, is an online freely accessible database listing national funding bodies, research organisations and research projects about sustainable food production and consumption. As mapping of the European research landscape (and connections with associated countries) is one of the aims of SUSFOOD, **registration to this database is a prerequisite to this call** (if you are a new user please register at <http://susfood-db-era.net/drupal/user/register>). During the call procedure, you will be asked whether all project partners are registered. To enhance the visibility of your institution/ your expertise, **it is also strongly recommended to post your** finished and running **research projects** within the scope of SUSFOOD2 in this database via a small abstract and some well-defined keywords. The output of this database might be used to map the research projects in Europe and Associated Countries in order to see the evolution in the current European research in the field of sustainable food production and consumption compared to the survey made in 2012. This database can also help you finding consortium partners.

For more information or assistance: Katrien.Broekaert@ilvo.vlaanderen.be

7. SUBMISSION OF PRE-PROPOSALS

Pre-proposals must be submitted by 13 March 2017, 15.00 CET.

The application procedure will be carried out online using the SUSFOOD2 call management tool <https://www.submission-susfood-era.net>, templates and online forms.

No other methods or means of submissions will be accepted. It will be possible to update and resubmit the pre-proposal as many times as required up to the submission deadline, but not after the deadline has expired.

Applicants should note that the online system may experience high traffic volumes in the last hours before the submission deadline and it is therefore highly recommended to submit the final version of the pre-proposal well in advance of the deadline to avoid any last minute technical problems. Requests for extensions to the deadline due to last minute technical problems will not be considered.

Please follow the instructions on the website to submit the pre-proposal.

The application should be submitted by the project coordinator on behalf of the project consortium (see below).

7.1 The project coordinator

Each project consortium needs to appoint a project coordinator, who, in any commissioned project, has the following role and responsibilities:

- Be the primary point of contact between the SUSFOOD2 consortium and the researchers on behalf of the project consortium from the submission of the pre-proposal until the publication of the final report;
- Submit the application on behalf of the project consortium;
- Compile and submit reports and other deliverables to the SUSFOOD2 network on behalf of the project consortium;
- Secure that all project milestones and deliverables are met and take action according to the project management plan if one or more partners fail to deliver;
- Inform the SUSFOOD2 consortium about any event that might affect the implementation of the project;
- Is fully responsible for the overall project coordination and will ensure that all work is carried to a high standard;
- Is responsible for sharing all information with project consortium partners.

Consortia have to be aware that failure of one partner within the consortium to meet the national/regional eligibility criteria will result in the rejection of the entire proposal. It is therefore strongly recommended that the project coordinator verifies that the project partners contact their National Contact Points in order to check their eligibility.

The project coordinator will NOT be responsible for the financial management of SUSFOOD2 project funding, which will be handled directly between the national research institutions / industries and their national funding agencies in each participating country.

7.2 Use of the online Submission Tool

It is the duty of the coordinator to enter the data online. The application must consist of:

- **Partner description** (core data): information about the coordinator (and about every partner, which they can enter themselves)
 - Title
 - Contact First Name
 - Contact Last Name
 - Login Name
 - Status of Organisation
 - Name of Organisation/Institution/Company
 - Department
 - Street No.
 - Zip/Postal Code
 - Town/City
 - Country
 - Email Address
 - Telephone Number
 - Mobile Phone Number (*not compulsory*)
 - References (*up to 5*)
 - Short description (*max. 1000 characters*) about current position of the partner and his collaborators in the project, fields of expertise and other relevant experience. Description of ongoing projects related to the present topic indicating project name, funding source and amount, and potential overlap or link with the current proposal (*if any*).
 - Task(s) in the project (*brief description, max. 3000 characters*)
 - VAT number (*compulsory for applicants having a VAT number*)
- **Information concerning the project:**
 - Project Title (*max. 200 characters*)
 - Project Acronym (*max. 15 characters*)
 - Research or Research and Innovation project
 - Project duration (*max. 36 months*)
 - Call topic
 - Keywords (*between 5 and 100 characters*)
 - Publishable Project Abstract (*max. 2000 characters*)
 - Description of Work (*max. 5 pages / 20.000 characters*)
 - Relevance and Excellence:
 - Project objectives and main hypothesis
 - Relevance of the proposal to the call scope
 - Innovation potential (ambition and novelty in relation to the state-of-the-art)

- Research approach and methodology (including multidisciplinary and cross-sectorial aspects when relevant)
- Description of the research activities to be developed (including provisional project structure and work package breakdown, and identification of lead participants)
- Impact:
 - Expected impact of the project
 - Transnational added value of the cooperation
- Finances (*with short explanation for each budget item*)
- Ethical issues (*max. 1000 characters*)

Preparation of the pre-proposal:

The project coordinator has to list all partners of the consortium. After having activated the partners in the submission platform, they receive a confirmation email and can change their contact data and complement their tasks in the project.

It is obligatory that **all the partners accept the national regulations** (click the respective **check box**).

It is strongly recommended to save regularly the changes in order to avoid any data loss. For security issues, an automatic logout is set up within this tool.

Data entered by the coordinator and the project partners in the SUSFOOD2 Submission Tool will be saved in a database and will be used to generate the pre-proposal document. The pre-proposal document is available, for information only, at any time for download and provides an overview of all entered data (it is not required e.g. to print it and send a hardcopy to the SUSFOOD2 Call Office).

Applicants should note that **information on the partner description (core data) cannot be changed in full proposals**, in particular, neither the composition of the consortia nor the funding requested by each partner in the second step unless explicitly requested by a Funding Party or the International Expert Committee.

The submission of a pre-proposal is mandatory and it will not be 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 evaluation experts and to evaluate the proposal.

For any technical questions regarding the submission, please contact the Call Office.

8. ELIGIBILITY CHECK FOR FUNDING

After the submission deadline all pre-proposals will be checked against different eligibility criteria:

- **General eligibility criteria:** The pre-proposal must comply with the call eligibility criteria mentioned in chapter 6.

- **National eligibility criteria:** All project partners involved in an application have to assure that requested costs and thematic areas are in line with the respective national eligibility criteria published in the National Regulations (see Annex 3). In case of uncertainties regarding the national criteria and regulations, please contact your National Contact Point.

- **Ethical issues:** Work involving the use of animals or humans should be carried out under the appropriate authorization taking into account local ethical requirements. Any proposal, which seems to contravene fundamental ethical principles, shall not be selected, and may be excluded from the evaluation and selection procedure. Judgment of the significance of ethical issues will be made by using the criteria published by the Commission in its guidelines for the Horizon 2020 Framework Programme http://ec.europa.eu/research/participants/data/ref/h2020/grants_manual/hi/ethics/h2020_hi_ethics-self-assess_en.pdf

In case one partner of the project consortium appears not to be eligible, the Call Group, which consists of all SUSFOOD2 funding parties, will reject the pre-proposal.

Pre-proposals which are eligible in terms of the formal and national eligibility criteria will be identified. Only pre-proposals which meet these criteria will be forwarded to the expert evaluation.

9. EXPERT EVALUATION OF PRE-PROPOSALS

Eligible pre-proposals will be subjected to a peer review evaluation by a panel of international experts, the International Evaluation Committee (IEC). The IEC ranks the proposals based on a set of criteria (equally weighted):

- Coherence and pertinence of the objectives, contribution to the call topics
- Scientific quality, innovation potential (including multidisciplinary and cross-sectorial aspects)
- Appropriateness of the research methodology, feasibility, adequacy of the budget
- Quality of the consortium, complementarity among partners, added value of the transnational cooperation
- Potential impact of projects results

Additionally to the above mentioned criteria, also the **Ethical issues (see under chapter 8)** will be assessed by the experts to complement the information provided by the funders.

