2018 JOINT CALL

ON NOVEL TECHNOLOGIES, SOLUTIONS AND SYSTEMS TO REDUCE GREENHOUSE GAS EMISSIONS IN ANIMAL PRODUCTION SYSTEMS



Call for Proposals

Deadline for proposal submission: **3rd December 2018**

Online submission tool: **www.ict-agri.eu**

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Definitions

- The **Call Secretariat** is the central contact point for Funding Parties, applicants and evaluators regarding all technical and general issues of the call.
- The **Call Steering Committee** (CSC) is the decision-making body and consists of one representative of each Funding Party.
- A **Funding Party** is providing cash funding to the 2018 Joint Call.
- The **International Evaluation Committee** (IEC) is the expert group that will be assigned to the evaluation of submitted project proposals in the 2018 Joint Call.
- A **rapporteur** is a member of the IEC who shall report on a proposal during the IEC evaluation meeting.
- Each Funding Party in this 2018 Joint Call nominates a National/Regional Contact **Point (NCP/RCP)** to provide information on national/regional funding rules and procedures.

Introduction

The three ERA-NETs **FACCE ERA-GAS** (Monitoring and Mitigation of Greenhouse Gases from Agriculture and Silviculture), **ERA-NET SusAn** (Sustainable Animal Production Systems) and **ICT-AGRI 2** (Information and Communication Technologies and Robotics for Sustainable Agriculture) have coordinated and aligned efforts in areas of mutual interest and established a joint transnational funding programme in the field of agricultural greenhouse gas (GHG) research, focusing on emissions from livestock production.

The overall objective of the 2018 Joint Call is to contribute to the development of novel technologies, solutions and systems to reduce the GHG intensity of animal production systems in Europe and beyond. This funding initiative calls for applied research. The projects' potential impact should be relevant for the mitigation of GHG emissions within 5 - 10 years.

I. Background

The United Nation's 17 Sustainability Goals simultaneously cover the three pillars of sustainability - economy, environment and society - and the member states' declared aim is to achieve these goals by 2030. The agricultural sector, and livestock production in particular, faces challenges in meeting the demand for high quality protein while contributing to the reduction in GHG emissions envisaged in the 2015 Paris Agreement. Livestock farming continues to be the main contributor to agricultural emissions, yet it also offers promising options to mitigate emissions. For livestock production systems, GHG emissions represent losses of nitrogen, energy and organic matter that undermine the productivity and efficiency of the sector. Therefore, effective mitigation strategies incorporated into tailored sustainable production systems can not only reduce the contribution of food production to global climate change but also improve the efficiency and viability of supply chains. The transition towards greater sustainability requires all relevant economic, social and environmental dimensions to be taken into account. Novel technologies, solutions and systems including ICT, robotics and intelligent data analyses can help to achieve these goals.

II. Scope of the 2018 Joint Call

This funding initiative calls for applied research. The projects' potential impact should be relevant for the mitigation of GHG emissions within 5 - 10 years. 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 National Contact Points.

Proposals with an ICT dimension, including the use of sensors, communication technologies, data analytics, modelling, robotics, precision farming or decision support systems, will be strongly preferred. Please note that research that will provide

the underpinning basis for future ICT products or services will also be regarded as projects with an ICT dimension.

The main aim of the call is to contribute to GHG mitigation in European animal production systems, but the call is also open for research concerning consumer attitudes, household consumption of animal products and policy issues (see Theme 3). The system boundary of the animal production system is "at the farm gate", however, it can be regarded at different scales, for instance locally, regionally or beyond. Investigations can also include cooperation among farms. The scope includes manure management, animal nutrition, the feed chain (e.g. origin, harvest, processing), housing and management.

Relevant effects along the value chain should be considered, but food manufacturing and processing, food packaging, distribution of animal products or marketing and retail should not be the main focus. However, consumer behaviour and attitude, and household consumption are within the scope, including questions regarding food waste and loss, as long as they are specifically aiming at animal products and their impact on agricultural GHG emissions.

The use of insects for animal feed is within the scope of this call. Aquaculture and fur animals are outside the scope, as well as projects with a main focus on animal health or crop production.

III. Research Concepts

Whenever possible, systems thinking should be the guiding paradigm. Proposals should combine different aspects that are relevant to tackle the challenge of mitigating GHG emission in animal production systems. An integrated, multidisciplinary research approach should consider the three pillars of sustainability (society, economy and environment). If used alone, one-dimensional metrics, such as kg CO_2-eq per litre milk, might ignore a significant range of social, economic and environmental costs and benefits and might fail to account for the various dimensions of sustainability (e.g. people's livelihoods and jobs, animal welfare, biodiversity, nutrition and food security). By considering a wider context, system thinking allows better understanding of the relevant drivers and impacts. Researchers from the fields of social sciences, socio-economic and policy research are explicitly invited.

GHG emissions measurements for agriculture should include those produced by process emissions (including enteric fermentation, manure management, synthetic fertilizers, manure applied to pasture, crop residues etc.), emissions from energy use, and associated land-use change emissions captured within the AFOLU (Agriculture, Forestry and Other Land Use) sector.

We encourage the use of a multi-actor approach to ensure genuine and sufficient involvement of various actors including farmers, advisors, consumers, private industry, civil society organisations and those involved in governance.

IV. Themes

The scientific scope of the call addresses collaborative projects in the three research themes described below. Also note that proposals including ICT aspects will be strongly preferred. We refer to chapter II "Scope of the 2018 Joint Call". It is required to combine at least two of the three themes.

In addition, it is required that each project applies a systems approach whenever appropriate and considers economic, environmental and societal aspects (the three pillars of sustainability).

Theme 1, the "holistic theme": Agroecological approach to whole animal production systems

This theme relates to the evaluation, development and (re-)design of animal production systems from the perspective of agricultural production and ecology in the context of the need to reduce GHG emissions. A comprehensive approach to whole systems is required which primarily addresses the need to reduce GHG emissions and/or intensity but can also address other aspects of sustainability. Theme 1 includes:

- Sustainability assessment of the whole system; e.g. carbon & water footprints, life cycle assessment
- Determination of the production system's GHG efficiency, design and development of optimised systems to reduce emissions and enhance sustainability.

Theme 2, the "technical theme": Technical options for the monitoring and mitigation of GHG emissions from animal production systems

This theme relates to strategies and technical options to reduce GHG emissions from animal production systems. Proposals should also address the potential synergies and trade-offs associated with the proposed options. One or more of the following research areas may be covered:

- The feed chain (feed origin, harvest and processing))
- Animal nutrition (feed rations, feed additives and nutrient efficiency) and husbandry (including Precision Livestock Farming)
- Manure management and utilisation (including technological treatments, and regional cooperation).
- Refinement or development of GHG emission factors related to animal production systems with the aim of reducing uncertainties and supporting the development of improved and harmonised GHG inventories across participating countries.

Theme 3, the "societal theme": Social and/or economic approach to livestock production and consumption of animal products

The focus of this theme is on the application of social, socio-economic and political sciences to the challenge of reducing GHG emissions in animal production systems. It includes:

- Effects of consumption patterns and trends in the animal production sector (and vice versa) and implications for related GHG emissions
- Inclusion of GHG emission reductions (an environmental "externality") into the price of food of animal origin
- Strategies and incentives, including policy measures, to reduce GHG emissions and remove barriers to adoption of GHG mitigation strategies.

V. Application and selection procedures

1. Timeline of the 2018 Joint Call

The 2018 Joint Call follows a one-stage submission procedure with a deadline for submission of proposals of **3rd December 2018,** as defined in the timeline:

Table 1: Timeline of the 2018 Joint Call

1st August 2018	Pre-announcement of the 2018 Joint Call
8th October 2018	Launch of the 2018 Joint Call
3rd December 2018 14:00 CET	Deadline for the submission of proposals
March 2019	Eligibility check and review by the IEC completed
April 2019	Selection decision on funded projects
May 2019	Communication of the evaluation outcomes and funding recommendations to the research project coordinators
Autumn 2019	Estimated starting date for funded projects

2. Funding Parties

The 2018 Joint Call consists of 27 national public Funding Parties from 20 European countries and 4 Associated or Third Party countries.

A total amount of approx. 17.0 M € has been provisionally reserved by the participating Funding Parties of the 2018 Joint Call and the funds will be provided directly by the respective national/regional Funding Party to successful national/regional applicants.

Indicative budgets for each Funding Parties are given in table 2 below. Applicants are recommended to verify national/regional priorities by consulting the National Regulations (Annex D) and contacting their National Contact Point (NCP, Annex A).

Eligibility of project costs is subject to national/regional rules.

Table 2: Indicative funding commitment to the 2018 Joint Call

As regards national/regional thematic priorities, applicants are advised to consult with national/regional regulations (see Annex D).

Country	Funding Party	National/regional call contribution	
		total	max. funding request per project
Belgium Flanders	Fund for Accompanying Economic and Innovation Policy (Hermesfonds)	1.500.000 [1)]	500.000 €
Chile	INIA	100.000 €	100.000 €
Denmark	Ministry of Environment and Food, Danish Agricultural Agency (DAA)	500.000 €	250.000 €
Estonia	Ministry of Rural Affairs (MEM)	100.000 €	100.000 €
Finland	Ministry of Agriculture and Forestry (MMM)	300.000 €	150.000 €
Finland	Business Finland (BF)	min. 300.000 € up to 1.000.000 € 2)	500.000 €

Country	Funding Party	National/regional call contribution	
		total	max. funding request per project
France	The French National Research Agency (ANR)	1.000.000 €	250.000 €
Germany	Federal Ministry of Food and Agriculture (BMEL)	1.000.000 €	250.000 €
Greece	General Secretariat for Research and Technology (GSRT)	1.000.000 €	250.000 €
Ireland	Department of Agriculture, Food and the Marine (DAFM) TEAGASC - Agriculture and Food Development Authority	751.000 €	375.500 €
Italy	Ministry of Agricultural, Food Forestry and Tourism policies (MIPAAFT)	600.000 €	200.000 €
Latvia	State Education Development Agency (VIAA)	420.000 €	210.000 €
Lithuania	Ministry of Agriculture of the Republic of Lithuania (MoA ZUM)	200.000 €	100.000 €

Country	Funding Party	National/regional call contribution	
		total	max. funding request per project
The Netherlands 	Netherlands Organisation for Scientific Research (NWO)	480.000 €	240.000 €
New Zealand 	Ministry for Primary Industries (MPI)	1.000.000 €	400.000 €
Norway 	The Research Council of Norway (RCN)	1.000.000 €	500.000 €
Poland 	National Centre for Research and Development (NCBR)	1.000.000 €	200.000 € [3)]
Romania 	The Executive Agency for Higher Education, Research, Development and Innovation Funding (UEFISCDI)	500.000 €	200.000 € – 250.000 €
Slovakia 	Slovak Academy of Sciences (SAS)	120.000 €	40.000 €
Spain, Andalucia 	Technological Corporation of Andalusia, Ministry of Economy, Innovation and Science Government of Andalusia (CTA)	500.000 €	166.000 €

Country	Funding Party	National/regional call contribution	
		total	max. funding request per project
Spain, Murcia	Instituto de Fomento de la Región de Murcia (INFO MURCIA)	150.000 €	150.000 €
Sweden	Swedish Research Council for Sustainable Development (Formas)	1.500.000 €	300.000 €
Turkey	Ministry of Agriculture and Forestry - General Directorate of Agricultural Research and Policy (MFAL TAGEM)	100.000 €	100.000 €
Turkey	The Scientific and Technological Research Council of Turkey (TUBITAK)	1.000.000 €	333.000
UK	Department for Environment, Food and Rural Affairs (DEFRA)	750.000 £	250.000 £ (excluding VAT)
Uruguay	National Agriculture Research Institute (INIA) Instituto Nacional de Investigación Agropecuaria	100.000 €	100.000 €

1) Funding by Hermesfonds is split: for research and development projects 1,000,000 € / for LA trajectories 500.000 €
2) Funding by Business Finland (BF) up to 1.000.000 €, if there is strong and high quality company activity in Finland
3) recommended maximum per project participants

3. Management of the 2018 Joint Call

3.1 Call Secretariat

The Call Secretariat can be reached via the following contact points:

FACCE ERA-GAS:
Dr. Órlaith Ní Choncubhair (Teagasc, Ireland),

SusAn:
Babette Breuer (BLE, Germany)

ICT-AGRI:
Dr. Johannes Pfeifer (BLE, Germany)

2018JointCall@ble.de

3.2 Proposal submission

The 2018 Joint Call follows a one-stage submission procedure with a deadline for submission of proposals of **3rd December 2018, 14:00 CET** as defined in the timeline (V 1.).

