Joint Call for Proposals

Deadline for submission of pre-proposals:

Tuesday 03.03.2020, 13:00 h (CET, Berlin time)

Deadline for submission of full-proposals:

Monday 06.07.2020, 13:00 h (CEST, Berlin time)

ERA-NET Cofund ICT-AGRI-FOOD 2019

1st Joint Call

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DISCLAIMER:

Some beneficiaries (TEAGASC, EV-ILVO, FOAG/AGROSCOPE, TUBITAK and Juelich) may exceptionally participate to the co-funded call. For those beneficiaries, mitigation measures have been put in place in the Grant Agreement ICT-AGRI-FOOD (862665) to mitigate the risk of, perception of, or de facto conflict of interest or unequal treatment of applicants.

1. 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 for each Funding Party with no conflict of interest. The Funding Parties EV-ILVO and TEAGASC are not part of the CSC; JUELICH is part of the CSC with the department representing the German funder BMBF (Projektträger Jülich) and TUBITAK and FOAG are part of the CSC with the departments responsible for RDI funding administration.
- A **Funding Party** is providing cash funding to the Joint Call.
- The **International Evaluation Committee (IEC)** is the expert panel that will evaluate the submitted pre-proposals in step 1 and full-proposals in step 2 of this Joint Call.
- Each Funding Party nominates a **National/Regional Contact Point (NCP/RCP)** to provide information on national/regional funding rules and procedures.
- The **Independent External Observer (IEO)** will monitor the evaluation process and the call implementation in compliance with the relevant rules of the EC.

2. Background

The agri-food sector in Europe faces significant challenges and structural changes that are accelerating under the influence of societal demands for sustainable agri-food systems, increasing competitive pressure and adaptation to climate change, changing diets, demographic change, volatile national and global markets, diverging wages and new technologies. In order to face these increasingly complex relationships, the sector is more than ever forced to innovate to adapt. Digital technologies (e.g. remote and local sensing, data analytics, Big Data technologies, Artificial Intelligence, Internet of Things, automation and robotics) offer much potential to address these challenges, but despite this, the uptake of new digital technologies by the actors in the agri-food systems has been slow. Additionally, much of the potential value of the data that is already collected remains untapped because it exists in silos unavailable to those who might use it. Unlocking the value of this data remains a significant challenge due to technological barriers, lack of trust between the different actors (regarding also data security and safety issues), and economic barriers, such as reluctance of stakeholders to invest because of unclear returns and variable ability of the private sector to serve transparency needs. Therefore, ICT-AGRI-FOOD has developed the vision outlined below, which the implementation of the Cofund action will contribute to make a reality.

3. Vision of ICT-AGRI-FOOD

The ERA-NET Cofund ICT-AGRI-FOOD will strengthen the transnational coordination of research programmes and ensure better cooperation and use of resources in the area of digital agri-food research, development and innovation. In ICT-AGRI-FOOD 28 funding organisations from 22 countries and 3 European regions take part. The scope of this co-funded call covers the entire value added chain of the agri-food sector from farm to fork and puts a special focus on the sustainability and transparency of the sector.

The vision for the ERA-NET Cofund ICT-AGRI-FOOD (illustrated in Figure 1) is to bring together actors from across the entire agri-food systems including primary producers (comprising both conventional and organic), advisors, SMEs, food processors, food retailers, consumers and the public sector (e.g. ministries, policy makers and regulatory bodies) with researchers in a multi-actor approach, to enable digital technology solutions for a transition towards sustainable and resilient agri-food systems. These solutions will make use of data from all across the food chain to deliver benefits for the society as a whole and will lead to a more sustainable and transparent food system with empowered stakeholders (e.g. consumers, governmental authorities, industries) who are in the position to take smarter, more sustainable, healthier and more personal food and dietary choices, taking into account data regarding environmental impact, origin, nutrition, safety and integrity.