The IEC is composed of international experts with acknowledged scientific excellence. The members of the IEC are proposed and selected by the Call Group members considering the research areas covered by the submitted proposals. Expertise, impartiality, confidentiality, will be heavily taken into account for the experts' appointment.

Each pre-proposal will be evaluated by 3 experts.

The scoring system uses a 5-point scale for all review criteria. The IEC will provide the pre-proposal evaluations and will also have the possibility to suggest specific recommendations. The evaluations will be used for delivering a ranking list.

10. SELECTION OF PRE-PROPOSALS

The Call Group members will meet in order to select, on the basis of the experts ranking list and recommendations, the consortia to be invited to submit a full proposal.

The criteria for selection are:

- experts' ranking list and recommendations;
- national funding availability: each funding organization should not oversubscribe the available national budget by more than 3-4 times;
- geographical balance in case of projects with the same score.

All pre-proposal consortia will be informed of the outcome of the selection process by the Call Office.

An invitation to submit a full proposal does not implicitly result in the right of getting funded by the SUSFOOD2 funding parties - even if the full proposal gets evaluated positively by the experts' panel (the final selection will be based on the ranking list provided by the IEC and the available funding resources).

11. SUBMISSION OF FULL PROPOSALS

Only research consortia which have successfully passed the first step will be invited to submit a full proposal with a deadline of 8 September 2017 – 3 p.m. CEST. Full proposals must be submitted online <https://www.submission-susfood-era.net> by the research consortium coordinator.

Additional information for the submission of full proposals (guideline and template) will be available with the invitations for full proposals and published on the SUSFOOD2 website.

The information provided in the pre-proposal will be automatically imported into the full proposal.

The SUSFOOD2 Call Group expects that the main content and the consortium composition will stay unchanged in the full proposal, unless changes are requested due to recommendations from the IEC or the Call Group / Funding party. The consortium is strongly advised to get in contact with the Call Office / involved national contact points in case of changes not recommended.

12. ELIGIBILITY CHECK AND EXPERT EVALUATION OF FULL PROPOSALS

General eligibility criteria and national / regional eligibility assessed at the stage of pre-proposal will be checked again at the stage of full proposal.

Eligible full proposals will be subjected to a peer review evaluation by the International Evaluation Committee (IEC) appointed for evaluation. Each proposal will be evaluated by at least three experts. Evaluation will assess, according to the EC rules, the following criteria:

- Excellence of the research proposal consortium
- Impact of the project results
- Quality and efficiency of the implementation of the project

However, the Call Group may develop some further evaluation sub-criteria (available later in the guidelines for the submission of full proposals).

Evaluation by the IEC will result in a ranking list.

13. SELECTION OF PROJECTS TO BE FUNDED

The funding parties will take the final decision for national / regional funding following the order of the ranking list provided by the IEC according to Horizon 2020 rules, i.e. [the selection will be made on the basis of the ranking according to the evaluation results](#).

The outcome of the selection will be communicated by the Call Office to the project coordinators, who will be required to inform their partners respectively.

14. CONFIDENTIALITY & CONFLICT OF INTEREST

In order to avoid any conflict of interest no funding party of the ERA-NET SUSFOOD2 will be involved in the evaluation procedure (incl. the appointment of the International Evaluation Committee), if the Partner or its affiliates plan to respond themselves to this call.

The proposals will be handled confidentially by the SUSFOOD2 Call Office, by the national / regional funding parties and the mandated experts responsible for the evaluation of the proposal. In selecting the international experts for the IEC, the Call Group shall also endeavour to avoid any possible conflicts of interest.

Each expert will have to sign a declaration of confidentiality and conflict of interest. The online evaluation tool will include a feature which will prevent access to the proposal in case a conflict of interest is declared by the expert.

An independent observer will follow the evaluation and selection of the projects. The observer [will prepare a report describing the implementation of the procedure and highlighting the main findings of the call](#) (in line with Horizon 2020 rules).

15. OBLIGATIONS FOR FUNDED PROJECTS (CONTRACT CONDITIONS)

15.1 Terms of participation

The national funding of the SUSFOOD2 Call is offered under the coordination of the Horizon 2020 ERA-NET SUSFOOD2. Partners of the Research / Research and Innovation project consortium are required to recognize the coordinating role of SUSFOOD2 throughout the duration of the funded research projects until the publication of the final report. Each Project consortium will be asked for a feedback on the processes in order to help to refine them for the future use.

15.2 Contractual Relationships

SUSFOOD2 is a collaboration between national funding parties with the aim of establishing transnational research collaboration. The contracts with researchers and industries are in the responsibility of the national funding parties as well as the funding procedures.

Because of the fragmented nature of the funding, care will be taken to ensure that the individual contracts are synchronized both in time and content, so that the project consortium can deliver transnational outputs as described in the project proposal. The national funding parties have to ensure that common SUSFOOD2 conditions are met (e.g. common start date of a given project, reporting requirements etc.).

15.3 Funding Contracts

For the whole duration of the contract it is the responsibility of the Project Coordinator to inform the SUSFOOD2 consortium about any changes of the project, i.e. modifications of the work plan, the project consortium or the contract. The communication should be transmitted through the SUSFOOD2 Monitoring Group for approval.

Any financial issue is under the responsibility of each national funding party involved in the approved project.

15.4 Consortium Agreement

All consortia selected for funding are required to sign a Consortium Agreement (CA) before the official project start or in any case no later than three months from the project start. The CA should address matters on management of project activities, finances, Intellectual Property Rights (IPR) and how to avoid and solve disputes which might be detrimental to the completion of the project. The Consortium Agreement must specify in particular (i) the sharing of the intellectual property rights of the project results; (ii) the conditions of publication / dissemination of the results; (iii) the technology transfer and the exploitation of the project results.

It will be the responsibility of the project coordinators to draw up a Consortium Agreement suitable to their own group.

In some countries / regions, such an agreement might be required for release of the funds. Applicants have to obey National Regulations regarding this issue.

Support for the preparation of a Consortium Agreement can be found on the [DESCA webpage](#).

15.5 Intellectual Property Rights, use and access to results

Results and new Intellectual Property Rights (IPR) resulting from projects funded through the SUSFOOD2 Call will be owned by the project partners according to the conditions stated in their Consortium Agreement. At the project level IPR will be considered according to national rules. Applicants should consult the individual funding agency, should any queries arise.

Researchers are encouraged to actively exploit the results of the research project and make them available for use, whether for commercial gain or not, for public benefit to be obtained from the knowledge created.

15.6 Start and end dates of projects

A project can start when all national contracts have been concluded. Once the national contracts come into force, eligible national costs may be claimed according to the national procedures. Projects should start between January and May 2018. In any case, projects must finish by **31st May 2021**.

15.7 Project monitoring, meetings and reporting

Partners from each funded project are expected to organise regular project meetings. The costs for these meetings must be included in the project budgets.

An internal SUSFOOD2 monitoring group will follow the work performed by the projects' consortia and may attend to the projects' meetings.

To enhance dissemination of the project results, additionally or in parallel to the own project meetings, all project consortia should calculate costs for the attendance of three mandatory SUSFOOD2 Network meetings (kick-off-, midterm- and final meeting) in their project plan.

In order to promote the coherence of this European research programme, project coordinators will be required to submit a mid-term and a final report to the SUSFOOD2 network about the results of the project (in addition to reporting required by the national rules).