The call is open to proposals that meet the following general call eligibility criteria:

- Proposals must be complete and submitted by the deadline via the ICT AGRI-2 online submission tool where relevant documents will be available for applicants for download. No other application format will be accepted.
- The language of the call and the applications is English;
- Each consortia must be led by a project coordinator, who must apply and be eligible to the funding of one of the Funding Parties or act on behalf of an organisation applying and eligible to the funding of one of the Funding Parties;
- Eligible consortia will consist of a minimum of 3 independent entities seeking funding from a minimum of 3 different Funding Parties of 3 different countries participating in the 2018 Joint Call; there is no upper limit of eligible consortium size - consortia can involve as many partners as necessary to achieve the project goals;
- Applicants from countries not participating in the 2018 Joint Call are welcome in research consortia as are applicants who are based in participating countries but do not seek funding from the participating Funding Parties; however they cannot coordinate a project and their contribution to the project should not be essential for the project's successful implementation; such applicants will have to secure their own resources and provide written confirmation thereof (by providing a Letter

of Financial Commitment) and will not count to achieve the minimum number of partners;
- Maximum project duration is three years (24-36 months duration).

In addition, **national/regional eligibility criteria** must be respected and the proposed research project must be consistent with the national/organisational thematic priorities of the countries/regions involved in the project. National/organisational priorities are described in the National Regulations (Annex D) and/or can be communicated by the National Contact Points. The participating Funding Parties may require additional documents according to their national/organisational regulations. **Failure of one applicant to meet the national/regional eligibility criteria will result in the rejection of the entire proposal.** Each applicant is therefore strongly recommended to consult the National/Regional Regulations (Annex D) and to contact his NCP/RCP (please refer to Annex A) to ensure eligibility, bearing in mind that in some countries, several Funding Parties participate in the call with different organisational rules and priorities.

There are two parts to be completed in the application:

- **Part A**: sections of the Online Submission Tool that are filled in online by the proposal coordinator. Contains the factsheet of the consortium;
- **Part B**: proposal template to be uploaded in the submission platform as a pdf file; The proposal template is available to download from the ICT-AGRI 2 Online Submission Tool and provided in Annex C including a dissemination plan.

It will be possible to update and resubmit the application as many times as required until the **submission deadline (03.12.2018, 14:00 CET)**, but not after the deadline. 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 proposal well in advance of the deadline to avoid any last minute technical problems. **Requests for extensions of the deadline due to last minute technical problems will not be considered.**

3.3 Eligibility check

After the closing date, the Call Secretariat will carry out a general call eligibility check of the proposals with respect to the criteria listed in section V. 3.2. **Proposals not meeting the minimum requirements will be rejected by the Call Secretariat, following consultation with the CSC.**

The members of the CSC will then check the proposals against national/regional eligibility criteria as described in the national/regional rules and regulations. The national/regional eligibility check will include an ethics screening to ensure that the proposals comply with applicable national rules and regulations.

3.4 Peer review procedure

The Funding Parties will establish an International Evaluation Committee (IEC) which has the following mandate:

- Provides the peer review of proposals;
- Ranks and recommends proposals on the basis of the criteria published in the 2018 Joint Call for Proposals and based on the peer review;
- Provides a written summary to explain its decisions to the CSC and the applicants.

The IEC members will be required to sign a Conflict of Interest and a Declaration of Confidentiality form. The online evaluation tool will include a feature which will prevent access to a proposal in case a Conflict of Interest is declared by the expert.

Eligible proposals will be evaluated online by a minimum of three international experts per proposal. In case a consensus cannot be reached, the majority assessment of two experts can outrule the third.

The reviewers should evaluate the proposals in accordance with the scope, research concepts and themes described in the chapters above, and using the three equally-weighted evaluation criteria below:

Table 3: Evaluation criteria

Overall score		
Excellence: ***'Scientific and/or technological excellence - Quality of the transnational project'***	**Impact:** ***'Potential impact'***	**Implementation:** ***'Quality and efficiency of the implementation and management'***
- Relevance to the scope of the call - Clarity and pertinence of the objectives; - Soundness of the concept, and credibility of the proposed methodology; - Extent to which the proposed work is beyond the state of the art, and demonstrates innovation potential (e.g. ground-breaking objectives, novel concepts and approaches, new products, services or business and organisational models);	- Extent to which the outputs of the project would contribute to a) the mitigation of GHGs within 5 – 10 years and/or (b) improved knowledge on GHG emission factors; - Any substantial impacts not mentioned in the Call for Proposals, that would enhance innovation capacity, create new market opportunities, strengthen competitiveness and growth of companies, address issues related to climate change or the	- Quality and effectiveness of the work plan, including extent to which the resources assigned to work packages are in line with their objectives and deliverables; - Appropriateness of the management structures and procedures, including risk, innovation and data management; - Complementarity of the participants and extent to which the consortium as a whole brings together the necessary expertise;

- Appropriate application of systems thinking, interdisciplinary approaches and, where relevant, use of stakeholder knowledge and gender dimension in research and innovation content; - Transnational added value;	environment, or bring other important benefits for society; - Quality of the proposed measures to: - Exploit and disseminate the project results (including management of IPR), and to manage research data where relevant - Communicate the project activities to different target audiences;	- Appropriateness of the allocation of tasks, ensuring that all participants have a valid role and adequate resources in the project to fulfil that role;

For scoring proposals, a threshold for each criterion of 3 will be applied. The overall score per proposal will be the sum of the three individual scores and an overall threshold of 10 points applies to be considered for funding. Evaluation scores will be awarded globally for each of the three criteria, taking into consideration the sub-criteria. Each criterion will be scored using the six point scale from 0 – 5 (whole scores only).

3.5 Funding decision

The Call Secretariat will prepare a joint selection list taking into account the ranking list as provided by the IEC and available national/regional funding. The CSC will meet to take the final decision on selecting transnational projects recommended for national/regional funding. The funding recommendation is irrevocable and therefore no redress procedure is possible.

The outcome of the funding recommendation will be communicated by the Call Secretariat to the project coordinators.

During the entire procedure, strict confidentiality will be maintained with respect to the identities of applicants and the contents of the proposals. Upon the final decision by the Funding Parties, a list of funded projects will be published on the FACCE ERA-GAS, SusAn and ICT-AGRI 2 websites containing the following information from the proposals:

- project title and project acronym
- duration of the project
- total requested funding for the project
- name of the project coordinator (including contact information as email and telephone number)
- country and organisation name of each partner.

3.6 General Data Protection Regulation issues

The 2018 Joint Call Data Privacy Notice (see Annex F) applies.

4. Obligations for funded projects

4.1 Negotiation of contracts

Each Funding Party will fund their respective national/regional applicant(s) within the research project. Formal funding decisions are made by the participating Funding Parties and funding will be provided according to applicable national/regional funding rules.

The project coordinator is responsible for informing project partners about the selection result and for synchronising the project start with the partners. After a positive funding recommendation, project partners will be contacted by the Funding Parties or will need to contact the Funding Parties themselves according to national/regional procedures in order to start the grant negotiation and accomplish the remaining steps until the research project can start.

For some Funding Parties, a signed consortium agreement might be required for release of the national/regional funds. Successful consortia should therefore negotiate and sign a **Consortium Agreement** before commencement of the project as required per national / regional regulations. This should address at least the following topics:

- internal organisation and management of the consortium
- intellectual property arrangements
- settlement of internal disputes.

Support for the preparation of a Consortium Agreement can be found on the DESCA webpage[1](note: the form was developed for H2020 projects and will have to be adjusted to this 2018 Joint Call).

4.2 Dissemination and communication

A list of the funded projects will be published at the end of the 2018 Joint Call. Therefore applicants should be aware that the information from the proposals as listed under section 3.5 may be published for promotional purposes.

Data on each project partner and abstracts of the project proposals will be provided to the European Commission, for publication and evaluation purposes. Information on each funded project, including data on each applicant and overview on the results will be updated and send to the EC for reporting purposes.

Applicants to the 2018 Joint Call have to allocate sufficient resources in their budget for dissemination of their project goals, planning and results. Funded projects are obliged to:

[1] *http://www.desca-2020.eu/*

- contribute with project presentations and/or posters to at least two workshops organised by the 2018 Joint Call funding partners.
- prepare (popular science) summaries of the project goals, planning and results for ERA-NET activities and publications (e.g. for brochures, [digital] newsletters, the website etc.)
- Dissemination in all partner countries to national end users is necessary. The dissemination plan requested for the proposal should specify how the planned activities, including dissemination and stakeholder interaction, will contribute to the impact of the project and the aims of the 2018 Joint Call. For a well elaborated communication strategy, applicants are advised to take into consideration the Commission guidelines on "Communicating EU research and innovation guidance for project participants [2]" and "Social media guide for EU funded R&I projects [3]".
  Concerning dissemination activities, proper reference must be given to the **2018 Joint Call** in all related publications, exhibitions, lectures and press information.

4.3 Data management issues

As relevant, applicants must include information on how the project partners will manage the research data generated and/or collected during the project. Each proposal must include a maximum one page Data Management Plan. Advice for preparing the Data Management Plan is provided in Annex E of this document.

In addition, applicants must include an updated Data Management Plan as a distinct deliverable within the first six months of the project. A template for such a plan is given in the guidelines on data management in the H2020 Online Manual. This deliverable will evolve during the lifetime of the project in order to present the status of the project's reflections on data management.

4.4 Open Access

- Open access (OA) addresses the problem of limited access to (peer-reviewed) scholarly research. It is the practice of providing online access to scientific information (e.g. articles, conference proceedings, monographs, books, theses) that is free of charge to the reader, and licensed so that the information can be further used and exploited by researchers, by the industry and by citizens. The publication of research data, however, is not mandatory. Milestone definitions of Open Access include those of the Budapest Open Access Initiative (BOAI) and the Berlin Declaration (October 2003) on open access.
  The benefits of OA are manifold:
- The visibility of research output of individual researchers and institutions increases; research impact increases.

[2] http://ec.europa.eu/research/participants/data/ref/h2020/other/gm/h2020-guide-comm_en.pdf

[3] http:// ec.europa.eu/research/participants/data/ref/h2020/other/grants_manual/amga/soc-med-guide_en.pdf

- Funding agencies get a better return of investment due to increased impact of funded research.
- Researchers waste less time seeking articles they cannot access.
- Duplication of research can be more effectively avoided.
- Libraries have to spend less on traditional journal subscriptions. Moreover, OA offers them the possibility to become providers of OA services, by setting up repositories for OA publications.
- Publishers that adopt OA obtain more exposure for their publications.
- Companies (especially SMEs) can innovate faster by gaining immediate access to free research results.

In order to reap these benefits, the following open access policy must be observed by all funded projects:

1. A copy of the accepted version (either author final manuscript, post-prints or publisher version) of all peer reviewed journal articles, supported, either in their entirety or in part by **the 2018 Joint Call** research funding, is deposited in a suitable open access repository immediately upon acceptance for publication, with the metadata (Minimum set of metadata: title, abstract, keywords, name of author, affiliation of author, publication info (including journal title, volume, issue, publication date)) openly available from the time of deposit. Grant holders are required to report all publications coming forth from research funded under **the 2018 Joint Call** as deliverables in their project reports.
2. Similar actions as mentioned in 1 to provide open access to other types of publications (e.g., conference proceedings, theses, books, monographs) are strongly encouraged.
3. All publications mentioned in 1 shall be made openly available preferably immediately, but no later than 6 months after the date of publication. To enable this, grant holders shall in negotiating with publishers retain sufficient rights to enable immediate open access or delayed open access of up to 6 months. Authors are advised to work with a licence to publish (preferably the Creative Commons CC-BY or CC-0 licences) instead of with a copyright transfer agreement, when dealing with their publisher, in order to retain sufficient rights for providing open access to their publication.
4. In case the authors decide to publish in a gold open access journal, the CSC may consider as eligible expenses, which may be supported within the grant budget, Article Processing Charges (APC) or similar fees to publish in peer reviewed open access journals and books. Please consult the National/Regional Regulations (Annex D) or contact the NCP/RCP for details. In the case that an APC is supported by the grant budget, the article must be openly available from the moment of publication. APC or similar fees are only considered to be eligible expenses if the publication was accepted before the end of the funding period. There is no limit to the per-article amount of APCs that can be requested. However, authors are asked to consider APC cost when deciding in which journal to publish, since lower APC costs leave more funding available for research

purposes. Authors are required to avoid "double-dipping" journals and to avoid "predatory publishers".