Potentially the improved use of data can result in transformed agri-food systems characterised by a much better management of the environmental impact of the sector, including greater efficiency, reducing inputs, emissions, waste and losses throughout the food system. Such an

integrated systems perspective will facilitate the development of entirely new business models, whereby actors in the system other than primary producers may be willing to bear (some of) the cost of new technology in exchange for the downstream benefits of its adoption. Ultimately, this will help to remove barriers to adoption of digital technologies and will lead to increased food security and resilience, reduced competition for resources, improved competitiveness of the sector and a balanced strengthening of all pillars of sustainability (economic, environmental, social and governmental). The digital technologies will build on the standardisation efforts and platform developments from existing projects and will integrate with existing major digital platforms from food actors, ICT solution providers and consumers.
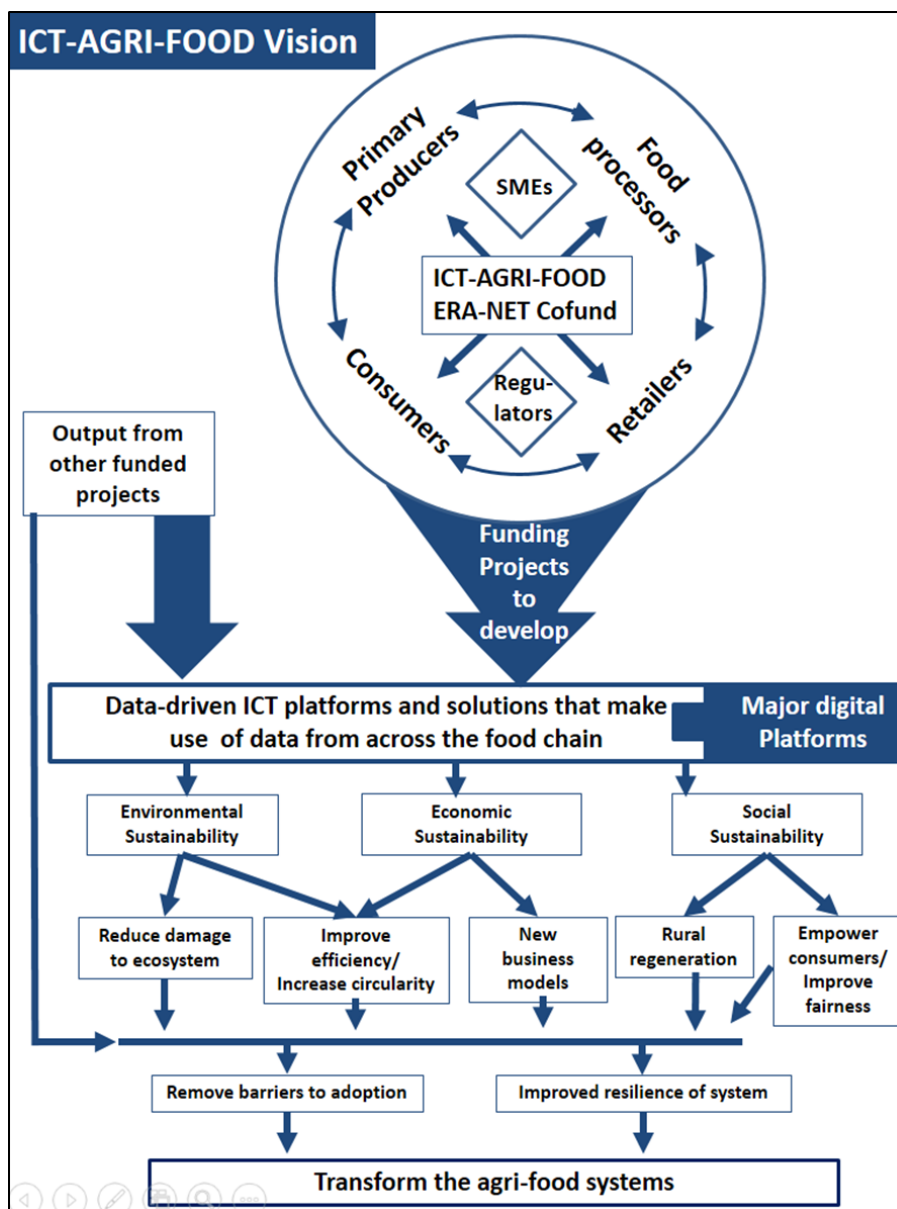

Figure 1: Vision for ICT-AGRI-FOOD ERA-NET Cofund.

4. Scope of the ICT-AGRI-FOOD 2019 Joint Call

This call aims to support research projects with potential impact to enable digital technology solutions for a transition towards more sustainable and resilient agri-food systems. The proposed research projects shall be consistent with the scope of this call and with the national/organisational thematic priorities of the countries/regions involved in the projects.

Research projects should investigate, develop and test digital solutions for the rising demand for food, competition for land and other natural resources from other biomass uses, globalisation, and threats from animal or plant diseases, environmental and climatic changes, public health considerations and economic constraints. Tackling these challenges will require a coordinated transnational approach, which uses the available financial, intellectual and structural resources to maximum effect.