15.8 Dissemination requirements

Dissemination of project outputs is obligatory and in the responsibility of the funded project partners. Plans for dissemination of the results have to be described in the full proposals and are considered in the evaluation procedure. This can be organized in the form of various communication routes such as scientific papers, posters, stakeholder involvement, course or training material, web based tools, workshops or direct intervention towards end users.

Further, the project partners have to acknowledge the transnational funding of the SUSFOOD2 ERA-NET Cofund and the individual national funding parties in any document that is published (in written, oral or electronic form) within the research project.

15.9 Publishable data

A list of the funded projects will be published at the end of the evaluation process (after the funding decision). Therefore applicants should be aware that the following data from the full proposal will be published:

- Project Title and Project Acronym
- Theme and Topic of the project
- Organisation name and country of each partner
- A short publishable summary of the project

ANNEX 1 – National Contact points

Country	Organisation	Name	Contact details (E-Mail/Telephone)
Belgium	Agency for Innovation and Entrepreneurship - Agentschap Innoveren en Ondernemen (VLAIO)	Marianne Claessens Elsie Declercq	marianne.claessens@vlaio.be +32 2 432 42 09 elsie.declercq@vlaio.be +32 2 432 42 78
Estonia	Ministry of Rural Affairs (MEM)	Helena Pärenson	helena.parenson@agri.ee +372 6256550
Finland	Ministry of Agriculture and Forestry (MMM)	Suvi Ryyänen	Suvi.ryynanen@mmm.fi +358 295162126
France	Agence Nationale de la Recherche (ANR)	Claude Yven	claud.yven@agencerecherche.fr +33 (0)1 73 54 82 87
Germany	Federal Office for Agriculture and Food (PM-BLE)	Annika Fuchs	annika.fuchs@ble.de +49 228 6845 3746
Ireland	Department of Agriculture, Food & Marine (DAFM)	Patrick Barrett	Patrick.Barrett@agriculture.gov.ie +353 1 6072302 +353 86 8307726
Italy	Ministry of agricultural food and forestry policies (MIPAAF)	Elena Capolino Roberta Volpi	e.capolino@politicheagricole.it +39 055 2492220 r.volpi@politicheagricole.it +39 06 46655317
Italy	Ministry of Education, Universities and Research (MIUR)	Mauro Bertelletti Aldo Covello	mauro.bertelletti@miur.it +39 06 5849 7392 aldo.covello@miur.it +39 06 5849 6465
Lithuania	The Ministry of Agriculture of the Republic of Lithuania (MoALit)	Joana Bacevičienė Vilma Kraujalytė	joana.baceviciene@zum.lt +370 5 239 1024 vilma.kraujalyte@zum.lt +370 5 239 1084
Norway	The Research Council of Norway (RCN)	Turid Hiller	thi@rcn.no +4740634254
Romania	Executive Agency for Higher Education, Research, Development and Innovation Funding (UEFISCDI)	Adrian Asanica Luciana Bratu	adrian.asanica@uefiscdi.ro +4 0744 450 011 luciana.bratu@uefiscdi.ro +4 0744 450 011
Spain	Centro para el Desarrollo Tecnológico Industrial (CDTI)	Eduardo Cotillas	eduardo.cotillas@cdti.es +34 915815500
Spain (Castilla y León)	Agencia de Innovación, Financiación e Internacionalización Empresarial de Castilla y León (ADE)	Isabel Gobernado Mitre Carmen Verdejo Rebollo	gobmitma@jcy.l.es +34 983324242 verrebca@jcy.l.es +34 983324189

*Call Announcement – SUSFOOD2
Transnational co-funded Call for research proposals*

Country	Organisation	Name	Contact details (E-Mail/Telephone)
Spain	Ministry of Economy, Industry and Competitiveness (MINECO)	Leonor Gómez Ana Barra	era-agro@mineco.es +34 916037269 era-agro@mineco.es + 34 916038398
Sweden	The Swedish Research Council for Environment, Agricultural Sciences and Spatial Planning (FORMAS)	Susanne Johansson Erika Ax	Susanne.Johansson@formas.se +46 (0) 8 775 4020 Erika.Ax@formas.se +46 (0) 8 775 40 26
The Netherlands	Netherlands Organisation for Scientific Research (NWO)	Theo Saat	t.saat@nwo.nl +31 (0)70 344 07 91
Turkey	Ministry of Food, Agriculture and Livestock General Directorate of Agricultural Research and Policy (GDAR)	Ahmet Budaklier	abudaklier@tagem.gov.tr +90 312 3157623
UK	Department for Environment, Food and Rural Affairs (Defra)	Sophie Rollinson	Sophie.Rollinson@defra.gsi.gov.uk + 44 0208 026 4117

ANNEX 2 – Call text

Topic 1: Innovation in food processing technologies and products

How can innovation in processing and technology pave our way to sustainable food production to meet consumer needs in the future?

Meeting these future challenges for the food system provides a huge opportunity for the industry to support economic growth, through increased productivity to develop a competitive and sustainable sector which is resilient to climate change and shocks to the system (extreme weather, market volatility).

Research fostering new ideas and innovative solutions in food processing technologies can contribute to sustainably produced food and ensure a resilient agri-food sector by making better use of resources, development of new ingredients with high nutrient density, reducing environmental impacts, assuring safety and nutritional food quality and taking into account the bioavailability of the nutrients. This requires more efficient food processing, packaging and distribution embracing the retail and catering sectors and to produce food which is safe, healthy, enjoyable, affordable, and nutritionally balanced to meet the needs of, and is accepted by, future consumers.

To achieve this, food manufacturing, processing and technological systems have to be more resource efficient, flexible, automated and reduce food loss and waste (and increase shelf life) at each stage of the supply chain.

Projects contributing to these goals will optimize the nutritional quality and functional/structural properties of food and use (or re-use) of new/under-exploited raw materials from land and sea and new ingredients from by-products in food processing and manufacture. Consideration of food safety aspects of new materials and novel or alternative processing technologies, including minimal processing, should be integral to the research.

Expected outcome:

More resource-efficient and innovative technologies and approaches for food processing and manufacturing to optimize nutritional quality which are accepted by, and meet the needs of consumers. Valorization of new raw materials that increase competitiveness, address sustainability (environmental, social, economic, nutritional perspectives) and bring added value. Economic growth in the food and drink sector of Europe and beyond should be stimulated with positive effects on both food quality and the environment.

The project should include relevant stakeholders to ensure incorporation of these new systems and processes into existing food processing plants. Cooperation with the food processing industry (including SMEs) is recommended.

Topic 2: Providing added value, increased resource efficiency and reduction of waste in sustainable food systems

How can we make most out of the resources along a complex food chain?

To have a resilient, efficient and competitive food and drink sector with low environmental impacts, innovations in input, waste and side flow strategies are needed to achieve high valorization in our present and future food production system.

Research is needed to develop new solutions to design the whole supply chain to create the most efficient production and processing operations, optimize use of diverse new or traditional raw materials and ingredients (from land and sea), energy and water as well as use of smart packaging materials, out of specification materials, co-products and waste streams. Future production systems and supply chain management need to follow a holistic and zero-waste philosophy, requiring better planning and organization of the value chain (e.g. smart logistics, improved storage or recycling technologies) including advanced manufacturing solutions and ICT functions. The redesign must ensure food safety and should optimize organoleptic and nutritional quality to meet consumer needs and acceptance. Moreover, a sustainable food system has to be a climate smart (adaptation and mitigation).

Research to develop these systematic changes will need a dialogue with stakeholders along the value chain to improve acceptability and practical uptake of results (e.g. industry, consumers, regulatory authorities etc.). Projects may benefit from impact or life cycle assessment, including economic aspects.