5. In all publications mentioned in 1. and 2., funding recipients must acknowledge **the 2018 Joint Call** and identify the funding in the following manner: "This research was made possible by funding from **the 2018 Joint Call**."
6. All research data and associated metadata resulting from funded projects should be deposited in a suitable open data repository.
7. Institutions/grant holders agree that by receiving funding from **the 2018 Joint Call** they have accepted the terms and conditions of this OA policy. The compliance with the present terms and conditions will be monitored and in case of non-compliance the transfer of part of the funds may be considered.

This policy comes into force with the start of the funded research projects and applies to all publications resulting from grants awarded subsequently.

4.5 Access to genetic resources and benefit-sharing

Funded teams participating in projects falling within the scope of the regulations on access to genetic resources and benefit-sharing will be required to provide evidence to demonstrate compliance with these obligations and must ensure that all data relating to such genetic resources or associated traditional knowledge are kept in order to demonstrate that the necessary due diligence has been exercised. [4]

4.6 Project monitoring and reporting

Two workshops will be held, the first approximately half way through the duration of the funded projects to provide an overview of project progress and collaboration and the second towards the end of the projects for presenting results. The costs to participate in the workshops should be included in the project budgets.

In addition to the reporting required by the national/regional rules, reporting will be required at the **mid-term (by February 2021, depending on the project start)** and within two months of the end of the project (by **October 2022, depending on the project start)**. This will consist of a project status report and in-depth monitoring survey to measure project progress and contribution to the overall aims of the 2018 Joint Call. All project partners will have to deliver input for these reports.

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

[4] link to factsheet explaining the European regulation (no 511/2014) rules
http://www.fondationbiodiversite.fr/images/documents/APA/APA_poster_EN.pdf

Annex A: National Contact Points

country		National/Regional Contact Point	name	email	telephone
Belgium - Flanders		Flanders Innovation and Entrepreneurship (VLAIO)	Kirezi Kanobana Anne De Brabandere	kirezi.kanobana@vlaio.be anne.debrabandere@vlaio.be	+32 2 432 42 11 +32 2 432 42 37
Chile		Instituto Nacional de Investigación y Tecnología Agraria y Alimentaria (INIA)	Marta Alfaro	malfaro@inia.cl	+56 2 5771012
Denmark		Ministry of Environment and Food, Danish Agricultural Agency (DAA)	Elba Lorenzen Karen M. Mortensen	ELBLOR@lbst.dk KARMO@mst.dk	+45 3199 6971 +45 2246 5282
Estonia		Ministry of Rural Affairs (MEM)	Maarja Malm Helena Pärenson	maarja.malm@agri.ee helena.parenson@agri.ee	+372 625 6250 +372 625 6550
Finland		Ministry of Agriculture and Forestry (MMM)	Elina Nikkola	elina.nikkola@mmm.fi	+358 2951 62333
Finland		Business Finland (BF)	Ilmari Absetz	ilmari.absetz@businessfinland.fi	+358 50 557 7837
France		Agence Nationale de la Recherche (ANR)	Guillaume Caillou Claude Yven Johann Muller	guillaume.caillou@agencerecherche.fr claude.yven@agencerecherche.fr johann.muller@agencerecherche.fr	+33 1 73 54 82 87
Germany		Federal Ministry of Food and Agriculture (BMEL)	Babette Breuer Timo Kuhrau Dr. Johannes Pfeifer	babette.breuer@ble.de timo.kuhrau@ble.de johannes.pfeifer@ble.de	+49 228 6845 2925 +49 228 6845 3288 +49 228 6845 2634
Greece		General Secretariat for Research and Technology (GSRT)	Paraskevi Afentaki	pafe@gsrt.gr	+30 213 1300 112

country		National/Regional Contact Point	name	email	telephone
Ireland		Department of Agriculture, Food the Marine (DAFM)	Dr Aidan Holohan	aidan.holohan@agriculture.gov.ie	+353 (0)1 607 2426
Italy		Ministry of Agricultural, Food, Forestry and Tourism policies (MIPAAFT)	Silvia Baralla Annamaria Stella Marzetti	s.baralla@politicheagricole.it a.marzetti@politicheagricole.it	+39 0646655183 +39 0646655174
Latvia		State Education Development Agency (VIAA)	Maija Bundule	maija.bundule@viaa.gov.lv	+371 67785423
Lithuania		Ministry of Agriculture of the Republic of Lithuania (MoA ZUM)	Justina Vaišvilaitė Zita Duchovskienė	justina.vaisvilaite@zum.lt zita.duchovskiene@zum.lt	+370 5239 1203 +370 5239 1023
The Netherlands		Netherlands Organisation for Scientific Research (NWO)	Martijn Los	m.los@nwo.nl	+31 70 3440508
New Zealand		Ministry for Primary Industries (MPI)	Theresa Wilson	Theresa.Wilson@mpi.govt.nz	
Norway		The Research Council of Norway (RCN)	Thorbjørn Gilberg Siri Anzjøn Dr. Anicke Brandt-Kjelsen	thgi@rcn.no sia@rcn.no anb@rcn.no	+47 22037433 +47 22037098 +47 95999540
Poland		National Centre for Research and Development (NCBR)	Kinga Szymańska-Rzeźnik	Kinga.szymanska@ncbr.gov.pl	+48 22 39 07 457
Romania		The Executive Agency for Higher Education, Research, Development and Innovation Funding (UEFISCDI)	Dr. Adrian Asanica Luciana Bratu	adrian.asanica@uefiscdi.ro luciana.bratu@uefiscdi.ro	+40 744 450 011 +40 723 588 779
Slovakia		Slovak Academy of Sciences (SAS)	Ján Barančik	barancik@up.upsav.sk	+421 2 57510137

country		National/Regional Contact Point	name	email	telephone
Spain – Andalucia		Corporación Tecnológica de Andalucía (CTA)	Nathalie Chavrier	Nathalie.chavrier@corporaciontecnologica.com	+34 954461352
Spain – Murcia		Instituto de Fomento de la Región de Murcia (INFO MURCIA)	Rafael Ataz Gómez	Rafael.Ataz@info.carm.es	+34 968 368034
Sweden		The Swedish Research Council for Environment (Formas)	Mattias Norrby	Mattias.norrby@formas.se	+46 8 775 40 21
Turkey		Ministry of Agriculture and Forestry - General Directorate of Agricultural Research and Policy (MoAF TAGEM)	Handan ERKAN SAHİN Sezer ÖZ	handan.erkansahin@tarimorman.gov.tr handanerkan76@gmail.com sezer.oz@tarimorman.gov.tr ozsezer06@gmail.com	+ 90 312 307 6098 + 90 312 307 6146
Turkey		The Scientific and Technological Research Council of Turkey (TUBITAK)	Taner Bahadır	taner.bahadir@tubitak.gov.tr	+ 90 312 298 9454
United Kingdom		Department for Environment, Food and Rural Affairs (DEFRA)	Mark Jacob Luke Spadavecchia	mark.jacob@defra.gov.uk luke.spadavecchia@defra.gov.uk	+44 208 225 8899 +44 208 026 3587
Uruguay		National Agriculture Research Institute (INIA)	Veronica Musselli	vmusselli@inia.org.uy	+598 (2) 902 05 50

Annex B: Template for the Letter of Financial Commitment

This template should be used as evidence of the availability of funds by applicants who are:

- *from countries not participating in the 2018 Joint Call or*
- *based in participating countries but do not seek funding from the participating Funding Parties.*

To be submitted electronically with the proposal through the online submission tool: www.ict-agri.eu/...

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 authorised representative of the organisation****.*

In case of failure to provide such a commitment in a proposal submission, an applicant could be regarded as ineligible, jeopardising the whole research consortium.

Name and address of organisation	
Name and address of contact person	

2018 Joint Call on novel technologies, solutions and systems to reduce greenhouse gas emissions in animal production systems

Letter of Commitment

City, Date

We hereby confirm that

organisation

has sufficient resources and is committed to participating in the project

project title

in accordance with the proposal which is submitted by

coordinator

in the frame of the **2018 Joint Call** on novel technologies, solutions and systems to reduce greenhouse gas emissions in animal production systems and in the case that the proposal is selected for funding by the **2018 Joint Call Steering Committee**.

In addition, in case of a separate source of funding:

Please find attached to this letter a commitment from

Funding organisation	

for our contribution to this project.

Signature and affiliation of Authorised Signatory	

Annex C: Proposal template

Part A: Project data

- » Project title
- » Acronym
- » Research Themes addressed (see IV. Themes)
- » Keywords
- » Duration (months), expected project start and end (maximum: date XXYYZZ)
- » Total funding requested for each partner
- » Publishable Summary
- » 3 experts (by name) not to evaluate the proposal due to a specific Conflict of Interest

Part B: Project partners

- » Project Coordinator Information
  - › Contact details
  - › Brief description of relevant qualification and international expertise
    - » Project management, international collaboration and
    - » For researchers: 5 Publications relevant to prove the expertise or
    - » For industrial partners: 5 references to prove competence and know-how
- » Project Partner Information
  - › Organisation/Address
  - › Role and responsibilities of each project partner in the project
  - › Brief description of relevant qualification and international expertise
    - » International collaboration and
    - » For researchers: 5 Publications relevant to prove the expertise or
    - » For industrial partners: 5 references to prove competence and know-how

Part C: Project budget

- » total funding requested by each project partner, funding organisation (where applicable)
- » divided by budget items: person months, overheads, direct costs (consumables, travel, subcontracting)
- » short explanation for each budget item

Part D: Description of Work

- Excellence
  - › Objectives
  - › Relation to the call scope
  - › Concept and approach
  - › Ambition
- Impact
  - › Expected impacts
  - › Measures to maximise impact
    - (a) Dissemination and exploitation of results
    - (b) Communication activities
- Implementation
  - › Work plan (WPs, deliverables and milestones)

› Management structure and procedures › Consortium as a whole › Resources to be committed › Data Management Plan - Gantt chart - Critical Risks for implementation - Summary of Staff Effort - References
Part E: Societal & Ethical Aspects » any aspects of the proposal that could possibly raise societal concerns or ethical issues. » full implementation of the 3R (reduction, replacement, refinement) principles in any research project using animals is required

Annex D: National/Regional Regulations



BELGIUM – Flanders Region

Applicants are advised that this annex is for general guidance only. For more detailed rules and regulations please refer to the national/regional call announcement and contact the National/Regional Contact Point.

Funding Party:

Agentschap Innoveren & Ondernemen
(Flanders Innovation and Entrepreneurship)

Funding Programme:

see links below

National/Regional Contact Point:

VLAIO

contact person:	email:	telephone:
Kirezi Kanobana, scientific advisor	kirezi.kanobana@vlaio.be	+32 2 432 42 11
Anne De Brabandere, scientific advisor	anne.debrabandere@vlaio.be	+32 2 432 42 37

Eligibility criteria:

Minimum and/or maximum project duration:

Projects may last from 6 to 24 months for development projects, 36 months for research projects and LA-trajectories.

Minimum and/or maximum funding per project:

Funding scheme follows the national rules of funding.

For enterprises: The maximum funding percentage is 25 – 60 % depending on the size

of the enterprise and on the TRL level.

For LA-trajectories: The funding percentage is 90%. A total of at least 10% should be financed by the user group.