In coherence with the vision, the call targets the development of data-driven ICT platforms and digital solutions for a transition towards sustainable and resilient agri-food systems, and towards sustainable and healthy diets, making use of data from all across the food chain to deliver benefits for the society as a whole. These solutions will make use of both input and output data regarding environmental and economic impact, origin, nutrition, safety and integrity of food; external factors (environmental conditions, processing/storage conditions, available side streams, consumer attitudes etc.) from all across the food chain, including – where appropriate – the related research and public infrastructures, and will lead to more sustainable and transparent food systems, with empowered stakeholders who take smarter, healthier, fair and eco-friendly decisions in their activities in agri-food systems and empowered consumers who take more personal food and dietary choices. The development and integration of new digital technologies for precision agriculture/smart farming, logistics, food processing, supply chain management, traceability and business transaction should favour transparency and traceability for all stakeholders, from farmers all the way down to consumers and also politicians and decision makers.

Relevant effects along the value added chain should be considered, combining impacts on two or more phases including: primary production, manufacturing and processing, food packaging, distribution, consumers' behaviour and attitude, household as well as catering consumption and questions regarding wastes and losses. Projects, which develop solutions for sustainable agri-food systems, including the organic sector, are welcome.

5. Thematic area

The scientific scope of the call addresses collaborative projects in the two research topics described below:

TOPIC 1 - Data-driven ICT platforms and solutions to improve the sustainability of agri-food Systems

This topic relates to the development and/or application of data-driven ICT platforms and solutions that derive value for multiple actors[1] from the data collected throughout the agri-food chain (including e.g. research infrastructure, administrative authorities and policy makers), considering the following aspects:

- Possible technologies that should be developed for use in the agri-food system which may include for example the Internet of Things, Artificial Intelligence, Big Data technologies, Remote and Local Sensing, Distributed Ledger Technologies/Block chain technologies, Distributed Databases.
- Projects may foresee new approaches to data management and storage reduction, data compression, data redundancy and data presentation.
- Data regarding sustainability, environmental impact, origin, nutrition, safety, integrity, underpinned by the concept of transparency and existing certification systems should be used in order to empower stakeholders (e.g. farmers, advisors, processors, consumers, policy makers and public authorities) to make smarter, more sustainable, healthier and more personal choices.
- The optimisation of resource efficiency through by-/co-products across the value chain, such as wastes, losses and residues management is a relevant issue. Projects could focus on how ICT can be applied to valorise by-/co-products, facilitating the use of more integrated approaches across value chains and operations.
- Integration of results and data of already funded and successfully concluded projects in this area are also favoured.

TOPIC 2 – Identify and address barriers for adoption of ICT technologies in the agri- food systems

This topic relates to identify and address institutional, economic and social barriers on the application of ICT technologies for achieving sustainability of the agri-food systems. The following aspects need to be included:

- Integrating social science research to understand social and cultural practices within e.g. farming, food processing, distribution and consumer behaviour aimed to identify mechanisms and models for enhanced adoption of technological solutions and data sharing within agri-food systems.
- Understanding how digitalisation affects structures and behaviour of actors: identifying successful value chains and business models, looking at governance, leadership and organisations within new innovation arenas (e.g. from start-ups to large companies) of digitalised agri-food systems.

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[1] Added value should be risen/gained in favour of at least one additional actor in the food chain, apart from the actor that generated the data

- Identifying solutions to develop more user-friendly technologies and services, such as ethical nudging tools (for e.g. direct marketing and shopping experience), information tools (e.g. social media, apps), gamification approaches, co-design etc.
- Stepping further from barriers identification towards concept solutions, including for example standard development (if applicable).

6. Research approach and cross cutting issues

The transition towards sustainable and resilient agri-food systems will need close consideration of the following broad cross-cutting issues for all funded research projects:

- **Multi-actor approach**, involving different actors and stakeholders (such as farmers, food processors, retailers, logistics, advisors, consumers, industry, civil society organisations and policy makers) in research projects from the outset by means of participation as well as transparent communication.
- **Inter-/transdisciplinary approach**, taking into account different viewpoints and involving disciplines beyond your existing network. Social, agronomic, economic, environmental and data scientists from universities, public/private academic research institutions, industry and other stakeholder partners could be included in the consortium.
- **Integrated and holistic systems approach**, considering interconnections, possible synergies or trade-offs between different aspects or actors that directly or indirectly affect your field of research on a system level e.g. economic, environmental, social, legislative, geographical, behavioural, business environment.