Expected outcome:

More efficient use (and re-use) of raw materials, resources (energy, water etc.), processing techniques and waste reduction for maintaining or improving food quality within whole supply chains and food systems with improved environmental benefits.

To inform intervention strategies to reduce waste in the food chain and re-use of valuable components to the benefit of industry, policy makers and end-users.

Topic 3: Understanding consumer behaviour and food choices

What determines consumer behaviour and choices and how can we facilitate sustainable behaviour?

Sustainable production and consumption of food with reduced impact on environment and climate can only be achieved if all actors of the food system such as food industry, government, customers and consumers work together to encourage, produce and consume a healthy, affordable and sustainable diet.

In order to engage the consumer in the transition towards a sustainable food system, new insights are needed on which factors actually drive consumers' purchasing practices, priorities (cultural, sensorial), preparation methods, storage and their attitude towards food waste.

This research topic encompasses socio-economic, cross-cultural and individual drivers and barriers to adopting healthy and sustainable diets. Relevant factors are consumer attitudes - the understanding (and appreciation) of and relationships towards sustainable production and consumption. Formal and informal education, social learning, commercials, commercial drivers, costs, discounts, nudging, etc. play an important role. The change in demography and consumer acceptance of new technology to support sustainable food production and consumption is expected to impact on food choices. Moreover, consumer behaviour is affected by climate change, which vice versa has impact on food composition and the food system as a whole. Changes may take place based on improved knowledge, upcoming diets, affordability, prioritized use of resources based on attitude, including cultural factors, knowledge, accessibility, and the interaction of these factors.

In addition to improved knowledge of how products appeal to the customer, changes in consumer attitudes, expectations and behaviour requires improved knowledge on how to increase the populations' motivation factors for choosing a sustainable diet.

To achieve this it should be taken into account, that there is a mutual interaction between changes in consumer choices and changes in the range and availability of products supplied to consumers, e.g. changes in diets for a larger group of consumers will have repercussions on social and economic aspects in the food sector.

Proposals should therefore look into the relationship between consumers and food producers. A mutual understanding and communication of consumer and producer needs should be a prerequisite in the transition towards sustainable food systems.

Existing knowledge (practices, interventions, policies etc.) in the field of this topic should be taken into account and improved and standardized assessment methods should be employed.

Expected outcome:

Insight into how sustainability choices can become the preferable choice for the consumer.

Proposals may consider both technological as well as social innovation and should provide solutions with high acceptability, following a multi-stakeholder approach and actively involving different relevant actors from the food system where possible.

Topic 4: Harmonisation of the methods and metrics for integrated assessment of sustainability of food products and food patterns

How to assess and evaluate sustainability in food systems?

A sustainable food system is complex and inter-linked. The pressures, trade offs and ‘win wins’ impacting on the sustainability of food need to be better understood from a variety of perspectives such as environment, socio-economic, product safety, nutrition, occupational welfare, animal welfare and local market presence.

For stakeholders to be able to assess and evaluate the sustainability of food products within a food system there is need to develop harmonized and transparent methods and metrics to measure, monitor and assess sustainability of food production and consumption.

The methods and metrics to measure sustainability should take a whole food chain perspective: This includes primary production, food processing, manufacture, distribution, logistics, catering and consumption of food in various contexts including management of side flows and wastes and circularity of resources. Harmonization comprises the essential categories of impact assessment: environmental, social, economic and nutritional impacts.

The development of affordable and less complex tools for rapid screening of food sustainability could be an additional challenge of the harmonization process. The development of harmonisation should not duplicate existing activity and research should consider optimising use of existing data and results from stakeholders, e.g. public European databases, extensive measurements of the sustainability of products and tests of measuring methods, as well as considering any requirements for new data. Ensuring the validity, reliability, specificity and sensitivity of the harmonisation measures and metrics is integral to the research.

Analyses on how new data collection and models align with national systems and policies should be considered. The harmonization process should be piloted including via modelling of food systems at various scales and alternative food systems (taking into account already existing models). The establishment, maintenance and running cost of modelling options should be considered.

Expected outcome:

Harmonised tools for assessing the sustainability attributes of various food products and food systems and evidence to develop a better understanding of their application in practice.

The work needs to take account of, and not duplicate, the H2020 call BB-02-2017 (BB-02-2017: Towards a method for the collection of statistical data on bio-based industries and bio-based products)

ANNEX 3 – National Regulations



Belgium (Flanders) - Agency for Innovation and Entrepreneurship - Agentschap Innoveren en Ondernemen (VLAIO)

Participating organisation

-Agentschap Innoveren & ondernemen (Flanders Innovation and Entrepreneurship (1,000,000 euro)

National Contact Person(s)

-Marianne Claessens, scientific advisor,

phone : +32 2 432 42 09

e-mail : marianne.claessens@vlaio.be

-Elsie Declercq, scientific advisor

Phone : +32 2 432 42 78

e-mail : elsie.declercq@vlaio.be

Name of & link to the funding programmes

-Industrial innovation projects for sme's (kmo-innovatieprojecten):

<http://www.iwt.be/subsidies/kmo-innovatie>

-Industrial innovation projects for large companies: <http://www.iwt.be/subsidies/sprint>

-Industrial R&D projects:

<http://www.iwt.be/english/funding/subsidy/industrial-projects>

Minimum and/or maximum project duration

Projects may last from 6 to 24 months

Minimum and/or maximum funding per project

The minimum and maximum funding per project follows the national rules of the funding scheme (mostly a minimum budget of 50,000 euro will be mandatory, maximum funding per partner is 250,000 euro).

The maximum funding percentage for industrial projects it is 25 – 80 % depending on the size of the enterprise and on the TRL level.

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

The eligible partners are Flemish enterprises (with legal entity in Flanders), minimum 1 Flemish enterprise needs to apply for funding. Enterprises can involve scientific partners and subcontractors in the project.

National priorities

No priorities as long as the projects fit in the program (no thematic restrictions).

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

Application for funding via Agentschap Innoveren en Ondernemen

VLAIO will provide information on the VLAIO website for applicants with additional templates to be completed. Those templates are mandatory to check the national eligibility and must be sent to the Agentschap Innoveren en Ondernemen on the date of deadline of the pre-proposals. We kindly ask the applicants to apply for a meeting with the Agentschap Innoveren en Ondernemen ultimately 2 weeks before the deadline to check the eligibility aspects.



Estonia - Ministry of Rural Affairs (MEM)

Funding commitment

100,000 €

National Contact Person(s)

Helena Pärenson, Chief Specialist of the Research and Development Department, Ministry of Rural Affairs, +372 625 6550, helena.parenson@agri.ee

Name of & link to the funding programmes

The national programme “Applied Research and Development in Agriculture 2015-2021”, is the main funding programme, <http://www.agri.ee/et/pollumajanduslikud-rakendusuringud-ja-arendustegevus-aastatel-2015-2021>

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>

Maximum project duration

36 months

Maximum funding per project

100,000 €

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

Participants must be universities or research organisations.

Additional information

The total requested funding for all Estonian partners within one consortium may not exceed 100,000 €.

Scientific results of the projects must be made publicly available.

It is not necessary to submit any additional national application forms to the Ministry; 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.



Finland - Ministry of Agriculture and Forestry (MMM)

The main national criteria emphasize that the research shall benefit the agri-food livelihood. The work carried out must be pre-competitive research and/or prototype demonstration. Product development supporting individual companies will not be supported. Finnish companies may be funded with a given percentage of the budget, depending on the size of the company and the type of research (e.g. basic / applied). If companies will be included in the proposal, please contact MMM before leaving the application. The general conditions (in Finnish) are at the web page: <http://mmm.fi/tutkimus-ja-kehittaminen/lomakkeet-ja-ohjeet> (Makera)

Financial involvement must be clearly stated in the application. The application must contain a plan for communication of results. The maximum amount of the costs applied from MMM may not exceed 175,000 € per project.