For this call maximum funding per project is < 500 000 euro.

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

Development and Research Projects: 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.

LA-trajectories: The eligible partners are Flemish research organizations (or equivalent) with legal entity in Flanders. Minimum 1 Flemish RO needs to apply for funding. Enterprises can be involved as subcontractors in the projects.

Application for funding via Agentschap Innoveren en Ondernemen:

Information will be provided on the VLAIO website for applicants with additional templates to be completed.

Those completed 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 before the deadline for submission to check the eligibility aspects.

For Development and Research projects, the submission of projects is online (see link below).

For LA trajectories, the project application should be sent to landbouw@vlaio.be.

National/regional topic priorities:

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

Focus on multi-actor approach in integrated projects. Economic valorisation is a prerequisite for all programs. Flemish companies should calculate the economic benefits and valorisation in Flanders for their part of the project.

More details in the national/regional call announcement:

Research projects:
https://www.vlaio.be/nl/subsidies-financiering/onderzoeksproject

Development projects:
https://www.vlaio.be/nl/subsidies-financiering/ontwikkelingsproject

LA-trajectories:
https://www.vlaio.be/nl/andere-doelgroepen/landbouw-la-trajecten



CHILE

Applicants are advised that this annex is for general guidance only. For more detailed rules and regulations please refer to the national/regional call announcement and contact the National/Regional Contact Point.

Funding Party:

Instituto de Investigaciones Agropecuarias (INIA)

Funding Programme:

National/Regional Contact Point:

contact person:	**email:**	**telephone:**
Marta Alfaro	malfaro@inia.cl	(56 2) 5771012

Eligibility criteria:

a. Proposals must comply with the general eligibility criteria set by the Joint Call Document

b. All applications requesting Chile funding under this call must contain a letter of support from INIA before submission.

c. The call will be restricted to INIA researchers holding a permanent position contract, working on the selected research areas.

d. Proposals shall include a dissemination plan.

e. All intellectual property arising from projects supported by this call will be managed through an IP Plan. Proposals should indicate in general how IP will be managed, with a full IP Plan developed at the contracting phase.

f. Maximum funding available per proposal: 100,000 Euros.

g. Proposals should not exceed 36 months.

h. Eligibility of funding includes travel and subsistence, consumables and other agreed costs e.g. sub-contracting operational costs, but no investment, neither personnel.

National/regional topic priorities:

Chile will only fund projects in the following research topics:

- Development of novel fertilizers options to reduce GHG emissions from grazing pastures
- Development of country specific EF for N2O emissions from soils and manures, including its relationships to NH3 volatilization
- Development of country specific EF for enteric CH4
- Development of mitigation options to reduce GHG emissions from soils and ruminants
- Soil carbon sequestration and storage under livestock grazing systems

More details in the national/regional call announcement:

For further information please contact Marta Alfaro (malfaro@inia.cl), Deputy Director for Research and Development at INIA.



DENMARK

Applicants are advised that this annex is for general guidance only. For more detailed rules and regulations please refer to the national/regional call announcement and contact the National/Regional Contact Point.

Funding Party:

Ministry of Environment and Food

Funding Programme:

Applicable legislation and guidelines

Act on a Green Development and Demonstration Programme, Act. No. 1502 of 27 December 2009:

https://www.retsinformation.dk/Forms/R0710.aspx?id=129569

Administrative Order on a Green Development and Demonstration Programme, Order No. 1069 of 13 September 2017:

https://www.retsinformation.dk/forms/R0710.aspx?id=192729

GUDP general application guideline; Please use the latest version if there is no actual call - In Danish:

http://lbst.dk/tilskud-selvbetjening/tilskudsguide/groent-udviklings-og-demonstrationsprogram-gudp/

Reference is made to the GUDP Strategy 2015-18 and Action Plan 2015:

http://lbst.dk/fileadmin/user_upload/NaturErhverv/Filer/Indsatsomraader/GUDP/GUDP-bestyrelsen/GUDP_Strategi_2015-2018_og_Handlingsplan_2015.pdf

National/Regional Contact Point:

Danish Agricultural Agency (DAA)

contact person:	**email:**	**telephone:**
Elba Lorenzen	ELBLOR@lbst.dk	+45 3199 6971
Karen Munch Mortensen	KARMO@mst.dk	+45 2246 5282

Eligibility criteria:

Max. project duration: 4 years

The funding from the Ministry of Environment and Food of Denmark for this call is under the auspices of the Board of the "Green Development and Demonstration Programme" (GUDP) and is administered by the Danish Ministry of Environment and Food.

GUDP is a funding programme with focus on motivating and promoting ambitious and green business oriented innovation activities in the Danish agriculture, fisheries and food sector. Thus, GUDP projects must induce green sustainability and economical sustainability simultaneously through the entire value chain. Green sustainability means having a focus on the environment, climate, nature, quality, sustainable exploitation of resources, food safety, human health, and animal welfare. Economical sustainability means having a focus on generating profit, socio-economic effects and addition of value to raw materials to support growth and competitiveness.

Projects shall meet the needs of the food industry and have to follow the rules and regulations of GUDP. In addition, it is a requirement that Danish participants submit a separate business plan in order to be eligible for funding. More about the business plan can be read below.

Additional information:

For Danish applicants, the rules of GUDP prevail, but the international application- and budget templates should be used; only in case of funding, a budget scheme, paricipant datasheets and Gantt chart for the Danish part of the work has to be submitted.

Applications for funding can be submitted by:

- Large, medium and small size enterprises (incl. stakeholders and similar associations, independent institutions, private research organizations, owners, tenants and users of farms)
- Research and other public knowledge institutes
- Technical Service Institutes (GTS) – are classified as companies

Funding from GUDP cannot be granted directly to foreign institutions or businesses registered outside of Denmark; they can however be part of the Danish participation in a project on a consultancy basis.

More details about maximum subsidiary rates and eligible costs can be found in GUDP's general national guidelines (Please use the latest version if there is no actual call) under "skema B: Budgetskema og gantt-diagram":

http://lbst.dk/tilskud-selvbetjening/tilskudsguide/groent-udviklings-og-demonstrationsprogram-gudp/

Submission of a business plan prior to the preregistration deadline is mandatory for

Danish applicants. The business plan should be sent directly by the Danish project partner to the Danish contact person (see contact details above) before the application deadline.

Details about the content of the business plan can be found in the national guidelines, sections are indicated below.

The business plan should be in English and include the following aspects:

- Project title and acronym
- Consortium participants
- Project output (max. 1 page) – Guidelines section A28
- Description of marked and customers (max. ½ page) - Guidelines section A29
- The business perspective (max. 1 page) - Guidelines section A30
- The business model (max. ½ page) – Guidelines section A31
- Risk analysis (max. ½ page) – Guidelines section A32

National / regional topic priorities:

under www.gudp.dk

More details in the national/regional call announcement:

under www.gudp.dk



ESTONIA

Applicants are advised that this annex is for general guidance only. For more detailed rules and regulations please refer to the national/regional call announcement and contact the National/Regional Contact Point.

Funding Party:

Ministry of Rural Affairs (MEM)

Funding Programme:

The national programme "Applied Research and Development in Agriculture 2015-2021", is the main funding programme.

National/Regional Contact Point:

Ministry of Rural Affairs,
Research and Development Department

contact person:	**email:**	**telephone:**
Maarja Malm, Chief Specialist of the Research and Development Department	maarja.malm@agri.ee	+372 625 6250,
Helena Pärenson, Chief Specialist of the Research and Development Department	helena.parenson@agri.ee	+372 625 6550

Eligibility criteria:

Participants must be universities or research organisations and meet other requirements of eligibility determined by the national programme "Applied Research and Development in Agriculture 2015-2021", is the main funding programme.

Further details:

Please note that there is a 5% of own contribution required upon funding.

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.

National / regional topic priorities:

none

More details in the national/regional call announcement:

http://www.agri.ee/et/pollumajanduslikud-rakendusuuringud-ja-arendustegevus-aastatel-2015-2021



FINLAND

Applicants are advised that this annex is for general guidance only. For more detailed rules and regulations please refer to the national/regional call announcement and contact the National/Regional Contact Point.

Funding Party:

1) Ministry of Agriculture and Forestry (MMM)
2) Business Finland (BF)

Funding Programmes:

Ministry of Agriculture and Forestry: The Development Fund for Agriculture and Forestry (Makera)

Business Finland: Bio and Circular Economy, Food From Finland 2.0

National/Regional Contact Points:

Ministry of Agriculture and Forestry (MMM);
Information and Research Division

Business Finland (BF)

contact person:	email:	telephone:
Elina Nikkola (MMM)	elina.nikkola@mmm.fi	+358 2951 62333
Ilmari Absetz (BF)	ilmari.absetz@businessfinland.fi	+358 50 557 7837

Eligibility criteria MMM:

The main national criteria emphasizes that the research shall benefit the agri-food livelihood; no other topic preferences:

1. Enterprises are funded as well as research institutes; in both cases, 70 % of the project's gross eligible costs are covered.
2. The work carried out must be pre-competitive research and/or prototype demonstration. Product development supporting individual firms is not supported.
3. The results of funded projects must be open for access by all potential user groups
4. The application must contain a plan for communication and dissemination of

results

5. Applicants are required to make sure that the total sum of the budget includes all details for full cost model. Financial involvement must be clearly stated in the application.
6. Funding does not cover expenditures for activities before the project has been granted.

Eligibility criteria BF:

1. Single or company consortium funding with grants or loans.
2. Co-innovation projects, with a minimum requirement of at least one Finnish SME's project in the consortium may be considered.
3. Also Finnish research organizations and large companies can be funded in the co-innovation funding scheme.

National/regional topic priorities:

The main national criteria emphasizes that the research & development projects shall benefit the agri-food livelihood by potential business innovation, otherwise no specific topic priorities.



FRANCE

Applicants are advised that this annex is for general guidance only. For more detailed rules and regulations please refer to the national/regional call announcement on ANR website (http://www.agence-nationale-recherche.fr/) and contact the National/Regional Contact Point.

Funding Party:

Agence Nationale de la Recherche (ANR)

Funding Programme:

ANR Work programme 2019

National/Regional Contact Point:

ANR

contact person:	**email:**	**telephone:**
Guillaume Caillou	guillaume.caillou@agencerecherche.fr	+33 1 73 54 82 87
Claude Yven	claude.yven@agencerecherche.fr	
Johann Muller	johann.muller@agencerecherche.fr	

Eligibility criteria:

- Proposed projects may not exceed 36 months.
- One project can require a minimum of 15,000 € and up to 250,000 €. If there are more than one French partner, then the 250,000 € have to be shared. A partner cannot require less than 15,000 €.
- Applicants must include at least one French partner in the public 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.
- 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 2019 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.

National/regional topic priorities:

none

More details in the national/regional call announcement:

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.

If French applicants have any questions about their eligibility, they are strongly advised to contact ANR to enquire about their eligibility for the call before developing the proposal.



GERMANY

Applicants are advised that this annex is for general guidance only. For more detailed rules and regulations please refer to the national/regional call announcement and contact the National/Regional Contact Point.

Funding Party:

Federal Ministry of Food and Agriculture (BMEL)

Funding Programme:

Specific Programme on International Research Cooperation on Global Food Security and other international research tasks regarding Food and Agriculture

National/Regional Contact Point:

Federal Office for Agriculture and Food (BLE),
Unit 315 - European Research Affairs

contact person:	**email:**	**telephone:**
Babette Breuer	babette.breuer@ble.de	+49 228 6845-2925
Timo Kuhrau	timo.kuhrau@ble.de	+49 228 6845-3288
Dr. Johannes Pfeifer	johannes.pfeifer@ble.de	+49 228 6845-2634

Eligibility criteria:

BMEL funding is based on §§ 23 and 44 BHO (Bundeshaushaltsordnung) and associated administrative regulations. The main items are the following:

- The funding regulations, follow-up and reporting of publicly funded projects are regulated according to NABF (Nebenbestimmungen des Bundesministeriums für Bildung und Forschung für Zuwendungen zur Projektförderung auf Ausgabenbasis) and NKBF-2017 (Nebenbestimmungen des Bundesministeriums für Bildung und Forschung für Zuwendungen zur Projektförderung auf Kostenbasis an Unternehmen

der gewerblichen Wirtschaft für Forschungs- und Entwicklungsvorhaben).
- Proposed projects must be in line with the above mentioned national announcement.
- Maximum of 250.000€ funding will be awarded per project as non-repayable project grant.
- Eligible Applicants are universities, research institutions and SMEs domiciled in Germany. Research institutions receiving basic financing can be funded subject to specific conditions.