The above cross-cutting issues should be taken into account across all topics and individually adapted to each project.

In addition, some specific cross-cutting issues have been identified to enable digital technology solutions to the transition towards sustainable food systems:

- **Data stewardship:** is a top priority in research and innovation. Projects shall address the issues related to cybersecurity and protection of personal data and rights (ownership, accessibility, data sovereignty), including applicability of FAIR (https://www.nature.com/articles/sdata201618) and Open Access principles within the agri-food systems.
- **Data standards**: Data share across the food chain requires agreed common standards. The availability and accessibility of open data is largely dependent on appropriate standards to be followed both to describe data sets and to annotate data. The possibility to share data across the food chain is often hampered by lack of agreed data standards. Projects should address this issue identifying the potential and risks for widely accepted standards.

The inclusion of the mentioned cross-cutting issues is intended to increase the value and impact of projects.

In addition, projects are invited to follow the recommendations below:

- Research consortia are encouraged to consider the mentioned cross-cutting issues as well as good geographical coverage in order to strengthen the impact of a project proposal for its transnational added value.

- Technology-orientated project proposals should stay within the Technology Readiness Level (TRL) range of 2 to 8 (Applied research and development, implementation, demonstration of innovation). Beware for deviating TRL-ranges throughout the National Regulations.

- Projects are highly recommended to take advantage of, integrate with and complement the standardisation efforts and platform developments in other public funded projects such as:

    - H2020 funded projects, ESIF (https://ec.europa.eu/info/funding-tenders/funding-opportunities/funding-programmes/overview-funding-programmes/european-structural-and-investment-funds) and regionally/nationally funded projects.

    - Thematic Smart Specialisation Platform on Agri-food (TSSP-AF, https://s3platform.jrc.ec.europa.eu/agri-food) and related interregional partnerships under the Research and Innovation Strategies for Smart Specialisation (RIS3)

    - The European Open Science Cloud-initiative (https://ec.europa.eu/research/openscience/index.cfm?pg=open-science-cloud) and related H2020 projects, including FNS Cloud (https://cordis.europa.eu/project/id/863059 ; https://www.eoscsecretariat.eu/fns-cloud).

7. Application and selection procedures

7.1 Timeline

The Joint Call follows a two steps submission and evaluation procedure (step 1: pre-proposals; step 2: full-proposals) following the timeline in table 1.

Table 1: Timeline for the ICT-AGRI-FOOD 2019 joint Call

Pre-announcement	15.10.2019
Launch of the co-funded call	18.12.2019
Step 1, pre-proposal stage	
Deadline submission of pre-proposals	03.03.2020 (13:00 CET)
Eligibility check until	24.03.2020
Expert evaluation from-until	25.03.2020-05.05.2020
Step 1, Selection	19.05.2020
Feedback to the applicants	22.05.2020
Step 2, full-proposal stage	
Deadline submission of full-proposals	06.07.2020 (13:00 CEST)
Eligibility check until	10.07.2020
Expert evaluation from-until	13.07.2020-02.09.2020
Step 2, Selection	Mid of September 2020
Feedback to the applicants	29.09.2020
Contract negotiations	01.10.2020
Project start	Between December 2020 and February 2021

7.2 Call Secretariat

For general questions, please contact the Call Secretariat via the email address:

ICT-AGRI-FOOD-2019@ble.de

The Call Secretariat will be formed by:

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Questions that are sent via email between Christmas 2019 and the 6th of January 2020 to the National Contact Points will be received and then answered after the 6th of January 2020.

7.3 Funding Parties and procedures

The ICT-AGRI-FOOD 2019 Joint Call consists of 28 national and regional public Funding Parties from 22 countries and 3 European regions. A total amount of more than 17.5 Mio Euros has been provisionally reserved by the participating Funding Parties of the Call including the top-up funding by European Commission. The funds will be provided directly by the respective national/regional Funding Parties to successful national/regional applicants.

Indicative budgets for each Funding Party are given in table 2 below. Applicants are strongly recommended to verify national/regional contact priorities by consulting the National Regulations (Annex E) and contacting their National Contact Point (NCP, Annex C). Eligibility of project costs is subject to national/regional rules.

Table 2: Indicative call budget (National/regional contributions) including EU Co-Funding.