Funding does not cover expenditures for activities before the project has been granted. Normally 50-70 % of the project's gross eligible costs can be covered by the MMM 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 employee costs and overheads the applicant has to give an account to the ministry.



France - Agence Nationale de la Recherche (ANR)

Eligibility criteria

To be eligible, French partner must respect all the following criteria:

-Topics of the call

ANR supports only **Topic 2: Improving input, waste and side flow strategies to increase resource efficiency and create added value**. ANR is supporting both Research and Research and Innovation.

-Similarity with another proposal

The French part of the project proposal must not be judged similar to a project that is already funded by ANR. A project proposal will be judged similar to another if its principal objectives are the same, or results from a simple adaptation to the terms of the call for proposals **AND** the composition of the consortium is largely identical.

-Requested funding

The amount of money a project can require must be between 15,000 € and 250,000 €. If there are more than one French partner, then the 250,000 euros have to be shared. A partner cannot require less than 15,000 euros.

-Consortium composition

ANR funding is limited to project partners residing in France. To be eligible, the consortium must include at least one French partner of a public research organization

The association with a private partner is encouraged but not mandatory. If a non-French private partner is involved in a project, it is mandatory to involve a French enterprise; unless the French partners will be declared not eligible.

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 considered to infringe an intellectual property right characterizing a counterfeit within the meaning of intellectual property.

Important recommendations

- The French project coordinator should devote at least 30% of his/her research time to the project;
 - 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 fellowship cannot be less than 12 months.
- More information about conditions of participation and important recommendations for French participants will be published on ANR website.



Germany - Federal Ministry of Food and Agriculture (BMEL)

Eligibility

Eligible applicants are German Universities, German non-University Research Institutes registered in Germany.

Funding rates for universities, and non-university research institutes can be up to 100% of their costs.

The following costs are eligible for funding:

- Personnel
- Consumables
- Subcontracts
- Equipment
- Travel

Note: For BMEL overhead costs are not eligible.

Funding

1 Mio. € (topics 1, 2, 3, 4)

We recommend not to exceed 250.000 € for the requested funding amount for all German applicants per project.

BMEL funding of the ERA-NET Susfood co-funded Call is provided as delineated in the national announcement published in the Bundesanzeiger, link to be found on BLE homepage www.ble.de.

-Proposed projects must be in line with the national announcement.

-Each member of the consortium must clearly present their goals and work within the project, global and local (country-specific), the financial and time tables and the points of actual collaboration with the international partners.

-Double funding is not possible.

-The German project partners of positively evaluated full proposals will, at a later stage, be invited to submit national application forms (AZA or AZK) using the electronic proposal assistant “easy” (see <https://foerderportal.bund.de/easyonline/>) for details.

Note: The guidelines for preparing AZA/AZK have to be considered for any cost calculations in the full proposal!

Contact

Federal Office for Agriculture and Food (PT-BLE)
Deichmannsaue 29

53179 Bonn - Germany
Annika Fuchs
T: +49 228 6845 – 3746
F: +49 228 6845 – 3041
E: annika.fuchs@ble.de



Ireland - Department of Agriculture, Food & Marine (DAFM)

Funding commitment

750,000 €

National programme

Irish support for SUSFOOD 2 is provided through DAFM's Food Institutional Research Measure (FIRM) Fund. See <http://www.agriculture.gov.ie/research>.

National Contact Points for the call

Patrick Barrett

Patrick.Barrett@agriculture.gov.ie

+353 1 607 2302

Eligible institutions (beneficiaries)

All DAFM approved RPOs in Ireland (including Teagasc, and the Higher Education Institutes) are eligible to participate and submit proposals.

- See ERA-NET SUSFOOD 2 Call 2017 - Guidelines for Irish Applicants for full details

Type of research eligible for funding

Irish applicants can apply for projects under Research Areas 1, 2, 3 or 4.

- See ERA-NET SUSFOOD 2 Call 2017 - Guidelines for Irish Applicants for full details

Eligible costs

- See ERA-NET SUSFOOD 2 Call 2017 - Guidelines for Irish Applicants for full details

Maximum duration of projects

36 months

Additional Information

- See ERA-NET SUSFOOD Call 2017 - Guidelines for Irish Applicants for full details



Italy - Ministry of agricultural food and forestry policies (MIPAAF)

Eligibility of the projects

Research projects and research and innovation projects are both eligible.

Mipaaf is funding the Call

Topic 1: Innovation in food processing technologies and products

Topic 2: Providing added value, increased resource efficiency and reduction of waste in sustainable food systems,

for research activities on:

Olive – Olive oil products;

Milk and Dairy products;

Research proposed by national applicants must consider the strategy of the Plan 2014-2020 for Innovation and Research in the Agricultural, Food and Forestry Sector (<https://www.politicheagricole.it/flex/cm/pages/ServeBLOB.php/L/IT/IDPagina/7801>).

Mipaaf (Direzione generale dello sviluppo rurale - DISR IV, acting as funding body) rules for eligibility and allocation of the financial contribution are given in the User's Manual (Manuale utente) which applicants must refer to (D.M. 27532/2016 at <https://www.politicheagricole.it/flex/cm/pages/ServeBLOB.php/L/IT/IDPagina/10656>

A summary of these rules is reported hereafter.

Nature of the applicants

The following bodies can apply for funding:

- national public research institutions (university departments and institutes, university consortia, interdepartmental centres, public bodies supervised by Ministries, Regions and Provinces) with institutional and statutory scope “performing research activities” and not only “promoting or supporting research activities”
- no-profit private bodies, with institutional and statutory scope “performing research activities” and not only “promoting or supporting research activities”. Any private research body or foundation defined above must produce the official documents (statute and/or articles of incorporation or memorandum of association, etc.) where the mission, including performing research activities, and the no-profit purpose, are declared.

The no-profit private research body participating in the project consortium must send to the Mipaaf (DISR IV), by the application deadline (13 March 2017), copy of the documents listed above (statute and/or articles of incorporation or memorandum of association, etc.) at the address: PEC aoo.cosvir@pec.politicheagricole.gov.it specifying in the object “SUSFOOD2 2017 documenti bando – ente privato”.

SMEs or other profit private bodies can participate with their own funding, explaining the added value to the research project in the project proposal; their participation is not considered for the eligibility criterion of minimum countries number.

Financial contribution

The funding contribution will be of maximum 50,000 euros for each of the research areas (Olive – Olive oil products / Milk and Dairy products).

The contribution will be as follows:

- public institutions and private no profit bodies can be financed up to 99% of the approved eligible project costs;
- SMEs and organisations 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 regulation the transfer of funds will occur in three steps:

- 1) 50% 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) 25% of the approved costs once the final report has been approved.

For private bodies : the necessary documents to be submitted to Mipaaf are specified in the User's Manual.

Eligible costs

A) Personnel

1) Salaries – Only for non-permanent scientific staff (including foreign visiting scientists, post docs, PhD students, fellowships and grants). Technical administrative staff can be included in the coordination.

2) Travel expenses – for permanent and non 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). These costs need to be indicated as "Other costs" in the financial plan of the proposal (online submission)

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

E) Overheads – no more than 12% of the total amount of the above mentioned costs (A+B+C+D)

F) Coordination - if the Italian institution is also playing the role of coordinator the eligible costs are those indicated in the User's manual.