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 the documents for credit assessment that are available under the following link:

https://foerderportal.bund.de/easy/ => Formularschrank => Bundesanstalt für Landwirtschaft und Ernährung (BLE) => Zuwendungen auf Kostenbasis (AZK) => Unterlagen zur Bonitätsprüfung

National/regional topic priorities:

With regard to improving sustainability of the animal production sector, research projects need to incorporate economic, environmental and societal aspects alike.

No thematic priorities.

More details in the national/regional call announcement:

BMEL funding of the 2018 Joint Call is provided as delineated in the national announcement „Bekanntmachung Nr. 10/18/31 des Bundesministeriums für Ernährung und Landwirtschaft (BMEL)", published in the Bundesanzeiger, link to be found on BLE homepage www.ble.de.



GREECE

Applicants are advised that this annex is for general guidance only. For more detailed rules and regulations please refer to the national/regional call announcement and contact the National/Regional Contact Point.

Funding Party:

GENERAL SECRETARIAT FOR RESEARCH AND TECHNOLOGY (GSRT)

Funding Programme:

Operational Programme for Research, Entrepreneurship and Innovation 2014-2020, Research and Innovation Smart Specialization Strategy (RIS3)

National/Regional Contact Point:

Ministry of Education, Research and Religious Affairs,
General Secretariat for Research & Technology,
International S&T Cooperation Directorate,
Bilateral and Multilateral Cooperation Section

contact person:	**email:**	**telephone:**
Paraskevi Afentaki, Programme Officer and Programme Manager	pafe@gsrt.gr	+30 213 1300 112

Eligibility criteria:

GSRT potentially supports the following types of RTD, namely: Industrial research, experimental development, feasibility studies (COMMISSION REGULATION (EU) No 651/2014 article 25)

GSRT potentially supports all private and public applicants, namely:

- Private – SME
- Private – large companies
- Non-profit research organisation
- Higher education institution
- Public research organisation
- Public organisation

GSRT does not support individuals and individual enterprises

EUR 1.000.000 national funding that comes from structural funds and particularly from Operational Programme for Research, Entrepreneurship and Innovation 2014-2020, Research and Innovation Smart Specialization Strategy (RIS3)

A. Aid for research and development projects (COMMISSION REGULATION (EU) No 651/2014 article 25)

1. Kind of Research.

The aided part of the research and development project shall completely fall within one or more of the following categories:

(a) industrial research;

(b) experimental development;

(c) feasibility studies

2. The eligible costs of research and development projects shall be allocated to a specific category of research and development and shall be the following:

(a) personnel costs: researchers, technicians and other supporting staff to the extent employed on the project; (regarding the individual enterprises the contracts should abide by the national legislation and guidelines)

(b) costs of instruments and equipment to the extent and for the period used for the project. Where such instruments and equipment are not used for their full life for the project, only the depreciation costs corresponding to the life of the project, as calculated on the basis of generally accepted accounting principles are considered as eligible.

(c) Costs for of buildings and land, to the extent and for the duration period used for the project. With regard to buildings, only the depreciation costs corresponding to the life of the project, as calculated on the basis of generally accepted accounting principles are considered as eligible. For land, costs of commercial transfer or actually incurred capital costs are eligible.

(d) costs of contractual research, knowledge and patents bought or licensed from outside sources at arm's length conditions, as well as costs of consultancy and equivalent services used exclusively for the project;

(e) additional overheads and other operating expenses, including costs of materials, supplies and similar products, incurred directly as a result of the project;

B. The aid intensity for each beneficiary:

1. Public Research Institutes and Universities

The aid intensity can reach 100% for performing non economical activities in accordance to the point 19 of the article 2.1.1 of the «Framework for State aid for research and development and innovation» (2014/C 198/01)).

2. Private Sector (The aid intensities for industrial research and experimental development may be increased up to a maximum aid intensity of 80 % of the eligible costs if certain conditions are fulfilled, see COMMISSION REGULATION (EU) No 651/2014 articles 25, 28, 29) https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32014R0651&from=EN)

(a) 50 % of the eligible costs for industrial research;

(b) 25 % of the eligible costs for experimental development;

The aid intensities for industrial research and experimental development may be increased up to a maximum aid intensity of 80 % of the eligible costs as follows:

(a) by 10 percentage points for medium-sized enterprises and by 20 percentage points for small enterprises;

(b) by 15 percentage points if one of the following conditions is fulfilled:

(i) the project involves effective collaboration:

— between undertakings among which at least one is an SME, or is carried out in at least two Member States, or in a Member State and in a Contracting Party of the EEA Agreement, and no single undertaking bears more than 70 % of the eligible costs, or
— between an undertaking and one or more research and knowledge-dissemination organisations, where the latter bear at least 10 % of the eligible costs and have the right to publish their own research results;

(ii) the results of the project are widely disseminated through conferences, publication, open access repositories, or free or open source software.

(c) the aid intensity for feasibility studies may be increased by 10 percentage points for medium-sized enterprises and by 20 percentage points for small enterprises.

C. Eligible costs as Indirect Costs

Fixed percentage of up to 15% calculated on the basis of the personnel budget of the partner. Indirect costs are eligible for all Legal Entities.

D. Upper funding limits for the eligible costs

Upper limit of the total public funding will be 200.000 € per project (including indirect costs). Please note that this amount can be increased to 250.000 € per project if Greek partner assumes the project coordination.

The maximum state aid intensity will be calculated according to the provisions of the European state aid rules and regulations in force (type of research activity, size of the

participating enterprise, collaborative research).

E. Duration of the projects

The duration of a funded project is 24- 36 months. A possible extension of the duration under conditions can be accepted maximum up to the1/3 of the initial duration taking into account the starting date without modifying the scientific or increasing the financial part of the project and the prerequisites of the current Operational Programme 2014-2020 (e.g. closing date for financing the projects in national level).

F. Evaluation

In national level, only eligibility check is conducted and not a full evaluation in stages 1 and 2. We rely on the evaluation of external experts.

National/regional topic priorities:

All themes 1-3

TRL3-(8) (according to COMMISSION REGULATION (EU) No 651/2014/Definitions for Aid for Research, Development and Innovation, pages 24-26/par. 83-96)

More details in the national/regional call announcement:

For more information please contact the NCP.

Further information regarding the categorization of aid intensity and the eligibility of costs is available at the national guide published at GSRT website (current national call/adjustments will be made in the next national calls). For any clarifications please contact the NCP.
http://www.gsrt.gr/central.aspx?sId=108I334I1106I646I444510&ollD=777&neID=673&neTa=12_20503_1&ncID=0&neHC=0&tbid=0&lrlD=2&oldUllD=aI777I0I119I428I1089I0I3&actionID=load



IRELAND

Applicants are advised that this annex is for general guidance only. For more detailed rules and regulations please refer to the national/regional call announcement and contact the National/Regional Contact Point.

Funding Parties:

Department of Agriculture, Food and the Marine (DAFM)

Teagasc

Funding Programmes:

Research Stimulus Fund

Walsh Fellowship Programme

National/Regional Contact Point:

Department of Agriculture, Food and the Marine (DAFM)

contact person:	**email:**	**telephone:**
Dr Aidan Holohan	aidan.holohan@agriculture.gov.ie	+353 (0)1 607 2426

Eligibility criteria:

All DAFM approved RPOs in Ireland (including Teagasc, and the Higher Education Institutes) are eligible to participate and submit proposals. Public RPOs based in Northern Ireland are not eligible. The involvement of industry is also encouraged on a self-financing basis subject to the need to respect the 'public good' nature of DAFM Research Funding Programmes and compliance with the National IP Protocol (see Section 6).

Funding Rules:

Funding will be awarded to national applicants in accordance with the regulations

set out in the 2018 Joint Call Guidelines. Applications must include at least two Irish RPOs, each accounting for at least 10% of the overall combined grant requested from DAFM/Teagasc [1]. The total combined DAFM/Teagasc public funding to Irish RPOs shall not be greater than €375,500 per project. This must include €88,000 for a four-year Walsh Fellowship-funded PhD (€16,000/year stipend plus a maximum of €6,000/year fees). As the Joint Call invites proposals for three-year projects the scientific work should be completed within the first three years in collaboration with the European partners. The fourth year is primarily for completion of the PhD and writing up of the thesis. For this fourth year, a minimal Irish budget should be included to cover the cost of the Walsh Fellow fees and stipend and some minimal travel and consumables.

Eligible costs will be allowed in the categories of:

(a) Staff Costs
(b) Equipment
(c) Travel and Subsistence (T&S)
(d) Consumables
(e) Overheads
(f) Other agreed costs e.g. Sub-Contracting

National/regional topic priorities:

In addition to Joint Action requirements in terms of Research Themes, proposals must closely align with the relevant national strategic research and innovation agenda; Sustainable Healthy Agri-Food Research Plan (SHARP).

More details in the national/regional call announcement:

National Call document to be published shortly at https://www.agriculture.gov.ie/research/

1) This requirement will not apply to third and subsequent Irish partners on any project. Any project that does not comply with this requirement will be deemed ineligible at the national eligibility check at the pre-proposal stage of the evaluation.



ITALY

Applicants are advised that this annex is for general guidance only. For more detailed rules and regulations please refer to the national/regional call announcement and contact the National/Regional Contact Point.

Funding Party:

Ministry of agricultural food, forestry and tourism policies- MIPAAFT

Funding Programme:

Strategic Plan 2014-2020 for Innovation and Research in the Agricultural, Food, and Forestry Sector

National/Regional Contact Point:

MIPAAFT Research and Experimentation Office (DISR IV)

contact person:	**email:**	**telephone:**
Silvia Baralla	s.baralla@politicheagricole.it	+39 0646655183
Annamaria Stella Marzetti	a.marzetti@politicheagricole.it	+39 0646655174

Eligibility criteria:

Applicants

Both national public research institutions as well as no-profit private bodies can be funded, under the condition that "performing research activities" and not only "promoting or supporting research activities" must be declared among their institutional and statutory scopes.

Furthermore, 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.

MIPAAFT will make available a contribution of 600.000 EUR to eligible projects that will be positively evaluated by the international panel of experts and selected for funding. The projects can be funded up to 99% of the approved eligible costs

stepwise. The maximum duration of a project is 36 months.

Eligible costs summary:

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. For private institutions salaries of permanent staff actually participating in the project activity can be funded.

2) Travel expenses- for permanent and non permanent staff declared as involved in the project

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

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

F) Coordination – costs related to coordination activities with the other partners of the project (e.g. project meeting organization, etc.) must not exceed 10% of the total costs of the IT partner. In case the Italian institution is playing the role of project coordinator the costs should refer to what foreseen in "User's manual".

For any further detail (e.g., eligible costs, transfer of funds, etc.), please refer to the "User's Manual (Manuale Utente, approved by the D.M. 27532, 23rd November 2016) available at the following link:

https://www.politicheagricole.it/flex/cm/pages/ServeBLOB.php/L/IT/IDPagina/10656

National additional forms and documents

By the call deadline there is no need to send any application or documents to MIPAAFT. Only after the funding decision MIPAAFT DISR IV will contact each Italian research unit of the selected projects to activate the negotiation procedure for issuing the national contribution.

National/regional topic priorities:

none

More details in the national/regional call announcement:

https://www.politicheagricole.it/flex/cm/pages/ServeBLOB.php/L/IT/IDPagina/7801



LATVIA

Applicants are advised that this annex is for general guidance only. For more detailed rules and regulations please refer to the national/regional call announcement and contact the National/Regional Contact Point.