COUNTRY	FUNDER	FUNDER NAME	AMOUNT	TOPIC 1	TOPIC 2
Austria	BMNT	Federal Ministry for Sustainability and Tourism	200,000.00	X	X
Belgium	EV-ILVO	Eigen Vermogen van het Instituut voor Landbouw en Visserijonderzoek	180,000.00	X	X
Belgium	Hermesfonds/VLAIO	Fonds voor Flankerend Economisch en Innovatiebeleid/Agentschap Innoveren en Ondernemen	1,500,000.00	X	X
Belgium	FWO	Research Foundation Flanders	700,000.00	X	X
Bulgaria	BNSF	Bulgarian National Science Fund	230,000.00	X	X

Denmark	DAFA	Ministry of Environment and Food, Danish AgriFish Agency	1,000,000.00	X	X
Estonia	MEM	Ministry of Rural Affairs	100,000.00	X	X
Estonia	ETAG	Estonian Research Council	100,000.00	X	X
Finland	MMM	Ministry of Agriculture and Forestry	300,000.00	X	X
France	ANR	The French National Research Agency	800,000.00	X	X
France	REGION BRETAGNE	The regional council of Brittany	500,000.00	X	X
Germany	BMEL	Bundesministerium für Ernährung und Landwirtschaft	1,000,000.00	X	X
Germany	BMBF	Bundesministerium für Bildung und Forschung	2,000,000.00	X	no
Greece	GSRT	General Secretariat for Research and Technology	1,000,000.00*	X	X
Hungary	NKFIH	National Research, Development and Innovation Office	200,000.00	X	X
Ireland	TEAGASC	TEAGASC - Agriculture and Food Development Authority	176,000.00	X	X
Ireland	DAFM	Department of Agriculture Food and the Marine	350,000.00	X	X
Israel	InnovationAuth	National Technological Innovation Authority	750,000.00	X	X
Italy	MIPAAF	Ministry of Agriculture Food and Forestry Policies	300,000.00	X	X
Latvia	VIAA	State Education and Development Agency	400,000.00	X	X
Norway	RCN	The Research Council of Norway	1,000,000.00	X	X
Poland	NCBR	National Centre for Research and Development	600,000.00	X	X
Romania	UEFISCDI	Executive Agency for Higher Education, Research, Development and Innovation Funding	500,000.00	X	X

Spain	CTA	Corporación Tecnológica de Andalucía	500,000.00	X	X
Sweden	Formas	The Swedish Research Council for Environment, Agricultural Sciences and Spatial Planning	875,000.00	X	X
Switzerland	FOAG	Federal Office for Agriculture (FOAG)- Bundesamt für Landwirtschaft	545,450.00	X	X
Turkey	TUBITAK	The Scientific and Technological Research Council of Turkey	750,000.00	X	X
The Netherlands	LNV	Ministry of Agriculture, Nature and Food Quality (LNV)	1,000,000.00	X	X
	Total		**€ 17,556,450.00**		

*not eligible for top-up funding and therefore this amount is solely the national contribution

7.4 Finding consortium partners with the Matching Tool and the Brokerage Online Event

A main purpose of the ICT-AGRI-FOOD website (https://www.ictagrifood.eu) is to facilitate match making and partnering amongst people engaged in ICT and robotics in agri-food systems. Therefore, ICT-AGRI-FOOD's webpage provides a **Matching Tool**.

Furthermore, there will be a **Brokerage Online Event** on 15th of January 2020 that allows applicants to find research partners for their consortia. Please browse to ICT-AGRI-FOOD's website to find details on the event and to register.

Moreover, it is possible for the applicant to decide to show pre-proposals to the public via the Online Submission Tool, in order to find interested consortium partners. It is possible to activate and deactivate the visibility of a pre-proposal to the public on the **Online Submission Tool** whenever required by the applicant.

7.5 Specific Call Eligibility Criteria and check

Funders (beneficiaries) can in principle not apply to the cofounded call. The following beneficiaries may exceptionally participate to the cofounded call: TEAGASC, EV-ILVO, JUELICH/PTJ, TUBITAK, FOAG/AGROSCOPE. For those entities, measures to mitigate the risk of, perception of, or de facto conflict of interest (CoI) or unequal treatment of applicants are established.