National additional forms and documents

By the deadline (13 March 2017) no application or documents have to be sent directly to Mipaaf (Italian funding body), other than the application through the online submission platform, except for no-profit private body (see the above section "Nature of the applicants").

Only after the funding decision, Mipaaf DISR IV will contact each Italian research unit of the selected projects asking to fill in an *ad hoc* model (available later) and a financial sheet and submit them to the funding body (Mipaaf) to apply for contribution. These forms must be written in Italian.

For further information please refer to the national contact points:

Elena Capolino : e.capolino@politicheagricole.it +39 055 2492220

Roberta Volpi: r.volpi@politicheagricole.it +39 06 46655317

Ministero delle politiche agricole alimentari e forestali - Ministry of agricultural, food and forestry policies - MIPAAF

Research and experimentation Office – Ufficio DISR IV - Via XX Settembre 20, 00187 Rome - ITALY



Italy - Ministry of Education, Universities and Research (MIUR)

Funding commitment

500,000 €

3-4 projects tentatively envisaged to be funded

National programme

FIRST - Fondo per gli Investimenti nella Ricerca Scientifica e Tecnologica

[http://www.ricercainternazionale.miur.it/era/eranet-cofund-\(h2020\)/susfood2.aspx](http://www.ricercainternazionale.miur.it/era/eranet-cofund-(h2020)/susfood2.aspx)

National Contact Points

For the call international questions

Aldo Covello (Mail: aldo.covello@miur.it; Tel.: +39 06 5849 6465)

Mauro Bertelletti (Mail: mauro.bertelletti@miur.it; Tel.: +39 06 5849 7392)

National questions

Alberto Martuscelli (Mail: alberto.martuscelli@miur.it; Tel.: +39 06 5849 7473)

Eligible institutions (beneficiaries)

1) Type/nature of the participants

The following entities are eligible for funding, providing that they have stable organization in Italy: 1. Enterprises; 2. Private research bodies; 3. Consortia; 4. Universities; 5. Public research institutions; 6. Research organizations (public and private) in accordance with EU Reg. n. 651/2014 of the European Commission - June 17, 2014.

2) 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 research activities.

The participant must respect the Italian law against "mafia".

3)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)

Type of research eligible for funding

All activities classifiable as Basic Research, Industrial research and Experimental development are eligible for funding. Furthermore, Basic and Industrial research activities altogether must be predominant with respect to Experimental development activities

Eligible costs

All costs incurred during the lifetime of a project under the following categories are eligible: personnel, equipment, subcontracting, consumables, and overheads.

A maximum grant of 200,000 Euro will be awarded to each project proposal, even if it includes more than one Italian participant who presented a funding request to MIUR.

Maximum duration of projects: 36 months

Funding levels

MIUR will fund only a percentage of the eligible costs, calculated as follows:

I. For universities, public research institutions, and research organizations (public and private) in accordance with EU Reg. n. 651/2014 of the European Commission - June 17, 2014:

- Fundamental research:

Grants: 70% of eligible costs;

- Industrial research:

Grants: 50% of eligible costs;

- Experimental development:

Grants: 25% of eligible costs.

II. For enterprises, consortia, private research bodies (which do not meet the research organization requirements) and all other private entities:

- Fundamental research:

Grants: 20% of eligible costs;

- Industrial research:

Grants: 20% of eligible costs;

- Experimental development:

Grants: 10% of eligible costs.

For transnational projects submitted by small and medium enterprises, the intensity of the grant contribution is increased by 10% for medium enterprises and by 20% for small enterprises.

Additional National documents

All Italian participants must send to MIUR a set of additional national documents as defined in [http://www.ricercainternazionale.miur.it/era/eranet-cofund-\(h2020\)/susfood2.aspx](http://www.ricercainternazionale.miur.it/era/eranet-cofund-(h2020)/susfood2.aspx).

Any participant, who does not send its national documents by the pre-defined deadline, will be considered ineligible.



Lithuania - The Ministry of Agriculture of the Republic of Lithuania (MoALit)

National funding commitment

The maximum limit of 100,000 Euro; 1 project to be funded.

Maximum duration of project

36 months

National contact points

Joana Bacevičienė (+370-5-239-1024; joana.baceviciene@zum.lt)

Vilma Kraujalytė (+370-5-239-1084; vilma.kraujalyte@zum.lt)

Eligible entities (partners) for funding

Organisations which main activities are carrying out scientific research and experiment development. These organisations include Universities; Public research institutions; Integrated Science, Studies and Business Centres; Private companies; NGOs.

Financial support will be provided to Lithuania participants according to the Funding rules for international research projects approved by Minister of Agriculture of Lithuania and other legal acts

<https://www.e-tar.lt/portal/lt/legalAct/6f95c3c0f25711e4927fda1d051299fb>



Norway - The Research Council of Norway (RCN)

National funding commitment

700,000 €

RCN's contribution towards each project should not exceed the maximum limit of 250,000 Euro.

Topic priorities:

Topic 1: Innovation in food processing technologies and products

Topic 2: Improving input, waste and side flow strategies to increase resource efficiency and create added value

Topic 3: Understanding consumer behaviour and food choices

Both Research and Research and Innovation projects can be applied for, see call text.

After final decision of funded projects has been made, approved projects must register through The Research Councils websites as project type researcher projects.

The funding from RCN will be according to the general application requirements for Researcher projects and the description of project type: researcher project:

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

Norwegian industry partners may participate, however there must also be a Norwegian research institute or a university in the project consortium, while the Norwegian funding will be organized within a researcher project where a research institution is the project owner.



Romania - Executive Agency for Higher Education, Research, Development and Innovation Funding (UEFISCDI)

Participating organisation(s)

Executive Unit for Financing Higher Education, Research, Development and Innovation (UEFISCDI) – 500,000 €.

National Contact Person(s)

Adrian Asanica, Expert UEFISCDI

Tel: +40744.45.00.11

E-mail: adrian.asanica@uefiscdi.ro

Name of & link to the funding programmes

PNCDI III, European and international Cooperation, ERANET/ERANET Cofund

<http://uefiscdi.gov.ro/articole/4536/Pachet-de-informatii-ERANETERANET-Cofund.html>

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

Minimum and/or maximum project duration

Proposed projects may last from 24 to 36 months

Minimum and/or maximum funding per project

One project can require up to 250,000 € in country if Romania is coordinating the trans-national project and 200,000 € in country if Romania is partner in the trans-national project.

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. Funding rates vary in accordance with state aid legislation.

Eligible costs

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 cost for subcontracting) and travel expenses. Indirect costs will not exceed 20 % of direct costs.



Spain - Centro para el Desarrollo Tecnológico Industrial

CDTI eligibility criteria

Eligible entities: Companies established and carrying out R&D activities in Spain. Other entities such as universities, public research institutions, technological centres, and other private non-profit institutions could participate under subcontracting by Spanish companies.

Eligible activities: CDTI supports only Topics 1 and 2. Projects may comprise both industrial research as well as experimental development activities, and must represent outstanding scientific-technical quality and high innovative potential. The Spanish part of the proposed work plan must be developed in Spain. Management and dissemination activities are explicitly excluded for funding.

Project budget: The minimum fundable budget is €175,000.

Eligible costs:

- Personnel.
- Instrument and equipment costs, to the extent and during the period in which they are used for the research project.
- Contractual research costs, technical knowledge and patents bought or licensed from outside sources at market prices, and costs for consulting and equivalent services intended exclusively for the research activity.
- Other operating expenses, including costs for material, supplies and similar products, which result directly from the research project.
- Indirect costs

Additional information

Only tasks related to either, technological industrial research or experimental development can be funded by CDTI. Management and dissemination activities are explicitly excluded for funding.