Funding Party:

State Education Development Agency (VIAA)

Valsts izglītības attīstības aģentūra

Funding Programme:

Support for Participation in European Union's Research and Technology Development Programs

National/Regional Contact Point:

State Education Development Agency (VIAA)
Unit of International Research Programs

contact person:	**email:**	**telephone:**
Maija Bundule	maija.bundule@viaa.gov.lv	+371 67785423

Eligibility criteria:

Following legal persons (as defined under the Latvian law) are eligible for funding, except natural persons:

- R&D institutions - research institutes, universities, higher education establishments, their institutes and research centres etc.
- Enterprises and companies
- R&D institutions (research institutes, universities, higher education establishments, research centres etc.) must be listed in the Registry of Research Institutions operated by the Ministry of Education and Science of the Republic of Latvia

Private entities must be registered in the Registry of Enterprises of the Republic of Latvia and provide most of its R&D&I activities in the Republic of Latvia.

Eligible costs:

Direct costs:

- Personnel costs,
- Other direct costs such as consumables, equipment (only depreciation costs), materials and etc.,
- Subcontracts (up to 25% of total direct costs),
- Travels costs,
- Indirect costs (can reach a maximum of 25% of the total direct costs).

Funding does not cover expenditures for activities before the project has been granted.

Other relevant documents/links:

- The funding of RTD activities is provided pursuant in accordance with the Regulation of the Council of Ministers of the Republic of Latvia No 259 on the procedure for providing support for participation in international cooperation programs for research and technology (adopted on 26 June 2015);
- National co-financing rate for project shall be determined in accordance with the Commission's Regulation (EC) No 651/2014 of 17 June 2014 declaring certain categories of aid compatible with the common market in application of Articles 87 and 88 of the Treaty (General block exemption Regulation).

Maximum Amount per Proposal: Maximum of 70 000 euros per project year can be requested by each project participant.

National/regional topic priorities:

none

More details in the national/regional call announcement:

not published



LITHUANIA

Applicants are advised that this annex is for general guidance only. For more detailed rules and regulations please refer to the national/regional call announcement and contact the National/Regional Contact Point.

Funding Party:

Ministry of Agriculture of the Republic of Lithuania

THE MINISTRY OF AGRICULTURE OF THE REPUBLIC OF LITHUANIA

Funding Programme:

International research funding rules for 2015–2020 approved by the Minister of Agriculture of the Republic of Lithuania (Žemės ūkio ministerijos 2015–2020 metų tarptautinių mokslinių tyrimų ir taikomosios veiklos projektų administravimo taisyklės)

National/Regional Contact Point:

contact person:	**email:**	**telephone:**
Justina Vaišvilaitė	justina.vaisvilaite@zum.lt	+370 5239 1203
Zita Duchovskienė	zita.duchovskiene@zum.lt	+370 5239 1023

Eligibility criteria:

Funding will be provided to the Lithuanian participants complying with the international research funding rules for 2015–2020 set up by the Ministry of Agriculture.

The rules are available on the following link:

https://www.e-tar.lt/portal/lt/legalAct/8604341072bc11e7827cd63159af616c

Eligible costs:

1. Personnel costs (salaries of personnel, travel expenses);

2. Equipment and material;
3. Expenditure on research, knowledge and patents procured by license;
4. Other operating expenses (materials, reagents, instruments, safety measures, software and/ or the measures that are used up during the implementation of the project);
5. Indirect expenses (20% of direct costs).

Lithuania's total budget for the call is 200.000 €, with maximum funding at 100.000 € per project.

National/regional topic priorities:

none

More details in the national/regional call announcement:

More information at MoA homepage:

http://zum.lrv.lt/lt/veiklos-sritys/mokslas-mokymas-ir-konsultavimas/mokslas/tarptautiniai-moksliniu-tyrimu-ir-taikomosios-veiklos-projektai/era-net-susan



THE NETHERLANDS

Applicants are advised that this annex is for general guidance only. For more detailed rules and regulations please refer to the national/regional call announcement and contact the National/Regional Contact Point.

Funding Party:

Netherlands Organisation for Scientific Research (NWO)

Funding Programme:

NWO Domain Science: Funding for international activities in the economic priority area Agri&Food, linked to FACCE-JPI.

National/Regional Contact Point:

Netherlands Organisation for Scientific Research (NWO),
Domain Science

contact person:	**email:**	**telephone:**
Martijn Los	m.los@nwo.nl	+31 70 3440508

Eligibility criteria:

Important information:

Provided below is a summary of the NWO guidelines for this call, full (and binding) detail is provided in the document "Requirements for Dutch applicants" which is available for download on the NWO website (www.nwo.nl -> Our funding instruments -> search for ERA-GAS, SusAN or ICT-Agri).

General information:

- 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. NWO Grant rules 2017). For this specific call, this includes TO2 and HBO institutes.
- Applicants can apply for a grant to cover research costs such as the appointment

of personnel (post-doc/senior researchers), material facilities (consumables, travel costs, etc.) and fieldwork. Each cost category should be explained separately in the application.
- A single Dutch partner may request a maximum of 240,000 euro for personnel costs and material and networking costs according to the specifications in the "requirements for Dutch applicants". The grant must be used for a scientific position (post-doc or equivalent) in combination with material budget.
- The total duration of the project must be at least one year and be no more than three years.

National/regional topic 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 the call for proposals.

More details in the national/regional call announcement:

Applicants are advised to contact NWO before preparing applications for this call.

More information: www.nwo.nl -> Our funding instruments -> search for ERA-GAS, SusAN or ICT-Agri



NEW ZEALAND

Applicants are advised that this annex is for general guidance only. For more detailed rules and regulations please refer to the national/regional call announcement and contact the National/Regional Contact Point.

Funding Party:

Ministry for Primary Industries (MPI)

Funding Programme:

not specified

National/Regional Contact Point:

MPI

contact person:	**email:**	**telephone:**
Theresa Wilson	Theresa.Wilson@mpi.govt.nz	

Eligibility criteria:

General criteria

a. The Ministry for Primary Industries (MPI) will only contract with New Zealand research providers.

b. Proposals must comply with the general eligibility criteria set by the Joint Call Document

c. All applications requesting New Zealand funding under this call must contain a letter of support from MPI before submission.

d. Applications requesting New Zealand funding must be submitted to the New Zealand National Contact Point (Theresa.Wilson@mpi.govt.nz) at the Ministry for

Primary Industries **by 5pm on 26 November 2018** to obtain this letter of support.

Funding and participation

New Zealand will contribute a maximum of 1,000,000 Euros in total to this Joint-Call.

Intellectual Property

a) All intellectual property [1)] (IP) arising from projects supported by this call will be managed through an IP Plan. Proposals should indicate in general how IP will be managed, with a full IP Plan developed at the contracting phase. This plan must outline in detail how IP (including background IP, and IP developed in the course of carrying out a project) will be managed.

b) New Zealand's general principles in relation to the management of IP are set out below. When required, specific terms for the ownership and use of IP will be negotiated by MPI at the contracting phase in good faith consistent with these principles:

   i. IP should be dealt with in a manner that ensures maximum benefit for both New Zealand and globally.

   ii. Unless there are strong reasons to withhold, protect, or commercialise IP developed in the course of carrying out a project, then it should be made public and freely available.

Other

It is expected that New Zealand research providers that are contracted by New Zealand under this call, will accept the standard terms and conditions that New Zealand has set. These standard terms and conditions can be obtained by contacting the New Zealand National Contact Point. Submission of proposals from New Zealand research providers to this call is deemed an acceptance of these terms and conditions.

National/regional topic priorities:

Eligible topics

New Zealand will only fund projects in the following research topics:

- Development of methods and techniques for measurement and estimation of livestock methane at field, regional and national scale.
- Refining estimates of N2O, NH3 and CH4 emissions from manure management (housing, storage, land application and direct deposition during grazing).
- Development of robust and low-cost methods for long-term monitoring of soil carbon under grazing livestock.
- Genetic selection of low emitting dairy cattle.
- Methods and techniques for detection of urine patches in pasture to enable precision application of nitrification inhibitors and fertiliser.

- Using knowledge of the rumen microbiome to identify low-emissions cattle and sheep.

More details in the national/regional call announcement:

not specified

1) "Intellectual Property" means all statutory, common law and other proprietary rights in respect of data, information, patents, patent applications, inventions, designs, trademarks, business names, copyright works, know-how, trade secrets, plant varieties, layout designs, results, outcomes, conclusions, products, systems, genetic material, experimental methods, processes, databases, notes, drawings, records, memoranda and other writings, computer programmes (including source code), graphics and data (in whatever form or format), whether registerable or not in any country (including New Zealand).



NORWAY

Applicants are advised that this annex is for general guidance only. For more detailed rules and regulations please refer to the national/regional call announcement and contact the National/Regional Contact Point.

Funding Party:

The Research Council of Norway (RCN)

Funding Programme:

FACCE-JPI is established as an independent activity in line with national funding programmes. National website: http://www.forskningsradet.no/prognett-jpifacce/Forside/1254005634060

National/Regional Contact Point:

contact person:	email:	telephone:
Thorbjørn Gilberg	thgi@rcn.no	+47 22037433
Siri Anzjøn	sia@rcn.no	+47 22037098
Dr. Anicke Brandt-Kjelsen	anb@rcn.co	+47 95999540

Eligibility criteria:

Norway will support Researcher Projects in this call. This implies that the responsible Norwegian partner in the project must 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 also follow RCN's General Terms and Conditions for R&D Projects:
https://www.forskningsradet.no/servlet/Satellite?c=Page&cid=1138882213515&pagename=ForskningsradetEngelsk%2FHovedsidemal

Norwegian project partners of financed projects will be requested to submit a national application to The Research Council of Norway.

National/regional topic priorities:

none

More details in the national/regional call announcement:

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



POLAND

Applicants are advised that this annex is for general guidance only. For more detailed rules and regulations please refer to the national/regional call announcement and contact the National/Regional Contact Point.

Funding Party:

National Centre for Research and Development (NCBR)

Funding Programme:

Funding Programme BIOSTRATEG: www.ncbr.gov.pl/programy/programy-strategiczne/srodowisko-naturalne-rolnictwo-i-lesnictwo-biostrateg/

National/Regional Contact Point:

contact person:	**email:**	**telephone:**
Kinga Szymańska-Rzeźnik	Kinga.szymanska@ncbr.gov.pl	+48 22 39 07 457

Eligibility criteria:

Following entities are eligible to apply:

- Research organizations;
- Micro, Small, Medium and Large Enterprise.

Organization must be registered in Poland. Max. project duration: 36 months.

It is recommended that one project partner can require up to 200 000 €.

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 organizations. 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, under Section 2 of *the Regulation of the Minister of Science and Higher Education of 25 February 2015 on criteria and rules on granting state aid and "de minimis" aid by the National Centre for Research and Development, published in Journal of Laws item 299, 2015.*

The organisation must conduct its business, R&D or any other activity on the territory of the Republic of Poland, confirmed by an entry into the relevant register, and provide a sufficient guarantee of reliable disbursement of public funds.

	Large Enterprises	**Medium Enterprises**	**Micro/Small Enterprises**	**Universities and research organizations**
Fundamental/Basic Research	n/a	n/a	n/a	n/a
Industrial/Applied Research	Up to 50+15 (max 65 %)	Up to 50+10+15 (max 75 %)	Up to 50+20+15 (max 80 %)	Up to 100 %
Experimental development	Up to 25+15 (max 40 %)	Up to 25+10+15 (max 50 %)	Up to 25+20+15 (max 60 %)	Up to 100 %

In any case only Industrial/Applied Research and Experimental Development will be

funded.
Other type of activities (e.g. coordination, dissemination, management) cannot be included into separated task.

All eligible entities, invited to submit Polish proposal are obliged to use the rate of exchange of The European Central Bank dated on the day of opening the call.

Polish Participants will be informed and invited to submit Polish proposal once the international evaluation and the ranking list will be established.

Additional Information

In addition to the national regulations, within a transnational call specific rules of the consortium may be applicable. Please read carefully the Call Text and all related instructions.

National/regional topic priorities:

none

More details in the national/regional call announcement:

Useful links:

https://www.ncbr.gov.pl/programy/programy-miedzynarodowe/era-net-co-fund/era-net-susan/aktualnosci/

https://www.ncbr.gov.pl/programy/programy-miedzynarodowe/era-net-co-fund/era-gas/konkursy/



ROMANIA

Applicants are advised that this annex is for general guidance only. For more detailed rules and regulations please refer to the national/regional call announcement and contact the National/Regional Contact Point.