The 2019 call is open to proposals that meet the following Specific Call Eligibility Criteria:

- The pre-proposals and full-proposals must indicate to which of the two topics they relate to.
- The application must be written in English.
- Pre-proposals and Full proposals must be submitted before the submission deadlines via the submission website using the Online Submission Tool.
- Eligible consortia will consist of a minimum of 3 independent entities from 3 different EU Member States or Associated Countries, seeking funding from a minimum of 3 different Funding Parties of 3 different countries participating in the Joint Call; Consortia with more than 8 partners should justify the necessity and manageability of the project.
- Each applying consortium must be led by a project coordinator, who must be from an organisation that is eligible for funding from one of the funding parties in the call.
- Minimum project duration is two years (24 months) and maximum three years (36 months).
- Limit of funding is maximum 500,000 Euro per country, while some funders specify a maximum funding limit per country that is lower. Therefore, the National/Regional Regulations (Annex E) and Annex D have to be respected.
  Exception for Flanders: Should within a same project different Flemish actors apply for funding from different Flemish funders, the maximum funding for Flanders is 850,000 Euro.
- The application must pass the "H2020 ETHICS REVIEW PROCEDURE" (details can be found under https://ec.europa.eu/research/participants/docs/h2020-funding-guide/cross-cutting-issues/ethics_en.htm). Ethical issues will be checked by experts of ICT-AGRI-FOOD's Ethics Advisory Board during full-proposal stage.
- Applicants not eligible for funding are welcome to participate in the projects at their own expense. Those applicants cannot coordinate a project, their contribution to the project should not be essential for the project's successful implementation (e.g. Work Package Lead) and they cannot count to achieve the minimum number of project consortium partners. Such applicants will have to secure their own resources and provide written confirmation thereof (by providing a Letter of Financial Commitment Annex G). Applicants interested in collaborating with countries outside of the Funding Parties can contact the International Bioeconomy Forum (IBF@mbie.govt.nz) to facilitate engagement with member countries of this forum such as New Zealand, Canada and the USA.

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 E). The participating Funding Parties may require additional documents according to their national/regional regulations. If national or regional forms are required, these must be submitted according to the national or regional requirements and by the deadlines stated in the national or regional funding 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 Contact Point (NCT/RCP) of the funder party to which the funding request is addressed to (Annex C). Please refer to Annex E to ensure eligibility; in fact in one same country different

Funding Parties participate in the call with different organisational rules. After the closing dates (3rd of March 2020 for pre-proposals and 6th of July 2020 for full-proposals), the Call Secretariat will carry out a general call eligibility check of the proposals with respect to the criteria listed in the section 7.5 (Specific Call Eligibility Criteria). **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 proposals complying with both the criteria (Specific Call Eligibility Criteria and national/regional eligibility criteria) will be under evaluation procedure. For applicants that may exceptionally apply to the call (TEAGASC, EV-ILVO, JUELICH/PTJ, TUBITAK, FOAG/AGROSCOPE), national/regional eligibility checks will be performed duly following H2020 rules and in line with the mitigation measures as stated in the Grant Agreement of ICT-AGRI-FOOD for beneficiaries exceptionally applying to the co-funded call, thereby preventing any potential conflict of interest and ensuring equal treatment of all applicants.

7.6 Proposal Submission

The Joint Call follows a two-stage submission procedure (step 1 pre-proposal and step 2 full-proposal).
The submission deadline for pre-proposals is **March 03, 2020 (13:00 CET, Berlin time).**

The pre-proposal template is as shown in annex A and should be submitted using the Online Submission Tool, as described below in this paragraph.

The submission deadline for full-proposals is **July 6, 2020 (13:00 CEST, Berlin time).**

After step 1, pre-proposal evaluation, the consortia that will be invited to present full-proposals (step 2) will submit the full-proposal application using the Online Submission Tool.

The full-proposal consists of two parts:
Part A: sections of the **Online Submission Tool** that are filled online by the project coordinator. Part A contains the factsheet of the consortium.

Part B: Full-proposal Template to be uploaded as a pdf file using the Online Submission Tool. The full-proposal template is available for download from the ICT-AGRI-FOOD Online Submission Tool.

Only research consortia that have successfully passed the first step will be invited to submit a full-proposal. Together with the invitation letter, access to the Online Submission Tool and a guideline for submission of full-proposals will be provided. The core information provided in the pre-proposal will automatically be imported into the full-proposal.

Both pre-proposals (step 1) and full-proposals (step 2) must be complete and submitted via the Online Submission Tool where relevant documents will be available for download. For details, please see the *Guidelines for applicants and online submission*. No other application format will be accepted.