Applicants are encouraged to contact CDTI's National Contact Points for getting advice about national funding rules before submitting a proposal.

Additionally to the international application process, all Spanish applicants that aim to received CDTI's funding (projects coordinators and partners) must submit a formal application (with the information related to National Eligibility check) by way of CDTI's electronic submission system. This information have to be submitted to CDTI no later than 10 days after the closing date for pre-proposals and full proposals, respectively.



Spain (Castilla y León) – Agencia de Innovación, Financiación e Internacionalización Empresarial de Castilla y León (ADE)

Name of the programme

ADE grants for international R&D projects in the framework of ERA –NETS

Eligibility criteria

-Beneficiaries

Only companies are eligible. Research centers and universities are welcome as subcontractors

-Topics of the call and thematic restrictions

ADE supports projects covering Castilla y León RIS3 thematic included in Topic 1: Innovation in food processing technologies and products and Topic 2: Improving input, waste and side flow strategies to increase resource efficiency and create added value.

-Type of research eligible for funding

Industrial research and experimental development projects involving effective international collaboration.

-Eligible costs

Staff costs (only staff participating in the project)

External collaborations for R&D activities related to the project

Costs for materials, supplies, etc. needed for the project.

Other costs such as travelling, management and audit costs

Taxes and indirect costs are not eligible

-Limits of funding

Minimum budget: 150,000€

Maximum grant amount: 250,000€

Maximum two projects/company/call

Projects should prove it feasibility under technical, economic and financial criteria

The starting date of the project must be after the proposal submission

-Type of funding (grant/loan/mixed/other)

Grant

-Funding rate

For small-sized enterprises: maximum 60% (experimental development) - 80% (industrial research)

For medium-sized enterprises: maximum 50% (experimental development) - 75% (industrial research)

For large enterprises: maximum 40% (experimental development) - 65% (industrial research)

-More information available at

<http://www.empresas.jcyl.es/>



**Spain - Ministry of Economy, Industry and Competitiveness (MINECO), through
the State Research Agency**

Funding programme

Programa Estatal de Investigación, Desarrollo e Innovación Orientada a los Retos de la Sociedad, Plan Estatal de Investigación Científica y Técnica y de Innovación 2013-2016. [Link to Plan Estatal](#)

The instrument for funding the Spanish groups will be the Spanish Call on International Joint Programming Actions (*Acciones de Programación Conjunta Internacional*) or equivalent. Only as a reference, the beneficiaries are advised to read the call. [APCIN 2016](#)

The Spanish legal entities granted are obliged by the regulations established in this APCIN call and by the funding limit specified below.

Call will be managed by the [Subdivisión de Programas Científico-Técnicos Transversales, Fortalecimiento y Excelencia](#).

Funding objective

The projects granted by the Ministry of Economy, Industry and Competitiveness must be aligned with the main objectives described in the *Programa Estatal*. [Link to Plan Estatal](#)

Anticipated amount of funding

Maximum of funding for the ERA-NET Cofund SUSFOOD2: 300.000€

Contact person

Leonor Gómez (+34 91 6037269)

Ana Barra (+34 91 6038398)

Contact e-mail: era-agro@mineco.es

Representative: Estrella Fernández

Eligible institutions

The eligible entities for Ministry of Economy, Industry and Competitiveness funding are:

Non-profit research organizations according to the APCIN call 2017 (*Acciones de programación conjunta internacional 2017*).

Spanish investigators are encouraged to include the Spanish industrial sector in the transnational consortia. For profit entities should apply for funding to CDTI and ADE.

Final rules on eligibility will be defined in the APCIN 2017 (or its equivalent), to be published [here](#)

Eligible PIs

Mandatory

Spanish Principal Investigators must be eligible according to the *APCIN 2017* (or its equivalent) and must have experience as investigators in projects funded by the *Plan Nacional I+D+i 2008-2011*, the *Plan Estatal I+D+i 2013-2016*, ERC Grants, European Framework Programmes or other relevant international programmes.

Not allowed

- Principal Investigators are not allowed to apply for funding in more than one proposal of this SUSFOOD2 call.
- Principal Investigators are not allowed to apply for funding in more than one proposal in the *APCIN 2017* (or its equivalent). This must be taken into account when participating in different JPIs, ERA-Nets or other international initiatives.
- Principal Investigators who obtained funding in the *APCIN 2016* call are not allowed to apply neither in *APCIN 2017* (or its equivalent) nor in this transnational SUSFOOD2 call.
- Principal Investigators have to remain unchanged between the pre-proposal stage, the full proposal stage and the National *APCIN 2017* call (or its equivalent).

Ministry of Economy, Industry and Competitiveness will avoid double funding (overlapping with other EU or National funding), and will not grant projects or parts of projects already funded.

Eligible costs

Eligible Costs

- Personnel costs for temporary employment contracts (scholarships are not eligible).
- Current costs, small scientific equipment, disposable materials, travelling expenses and other costs that can be justified as necessary to carry out the proposed activities.

Ineligible Costs

- Indirect costs (overheads) or clinical trials (proofs of concept, proofs of principle) are not eligible for funding in the APCIN call.

Maximum requested per project

The following funding limits are considered eligibility criteria by Ministry of Economy, Industry and Competitiveness. Proposals not respecting these limits can be declared ineligible:

- The maximum amount of funding is 100,000 € per proposal and legal entity (additional 50,000 € if the Spanish group leader is the coordinator of the international consortium).
- When two Spanish legal entities participate in the same proposal, the total funding of the Spanish part should not exceed 150,000 € per proposal (additional 50,000 € if the coordinator of the international consortium is based in Spain).
- Centres formed by different Spanish legal entities will be considered as one unique entity, and thus the maximum funding should not exceed 100,000 € per proposal (for example, mixed centres).

The final funding will take into account the transnational evaluation of the collaborative proposal, the scientific quality of the Spanish group, the added value of the international collaboration, the participation of the industrial sector and the financial resources available.

Mandatory acknowledgment

Any publication or dissemination activity resulting from the granted projects must acknowledge Ministry of Economy, Industry and Competitiveness funding: “Project (reference nº XX) funded by Ministry of Economy, Industry and Competitiveness through APCIN 2017”.



Sweden - The Swedish Research Council for Environment, Agricultural Sciences and Spatial Planning (FORMAS)

Committed budget

The Swedish Research Council Formas has committed 15 million SEK in total over 3 years to this call.

Eligible topics

The Research Council Formas funds research projects within all four topics of the call.

Consortium structure

Each consortium must consist of Principal Investigators (PIs) from at least three different countries, participating in the call. Swedish applicants from the same grant administrating organisation must be associated to a single PI. Several Swedish PIs from different grant administrating organisations may be part of a consortium if the consortium also includes PIs from at least two other countries.

National documents required

No additional national documents are required at pre-proposal stage. However, Swedish applicants will at full proposal stage need to submit national application forms to Formas in the application system Prisma. The applicants will receive further information at this point.

Funding decisions

Each funding organisation makes the final decision about funding of their respective PIs. The funding awarded will be made public after all funding organisations have reached their decisions. Formas Scientific Council is expected to reach its decisions by early 2018. Decisions about grant awards are not subject to appeal. Projects are expected to start in 2018.

Contact person at Formas

Name: Susanne Johansson, Deputy: Erika Ax

E-mail: susanne.johansson@formas.se, erika.ax@formas.se

Telephone: +46 8 775 40 20, +46 8 775 40 26

General regulations

Who can apply for funding

To be eligible to apply for grants from Formas, main applicants and co-applicants must have a doctoral degree. Other people participating in the project (e.g. doctoral students, technicians, lab assistants) do not need to have a doctoral degree. Grants for research projects can only be administered by a Swedish university, university college or other Swedish public organisation that fulfils the grant administrating organisation eligibility requirements of Formas (please see Formas' requirements for [Grant administrating organisations](#)). Private companies cannot be main applicants, but may be sub-contracted if their services are of relevance to the research project. Please, contact the NCP for further information.