Funding Party:

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

Funding Programme:

Program 3: European and international Cooperation, subprogram 3.2. H2020, of the National Plan for Research, Development and Innovation (PNCDI III)

National/Regional Contact Point:

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

contact person:	**email:**	**telephone:**
Adrian Asanica	adrian.asanica@uefiscdi.ro	+40744.45.00.11
Luciana Bratu	luciana.bratu@uefiscdi.ro	+40 723 588 779

Eligibility criteria:

Legal entities established in Romania are eligible to get funding, i.e. public and private accredited universities, national R&D institutes, other research organizations, SMEs, large industrial enterprises with R&D activity within their domains. 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 NASR Decision no 9281/8.13.2015 approving the scheme of State aid for Program 3: European and international cooperation.

The Principal Investigator of Romanian team must hold a Ph.D. degree. This condition does not apply if the Romanian host institution is an enterprise according with the specific European and national laws.

One research team leader will participate only one time in a proposal within the trans-national call as responsible or coordinator.

No simultaneous funding is possible for more than one application under the same call.

The Principal Investigator of Romanian team is full time employed within the host institution with permanent position, with fixed term contract covering at least the duration of the project or has an agreement with the host institution for his/her employment at least for the duration of the contract;

It is forbidden to submit a proposal which seeks to fund activities already funded by other public sources;

The host institution does not have a seizure on its accounts; it has not been declared bankrupt or wound up; it has not made false declarations concerning its economic and legal statute; it has not broken other contract previously signed with a public contracting authority; The host institution agrees to ensure the necessary administrative support, to provide access to all necessary resources/infrastructures, to support the project implementation in good conditions and to employ the members of the Romanian team, in respect of all legal provisions in force, if the project is selected for funding.

BUDGET:

The maximum funding for one project from the public budget is 250.000 Euro if Romania is the coordinator of the transnational project.

The maximum funding for one project from the public budget is 200.000 Euro if Romania is partner in the transnational project.

The following categories of expenses are eligible:

A. Staff costs (researchers, technicians and support staff, including all corresponding state and social contributions; these contributions are subject to national regulations in force);
B. Consumables (materials, supplies or similar);
C. Equipments (in full compliance with state aid regulations), no more than 30% of the total funding from the public budget;
D. Subcontracting (max. 25% of the total funding from the public budget); The subcontracted parts should not be core/substantial parts of the project work;
E. Travel expenses (in Romania or abroad, only for project teams members);
F. Overheads (calculated as a percentage of direct costs: staff costs, travel expenses and logistics costs - excluding capital costs).

Indirect costs will not exceed 20% of direct costs, excluding subcontracting.

Expenses are eligible if incurred after signature of the contract.

Maximum project duration: proposed participations may last up to 36 months

National/regional topic priorities:

none

More details in the national/regional call announcement:

The guideline according to the National Plan for Research, Development and Innovation 2015-2020, for ERA-NET Cofund projects has to be consulted and respected by applicants.



SLOVAKIA

Applicants are advised that this annex is for general guidance only. For more detailed rules and regulations please refer to the national/regional call announcement and contact the National/Regional Contact Point.

Funding Party:

Slovak Academy of Sciences (SAS)

Funding Programme:

not specified

National/Regional Contact Point:

Slovak Academy of Sciences,
Department of International Cooperation

contact person:	**email:**	**telephone:**
Ján Barančik	barancik@up.upsav.sk	+421 2 57510137

Eligibility criteria:

Eligible institutions - Only research Institutes of the Slovak Academy of Sciences are eligible organisations for funding by SAS (up to 100%). Applicants from other Slovak R&D centres have to cover the project costs from their own sources (Letter of Commitment). In addition to this, teams outside of SAS (universities and/or other organisations) can be consortium members but not the coordinator of the consortium.

Eligibility of principal investigator or other research team member - Each researcher of the core research team of a project consortium Slovak partner (other than the Principal Investigator) must have a job contract with or a fellowship with such a Slovak project partner, lasting until the end of the project or beyond. The principal Investigator of the research team of a project consortium Slovak partner must be a

senior researcher having a job contract with such a project partner, lasting until the end of the granted project or beyond.

The participation of the young scientists (Early Career Scientists) is strongly recommended. The Early Career Scientist must have been awarded his/her first doctoral degree at least 3 and up to 10 years prior to the pre-proposal submission deadline of the 2018 Joint Call.

Additional eligibility criteria - Eligible costs as defined in the 2018 Joint Call for Proposals text can be applied unless they are in conflict with the SAS Financial Rules for awarding grants for research projects. Priority is given to the SAS Financial Rules. https://www.sav.sk/index.php?lang=sk&doc=services-news&source_no=25&news_no=7114

Eligible costs - Direct costs (DC): Personnel (max. of 15% of all DC or max. of 30% of all DC, if Slovak team is a coordinator of consortium), Consumables, Equipment (max. 40% of DC) and Travel costs. Indirect costs (IC - overheads): max. 20 % of DC. Total eligible costs = DC + IC. Training costs shall not be defined as a separate category, but included in other costs items.

National/regional topic priorities:

According to the 2018 Joint Call topics

More details in the national/regional call announcement:
Initial funding pre-commitment: up to 120.000 €
Anticipated number of funded projects: 1
Maximal annual budget per project: 40.000 €

National phase – Submission of the proposal at the national level will be carried out once the international evaluation and the ranking list have been performed and endorsed by the 2018 Joint Call Steering Committee (CSC) and the Slovak project partner has been informed by the project consortium coordinator and invited by SAS to submit the proposal to it (Formular MVTS). The Presidium of SAS makes the final decision concerning the approval of funding (according to internal rules of SAS)
Further guidance: www.sav.sk; Act No. 133 Act of 19 February 2002 on the Slovak Academy of Sciences; Financial rules for awarding SAS grants for research projects in the framework of ERA.Net Programme for research institutes of SAS; Principles of allocation of funds for the institutes of SAS to support projects in the field of international scientific cooperation
For more information please contact the NCP



SPAIN - Andalusia

Applicants are advised that this annex is for general guidance only. For more detailed rules and regulations please refer to the national/regional call announcement and contact the National/Regional Contact Point.

Funding Party:

Technology Corporation of Andalusia

Funding Programme:

Technology Corporation of Andalusia program

Regional Contact Point:

Technology Corporation of Andalusia (CTA),
Technical department

contact person:	**email:**	**telephone:**
Nathalie Chavrier	Nathalie.chavrier@corporacionteconologica.com	+34 954461352

Eligibility criteria:

Applicant has to be a company located in Spain.

10% of the budget has to be subcontracted to a public Andalusian research and development center.

Duration of the project is 3 years as maximum.

Granted activities are research and development and innovation activities.

Granted activities must have an impact in Andalusia.

National/regional topic priorities:

none

More details in the national/regional call announcement:

http://www.corporaciontecnologica.com/en/sala-de-prensa/noticias/Call-Pre-Announcement-for-transnational-collaborative-research-projects-on-novel-technologies-to-reduce-the-greenhouse-gas-emissions-of-animal-production-systems/



SPAIN - Murcia

Applicants are advised that this annex is for general guidance only. For more detailed rules and regulations please refer to the national/regional call announcement and contact the National/Regional Contact Point.

Funding Party:

Instituto de Fomento de la Región de Murcia (INFO MURCIA)

Funding Programme:

Regulation of the Region of Murcia for Call ICT-AGRI2 2018

Program for Promotion of business R&D within the RIS3Mur Strategy of the Regional Development Agency of Murcia (INFO) under Modality "b"

National/Regional Contact Point:

INFO Murcia

contact person:	**email:**	**telephone:**
Rafael Ataz Gómez	Rafael.Ataz@info.carm.es	+34 968 368034

Eligibility criteria:

Program for Promotion of business R&D within the RIS3Mur Strategy of the Regional Development Agency of Murcia (INFO) under Modality "b"

Purpose

This program was created for companies carrying out eligible activities within the geographical scope of the Region of Murcia and for technology-based projects aimed at significantly improving competitiveness in initiatives relating to industrial research and experimental development. This program is included within the framework of the Research and Innovation Strategies RIS3Mur, which encompasses the following:

- Industrial Research and Experimental Development activities, including the procurement of industrial property rights to develop the project.
- Any R&D project that may include activities classified as industrial research and others as experimental development, provided such activities are clearly differentiated and specify the eligible costs allocated to each of the concepts.

Beneficiaries

Companies based in the Region of Murcia

Subsidy

Modality	**Maximum intensity** **No SME**	**Maximum intensity** **Medium company**	**Maximum intensity** **Small company**
Participation in international R & D projects, if there is no effective collaboration (Modality b)	25%	35%	45%
Participation in international R & D projects, if there is effective collaboration (Modality b)	40%	50%	60%

Maximum subsidized amount: one hundred and fifty thousand euros (€150,000)

In the case of calls combining Modalities a) and b), projects of Modality b) obtaining the minimum partial and total scores will benefit from 20 additional points, provided they do not exceed a total of 100 points.

Companies in the Region of Murcia that participate in ICT-AGRI2 proposals, should submit a specific proposal form to the Research and Development Program of the Regional Development Agency of Murcia (INFO), providing information on the Region's contribution to the project once favorable resolution of EraNet ICT-AGRI2 is received.

Requirements

- Project implementation and associated costs should not have started when the

application is submitted.
- The project should be aimed at enhancing business competitiveness. Project objectives must be related to the company's industrial and commercial objectives.
- Tasks carried out by researchers, technicians and other auxiliary personnel from the lab or R&D department, should take place at the Work Center in the Region of Murcia, with personnel being registered under the trading account for such Center.
- In the case of prototypes to be used for industrial purposes, their implementation or manufacturing costs will not be eligible for subsidy under any circumstances.
- R&D activities regularly carried out by the company and considered an essential part of its production or marketing activities, will not be eligible for subsidy under any circumstances either.

Maximum project duration is 36 months.

Eligible costs

- Direct costs for researchers, technicians and auxiliary personnel who are assigned, partially or fully, to subsidized project implementation, and who also have a labor contract with the beneficiary company formalized by the labor authorities and Social Security contributions under the general scheme of salaried employees. For calculation purposes, the raw salary plus mandatory Social Security contributions to be covered by the company will be considered during the period in which the individual is assigned to the research project.
- The maximum chargeable cost/hour considered is 50 euros.
- Additional wages received by workers or wage components not included within the applicable Labor Agreement, will not be considered eligible for subsidy.
- Costs associated to contractual research, knowledge and patents acquired or obtained through licensing from an external source under conditions of full competence, as well as service and consultancy costs equivalent to those allocated exclusively to research and development activities. The total amount of these costs cannot exceed 60% of all eligible project costs. Amounts exceeding such limit will not be considered eligible.
- Projects including contracts or agreements signed by the requester and an external collaborator prior to the date of application, will not be considered eligible; however, when the subsidy is requested it will be necessary to submit the collaborator's detailed work program signed by the collaborator, as it could be rendered as eligible expenditure during the project evaluation process.
- Indirect costs according to any of the criteria foreseen in article 68.1. of (EU) Regulation Nº 1303/2013, dated December 17, 2013, will be determined in the call and for a maximum of 25% of the remaining eligible costs.

National/regional topic priorities:

Only topics 1.- "Holistic aspects, agro-ecological approach for production systems of whole animals" 2.- "Technical aspects: technical options for monitoring and mitigating GHG emissions of animal production systems", will be funded by the Regional Development Agency of Murcia (INFO).

More details in the national/regional call announcement:

For more information, please check BORM:

https://www.borm.es/borm/vista/busqueda/ver_anuncio_html.jsf?fecha=16082018&numero=5276&origen=sum



SWEDEN

Applicants are advised that this annex is for general guidance only. For more detailed rules and regulations please refer to the national/regional call announcement and contact the National/Regional Contact Point.