It will be possible to update and resubmit the application as many times as required until the submission deadline, 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.**

8. Evaluation procedure

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

- Provides the evaluation of proposals, on the basis the Evaluation Criteria (see 8.1 and 8.3)
- Provides a written summary to explain the decisions to the CSC. The summary will be provided to the applicants by the Call Secretariat.
- Recommends proposals as described below.

Each IEC member will be independent of any funding organisation and applicant involved in this Joint Call. The ICT-AGRI-FOOD Call Secretariat will ensure that no COI (Conflict of Interest) exists concerning the experts and the proposals evaluated. For this purpose, the Call Secretariat will check absence of COI of each member of the IEC and each member of the IEC will be requested 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 the expert declares a Conflict of Interest.

During the entire procedure, strict confidentiality will be ensured with respect to the identities of applicants and the contents of the proposals. The proposals will only be read by the CSC members and by the IEC members involved, and be handled by the ICT-AGRI-FOOD Call Secretariat. All persons in charge will have signed a confidentiality agreement before they get access to the proposals.

Eligible pre- and full-proposals will be evaluated online by a minimum of three international experts per pre- and full-proposal.

An Independent External Observer (IEO) will follow the evaluation procedure.

8.1 Evaluation criteria and score for pre-proposals

Pre-proposals that are submitted correctly and passed the eligibility check will undergo peer-review evaluation by at least three independent experts from the IEC and will be ranked according to the following evaluation criteria:

1. Relevance
- Objectives and main hypothesis
- Research approach and methodology
- Relevance to the call scope/topic/cross-cutting issue
- Soundness of the concept with scientific and technological overview

2. Quality
- Quality of the work plan (including provisional project structure, work packages and collaboration among partners)
- Potential risks for implementation
- Preliminary Data Management Plan
- Coverage and consideration of the cross-cutting issue

3. Potential Impact
- Describe the extent to which the outputs of the project will be relevant for, or contribute to, impacts on:
    - Economic aspects
    - Environmental aspects
    - Societal aspects.
- Describe planned dissemination and communication activities and exploitation of results

The above mentioned aspects need to evidence the added value of transnational cooperation and geographical coverage for the best impact.

For pre-proposals, evaluation scores will be awarded for each of the three main criteria by the international experts. Sub-criteria are aspects that the expert will consider in the assessment of that criterion. Each criterion will be scored out of 5 (half scores allowed) and equally weighted.

The 0-5 scoring system for each criterion indicates the following assessment:

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

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

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

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

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

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

The scores of the three evaluators will be averaged for each criterion and agreed on by the three experts involved.

A threshold of 3/5 will be applied for each criterion, i.e. pre-proposals with a mean score < 3 in any main criterion will not be invited to step 2, submission of full-proposals. The sum of the three agreed scores for each criterion will equal the final score for each pre-proposal. All pre-proposals will be ranked according to the final scores.

The evaluation by the International Evaluation Committee (IEC) will result in a ranking list.

The experts will provide a written evaluation report on strengths and weaknesses of each eligible pre-proposal. The evaluation reports will be communicated to the applicants as part of the notification letter.

8.2 Pre-proposal selection

Based on the ranking list provided by the members of the IEC the ICT-AGRI-FOOD Call Steering Committee (CSC) will select projects that will be invited to present a full-proposal.

The criteria for selection are:
- Evaluation ranking and recommendations of the IEC expert panel,
- National funding availability: each funding body should not oversubscribe the available national budget by more than three times,
- Geographical balance in case of projects with the same score, meaning that countries that do not have a selected proposal yet will be preferred.

In some instances, the CSC members might formulate conditions for project consortia (mandatory) or recommendations (optional) based on expert evaluation and CSC discussion to improve certain aspects of the proposal application. The number of selected proposals will depend on the available budget of the involved funding organisations. Selected proposals will be invited to submit a full-proposal.

The coordinators of the research consortia will be informed about the evaluation results, and whether they are invited for full-proposal submission. Evaluation summaries will be provided. The coordinators of the research consortia are responsible for forwarding all information to their research consortium partners. All candidates have a right to a redress procedure (see details for redress right in chapter 8.4).

8.3 Evaluation criteria and score for full-proposals

Full-proposals that are submitted correctly and passed the eligibility check (see 7.5), will undergo peer-review evaluation by the minimum 3 experts of the IEC with relevant expertise in the scientific field(s) concerned.