What funding can be applied for

Project grants from Formas may be used for financing of salary for researchers, doctoral students (up to three years) and technical staff (including social-security contributions). Grants may also be used to finance running costs (e.g. consumables, equipment under 500 kSEK, travel, conferences, publication in open access journals), equipment depreciation costs and premises costs.

For existing employment positions, the current salary at the time of application (including social-security contributions) must be used for each of the subsequent years. For new employment positions the starting salary at the grant administrating organisation must be used for each subsequent year. Note that the total salary costs awarded by Formas for an individual researcher, doctoral student or other member of the project may never exceed 100 per cent of a full-time position.

Budget specification:

Personnel: Salary costs including social fees and LKP.

Travel (Missions): Traveling cost for meetings, data collection etc.

Consumables (Running costs): All the costs that are related to the research activities as well as equipment under 500 kSEK, publications in open access journal, equipment depreciation costs and premises costs. The overhead costs can be included here or in a separate heading if available. Formas funds overhead costs according to the Swedish universities or institutions policies.

Overhead: Include the overhead here (according to the Swedish universities or institutions policies) or in the field for Consumables or Running costs depending on the form for the specific call.

Subcontracting: Total costs for the subcontractors including their overheads and premises costs.

Requested funding: Total costs XXX Funder: FORMAS

Ethical guidelines and open access

For information regarding Formas' ethical guidelines and issues concerning public and open access to research results and scientific data, please see the [General instructions for applicants to Formas](#).

Reporting of projects awarded funding

Each Swedish PI awarded funding must submit a financial and scientific reports to Formas when the project has ended. Please see [Formas' instructions for reporting](#).



The Netherlands - Netherlands Organisation for Scientific Research (NWO)

Committed budget

750,000 €

National Contact Person(s)

-Theo Saat MSc. | Netherlands Organisation for Scientific Research | Department Earth and Life Sciences | Policy Officer | Telephone: +31 70 344 07 91 | t.saat@nwo.nl

Name of & link to the funding programmes

-NWO Earth and Life Sciences: Funding for international activities in the economic priority area Agri&Food, linked to FACCE-JPI.

Detailed conditions for applicants are available in the national call for proposals: www.nwo.nl/susfood.

Minimum and/or maximum project duration

Proposed projects 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 max. 212.117 € for personnel and max. 50.000 € (max. 20% of the total subsidy requested) for materials (consumables and travel). For personnel funding can be requested for post-doc researchers (temporary position) only, with the exception of medior researchers with a fixed position at TO2 or HBO institutes for whom funding can be requested at post-doc level (salary scale 11 BBRA) in this specific call (see additional criteria).

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 hold an appointment at a Dutch university or a research institute recognised by NWO (cf. Open Programme NWO-ALW). For this specific call, this includes TO2 and HBO institutes (see additional criteria).

Specifically:

- Applicants must hold a doctorate and/or be professor.

- Applicants must have a paid appointment for at least the duration of the application process and the research for which the grant is requested.
- Employees who have a 'zero-hours' contract (0-aanstelling) or a contract as an unpaid guest researcher cannot apply.
- Applicants may not apply for a position for themselves (if required with the exception of medior researchers at TO2/HBO).

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 by SusFood.

Additional criteria

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

For the salary costs at Universities and research institutes recognized by NWO the VSNU contract '[Akkoord bekostiging wetenschappelijk onderzoek](#)' applies. For the Dutch Individual Project a grant can be requested for a postdoc researcher (maximum 3 years full time, per 1 July 2016: 212.117 euro). This amount includes a bench fee of 5,000 euro for individual costs for the purposes of the research of the post-doc (e.g. publication costs, congress visits, etc.).

For the salary costs at TO2 and HBO institutes the VSNU contract '[Akkoord bekostiging wetenschappelijk onderzoek](#)' applies. In this specific call, TO2 and HBO institutes may request funding for a medior researcher (cf. post-doc salary scale 11 BBRA). The minimum appointment for a senior researcher on a project is at least 12 months as well as at least 0,5 fte. A maximum of three different medior researchers may be appointed on a project.

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)".

National priorities

Dutch participation should be in line with the knowledge and innovation agenda of the economic priority area Agri&Food. There are no additional national priorities other than the scientific scope and aims of the call as described in this call announcement.



Turkey - General Directorate of Agricultural Research and Policy (GDAR)

Eligibility Criteria for GDAR

General Directorate of Agricultural Research and Policy (GDAR) is connected to the “Ministry of Food Agriculture and Livestock” and has 49 research institutes throughout the Country. Only these 49 research institutes are eligible to benefit from our fund.

If universities from Turkey make cooperation with one of MFAL’s research institutes (MFAL institute has to be a partner in the project consortium and university subcontracted), it is eligible.

GDAR funds all 4 topics. The funding program is the “National Food and Feed Researches Program”.

GDAR prefers to grant maximum 100,000 € to each project. This amount includes 20% overhead.



United Kingdom - Department for Environment, Food and Rural Affairs (Defra)

Defra's contribution towards each project should not exceed the maximum limit of £100,000

National topic priorities

Defra's strategic priorities can be found at:

<https://www.gov.uk/government/policies/food-and-farming-industry>

Applicants should pay particular attention to Defra's Food Chain Evidence Plan: https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/221070/pb13916-evidenceplan-food-chain.pdf

and also consult Defra’s standard Terms and Conditions for funding research.

[https://sp.demeter.zeus.gsi.gov.uk/Sites/CS01/pro/_layouts/15/WopiFrame.aspx?sourcedoc=/Sites/CS01/pro/Toolkit%20Documents/Terms and Conditions/Contract%20for%20the%20Provision%20of%20R%20and%20D%20\(June%202016\).doc&action=default](https://sp.demeter.zeus.gsi.gov.uk/Sites/CS01/pro/_layouts/15/WopiFrame.aspx?sourcedoc=/Sites/CS01/pro/Toolkit%20Documents/Terms%20and%20Conditions/Contract%20for%20the%20Provision%20of%20R%20and%20D%20(June%202016).doc&action=default). Bidders should

ensure that they have considered VAT where applicable in their proposals.

Defra only seeks to fund research proposals which Research topic Areas

Topic 1: Innovation in food processing technologies and products

Topic 2: Improving input, waste and side flow strategies to increase resource efficiency and create added value

presented in the Call, but considers research improving the productivity, competitiveness and resilience of the food and drink sector and its translation into use as a high priority.

Areas of specific interest are:

Research to stimulate technological innovation to promote competitiveness, productivity, strengthen resilience and economic growth in the food and drink sector to:

- Maximise resource efficiency in food processing, manufacture, distribution and retail with improved environmental impacts (reducing energy, water use, GHG emissions, waste recycling/reduction, optimising use of raw materials). Delivered through novel engineering, process design and better systems control;
- meet future consumer needs and preferences through technological innovation to produce nutritious, safe, quality foods (lower in sugar, salt; fat) sustainably

Research proposals should target productivity and competitiveness as primary objectives, with environment and other priorities as secondary objectives within a systems approach. Multi- and interdisciplinary research expertise is encouraged. The UK part of the project must be developed within in the UK and must not duplicate research funded elsewhere.

Applicants must contact the UK national contact **by email** before submitting proposals – failure to do this will mean that proposals are not eligible.