Funding Party:

The Swedish Research Council Formas

Funding Programme:

not specified

National/Regional Contact Point:

Formas

contact person:	**email:**	**telephone:**
Mattias Norrby	Mattias.norrby@formas.se	+46 8 775 40 21

Eligibility criteria:

Committed budget and maximum funding per partner

The Swedish Research Council Formas has committed 1 500 000 Euro in total over 3 years to this call.

The maximum funding for a Swedish partner in a consortium is 300 000 Euro in total (100 000 Euro per year). For a Swedish consortium coordinator, the maximum funding is 300 000 Euro in total (100 000 Euro per year).

Consortium structure

Each consortium must consist of Principal Investigators (PIs) from at least 3 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 2 other countries.

Funding decisions

Following evaluation by an international expert panel, the highest-ranked applications will be recommended for funding. Swedish PIs in projects recommended for funding will be invited to submit the same application to Formas (using Prisma). Information about the submission will be provided in the invitation.

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 in June 2019. Decisions about grant awards are not subject to appeal. Projects are expected to start July 2019.

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).

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 and so on
- 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 report to Formas when the project has ended.

National/regional topic priorities:

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

More details in the national/regional call announcement:

not available



TURKEY

Applicants are advised that this annex is for general guidance only. For more detailed rules and regulations please refer to the national/regional call announcement and contact the National/Regional Contact Point.

Funding Party:

Ministry of Agriculture and Forestry (MoAF)

Funding Programme:

Agricultural Research Programme of MoAF

National/Regional Contact Point:

General Directorate of Agricultural Research and Policies (TAGEM),
International Projects Office /Department of Agricultural Economics Research,
Ruminant Research Working Group / Department of Livestock and Aquaculture Research

contact person:	**email:**	**telephone:**
Handan ERKAN SAHİN	handan.erkansahin@tarimorman.gov.tr handanerkan76@gmail.com	+ 90 312 307 6098
Sezer ÖZ	sezer.oz@tarimorman.gov.tr ozsezer06@gmail.com	+ 90 312 307 6146

Eligibility criteria:

'General Directorate of Agricultural Research and Policies (TAGEM) is affiliated to 'Ministry of Agriculture and Forestry' and has 50 research institutes.

Only these 50 research institutes are eligible to benefit from our fund. It is not possible to fund directly projects proposed by the universites from Turkey because of universites are outside the TAGEM system, therefore, consortium must include at least one of the TAGEM's institutes and a component of the research must be carried out at the TAGEM research unit;

Our provisional commitment is 100.000 € for Joint Call. Our organisation prefers to grant maximum 100.000 € per project.

Budget allocations for the successful projects could be realized through the TAGEM Research Institute participating in the winner consortium, from the beginning of the next fiscal year following the signing of the contract.

This amount includes % 20 overhead.

National/regional topic priorities:

none

More details in the national/regional call announcement:

http://www.tarim.gov.tr/TAGEM/Sayfalar/EN/AnaSayfa.aspx



TURKEY

Applicants are advised that this annex is for general guidance only. For more detailed rules and regulations please refer to the national/regional call announcement and contact the National/Regional Contact Point.

Funding Party:

The Scientific and Technological Research Council of Turkey (TUBITAK)

Funding Programme:

1509-International Industrial R&D Projects Grant Programme

National/Regional Contact Point:

contact person:	**email:**	**telephone:**
Taner BAHADIR	taner.bahadir@tubitak.gov.tr	+90 312 298 9454

Eligibility criteria:

- In the project team, there should be at least one employee that has bachelor's degree related to the subject of the project.
- Eligible applicants: SMEs and large companies settled in Turkey.
- Eligible costs: Personnel, travel, equipment/tool/software, R&D services from domestic RTOs, consultancy/other services, material costs.
- Type of research funded: Applied research, experimental development.
- Universities and research institutes are not eligible, but can benefit from the programme as subcontractors.
- Grant rate is 60% for large companies and 75% for SMEs.
- Project application to 1509 Programme is mandatory and should be made in accordance with the call timeline. Deadline for this national application will be announced to the Turkish applicants via TÜBİTAK website.
- The national project cannot start before the ERA-Net ICT-AGRI 2 joint project.

National/regional topic priorities:

None

More details in the national/regional call announcement:

http://www.tubitak.gov.tr/tr



UNITED KINGDOM

Applicants are advised that this annex is for general guidance only. For more detailed rules and regulations please refer to the national/regional call announcement and contact the National/Regional Contact Point.

Funding Party:

Department for Environment, Food & Rural Affairs (Defra)

Funding Programme:

UK Department for Environment Food and Rural Affairs, Agri-Food Chain Directorate: Future Farming Statistics Programme

National/Regional Contact Point:

Department for Environment, Food & Rural Affairs – Defra,
Farming Evidence & Analysis

contact person:	**email:**	**telephone:**
Mark Jacob	mark.jacob@defra.gov.uk	+44 (0)208 225 8899
Luke Spadavecchia	luke.spadavecchia@defra.gov.uk	+44(0)208 026 3587

Eligibility criteria:

Important information:

- Applicants are advised to familiarise themselves with Defra's research activities and procurement requirements including standard terms and conditions for procurement of services.
- Please note that in the case of ERAnet projects intellectual property will vest with the contractor, but Defra will require a license to make use of outputs of UK public

funding for future research purposes.
- UK bidders are free to participate in or lead consortia with EU and participating 3rd party countries as per the main body of the call text. Bidders are encouraged to seek wider linkages with established international partnerships such as the GRA and STAR IDAZ.
- UK participation in this call is unaffected by issues arising from the UK's decision to leave the EU. Funding for UK partners is guaranteed for the lifetime of the projects.

General information:

- The call is open to academic institutes, applied research organisations and Industrial/SME partners.
- UK participants should assume a standard exchange rate of 1.1212 Euros to 1 Pound Sterling when submitting costs.
- The total duration of any project proposed must be at least one year and no more than three years.
- Individual projects can be awarded up to £250,000 over their duration, excluding VAT.

More details

- Bidders must contact the national contact point (NCP) via email to discuss their proposal prior to submission. Bids that do not notify the NCP will be ineligible without exception.
- In addition to the EU proposal, bidders must submit an EVID2 at full proposal stage to Defra setting out the UK specific activities, milestones and costs. Failure to submit an EVID2 at full proposal stage will render a bid ineligible. EVID2 forms will be provided by the NCP.
- Bids must indicate how their activities will feed into international partnerships including:
  - Ongoing ERAnet projects under FACCE ERA-GAS, SusAn, or ICT-AGRI
  - The Global Research Alliance on Agricultural Greenhouse Gasses
  - STAR IDAZ

National/regional topic priorities:

Defra will welcome bids which explore the use of precision technologies to improve the productivity, sustainability and resilience of pasture-based ruminant livestock systems – with a focus on greenhouse gas mitigation. Bids relating to fully housed systems are out of scope for this call. In the context of this call, precision technologies have a broad definition, including but not limited to decision support tools, Earth observation technologies, novel sensors and robotics.

Bids may cover one or more of the following topics

- Livestock breeding including use of genomic or microbiome data to improve

selection
- Livestock nutrition
- Livestock husbandry
- Manure management
- Addressing UK endemic/production diseases
- Agricultural systems research

Please note that renewable energy technologies including anaerobic digestion are out of scope for this call.

More details in the national/regional call announcement:

not available



URUGUAY

Applicants are advised that this annex is for general guidance only. For more detailed rules and regulations please refer to the national/regional call announcement and contact the National/Regional Contact Point.

Funding Party

National Agriculture Research Institute

Instituto Nacional de Investigación Agropecuaria

Funding Programme:

not specified

National/Regional Contact Point:

INIA Uruguay

contact person:

Veronica Musselli	**email:**	**telephone:**

Eligibility criteria:

As leading agricultural R&D organization, INIA's mission is to generate and validate knowledge and technologies to contribute to the sustainable development of the agricultural sector and the country, considering policies, social inclusion and the demands of markets and consumers.

The overall objective of this call contributes towards two of INIA's strategic objectives: 1) sustained growth and environmental sustainability of our animal production systems; and 2) promotion of sound international scientific collaboration. INIA's participation in this call specifically aims at developing cooperative research projects on prioritized areas of research related to reduction of greenhouse gas (GHG) emissions from animal production systems.

Funding Commitment

INIA's direct contribution to the Joint Call will be €100,000, while four research projects ongoing at INIA Uruguay, amounting €600,000 are directly aligned to the topics prioritized in this call.

INIA, as a Funding Party of the 2018 Joint Call on Novel technologies, solutions and

systems to reduce greenhouse gas emissions in animal production systems will only fund proposals coming from INIA researchers on topics stated below.

General rules for INIA participants

- The proposed research projects must be consistent with the scope of this call and INIA´s Strategic Plan 2016-2020
- The call will be restricted to INIA researchers working on the prioritized research areas
- The proposed projects must prioritize collaboration with existing partner organizations
- Pre-existing and Projects Intellectual Property will be subject to a specific IP plan, according to the Call General Procedures and INIA IP rules.

National/regional topic priorities:

Eligible research topics / proposals:

INIA Uruguay will prioritize proposals under the following topics:

- Environmental impact and ecosystem services related to grazing livestock systems
- Animal Genetics and Animal Nutrition (genetic selection of low emitting beef cattle and sheep, rumen microbiome associated with low emissions)
- GHG emissions factors: development / refinement of N2O and CH4 estimation /measurement at field, regional and national scale
- Soil organic carbon sequestration and storage under livestock grazing systems
- Strategies to remove barriers to the adoption of technologies towards GHG emissions reductions

More details in the national/regional call announcement:

For additional information on funding rules and procedure, researchers interested in submitting proposals should contact Veronica Musselli (vmusselli@inia.org.uy), National Contact Point (NCP) for H2020, also appointed to support participants interested in proposal submission under this call.

Annex E: Data management plan

As relevant, applicants must include a maximum one page Data Management Plan. This plan should detail how the project partners will manage the research data generated and/or collected during the project, in particular addressing the following issues:

- What types of data will the project generate/collect?
- What standards will be used?
- How will this data be exploited and/or shared/made accessible for verification and re-use? If data cannot be made available, explain why.
- How will this data be curated and preserved?
- How will the costs for data curation and preservation be covered?

In addition, applicants must include an updated Data Management Plan as a distinct deliverable within the first six months of the project. Additional guidance on data management, including a template for a Data Management Plan, is given in the guidelines on data management in the Horizon 2020 Online Manual, available at:

http://ec.europa.eu/research/participants/docs/h2020-funding-guide/index_en.htm

This deliverable will evolve during the lifetime of the project in order to present the status of the project's reflections on data management.

Annex F : 2018 Joint Call Data Privacy Notice

By submitting an application to the 2018 Joint Call, applicants consent to the use, processing and retention of their data, in line with the above notice and for the purposes of

- processing and evaluating the application where processing shall be lawful only if and to the extent that processing is necessary for the performance of a task carried out in the public interest or in the exercise of official authority vested in the controller;
- administering any subsequent funding award;
- managing the Funding Party's relationship with them;
- analysing and evaluating the 2018 Joint Call;
- reporting to the European Commission/ Research Executive Agency (REA) on the 2018 Joint Call;
- providing aggregate data to national and European surveys and analyses;
- and complying with audits that may be initiated by the Funding Parties and the European Commission (or its agencies).

The members of the FACCE ERA-GAS, ERA-Net SusAn and ICT-AGRI 2 consortia may share an applicant's data with third parties (some of which may be based outside the European Economic Area) in relation to the above activities including evaluators, auditors and the European Commission (or its agencies).

The members of the FACCE ERA-GAS, ERA-Net SusAn and ICT-AGRI 2 consortia may link the data that applicants provide in the application with national, bibliographic or external research funding data which is available through public subscription based databases (e.g. Scopus, Web of Science, etc.) or other national / open datasets. The members of the FACCE ERA-GAS, ERA-Net SusAn and ICT-AGRI 2 consortia may also link the data that applicants provide in their application with future data that applicants provide as part of the ongoing management and reporting on a 2018 Joint Call award which may be awarded to them.

Data on Funding Parties incl. contact details of CSC members and NCP/RCP are kept for the purpose of the 2018 Joint Call Communication. The information will be published with prior consent of the respective management bodies.