The IEC will evaluate the full-proposals in accordance with the scope, cross-cutting issues and topics description reported above, and using the three equally-weighted **Evaluation Criteria for full-proposals** (including the sub-criteria) below:

- **Excellence**

    - Clarity and pertinence of the objectives;

    - Soundness of the concept;

    - Credibility of the proposed methodology;

    - Quality and expertise of the consortium as a whole;

    - Degree of novelty and innovation of the proposed approach and 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);

    - Appropriate application of systems thinking, interdisciplinary approaches and, where relevant, use of stakeholder knowledge/involvement and gender dimension in research and innovation content;

- **Impact**

Extent to which the outputs of the project will be relevant for, or contribute to, impacts on:

    ▪ Economic aspects

    ▪ Environmental aspects

    ▪ Transnational added value and geographical coverage

    ▪ Knowledge generation

- **Quality and efficiency of the Implementation**

    - 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;

    - This work plan must include a work package on "Dissemination, Exploitation and Communication of research results"

    - 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;

    - Appropriateness of the allocation of tasks, ensuring that all participants have a

valid role and adequate resources in the project to fulfil that role;

- The project budget is appropriate to the planned work and allows the achievement of the project goals;

- Research team organisation is in line with the research approach defined in the call (multi-actor, inter-/transdisciplinary, integrated and holistic system approach).

For full-proposal evaluation, scores will be awarded for each of the three main criteria. Sub-criteria are aspects that the expert will consider in the assessment of that criterion. Each criterion will be scored out of 5 (only full scores allowed) and equally weighted.

The scores of the three evaluators will be averaged for each criterion and agreed on by the three expert evaluators involved. The sum of the three agreed scores will equal the final score for each full-proposal. Two thresholds will be applied with respect to the scores: A threshold of 3/5 will be applied for each criterion, i.e. full-proposals with a mean score < 3 in any main criterion will not be recommended for funding. A threshold of 10 will be applied with respect to the total score, i.e. proposals with a total score under 10 will not be proposed for funding. All full-proposals will be ranked according to the final scores.

The evaluation by the International Evaluation Committee (IEC) will result in a single ranking list. The single list contains both proposals of topic 1 and topic 2 on each rank class of proposals that have the same score. The next (lower) rank class will then contain proposals with the next lower score.

8.4 Redress right

All applicants have a right to a redress procedure if they feel that their proposal or participation was unlawfully (including unequal treatment) rejected for inadmissibility/ineligibility or the evaluation of their proposal was not carried out properly (including unequal treatments). Applicant may submit a request in writing, up to 30 days after receiving the eligibility/evaluation result at the end of each stage (first or second stage). A template will be provided on the website. The redress requests must be addressed to ICT-AGRI-FOOD-2019@ble.de . Requests must be related to the evaluation process, admissibility or eligibility checks (including cases of unequal treatments of applicants) as described in this document.

The independent observer will examine requests for redress. This procedure is concerned with the evaluation and/or eligibility checking process. The independent observer will not call into question the scientific or technical judgement of appropriately qualified experts.

Applications which were originally considered ineligible, but which the independent observer found to be eligible will enter the evaluation process.

If an application was evaluated and found not to be fundable, but the independent observer upholds the redress request, a re-evaluation will only be carried out if the shortcoming in the

evaluation process affects the final decision on whether to fund it or not. This means, for example, that in cases not affected by unequal treatment, a problem relating to one evaluation criterion will not lead to a re-evaluation if a proposal has failed anyway on the other criteria. The evaluation score following any re-evaluation will be regarded as definitive. It may be lower than the original score.

Only one request for redress per proposal will be considered by the independent observer. All requests for redress will be treated in confidence and will not prejudice future applications to the ERA-NET.

9. Funding Selection

Based on the ranking list provided by the IEC, the available funding at national/regional level and the outcome of the ethical assessment, the ICT-AGRI-FOOD CSC will select projects for funding.

The Call Secretariat will inform the coordinators of the research consortia about the evaluation results, and whether they are selected for funding. Evaluation summaries will be provided. The coordinators of the research consortia are responsible for forwarding all information to their research consortium partners.

The entire evaluation procedure of the ICT-AGRI-FOOD 2019 Joint Call will be followed by an Independent External Observer (IEO). The observer will have electronic access to the evaluator area of the Online Submission Tool and will attend the physical IEC meetings. At the end of the evaluation procedure, the IEO will inform the European Commission about the evaluation procedure in form of an Observer's report on the evaluation procedure of the Call.

Upon the final decision by the CSC, a list of funded projects will be published on the ICT-AGRI-FOOD website (https://www.ictagrifood.eu). With the submission of the proposal all project partners agree that the following information can be published:

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

10. Confidentiality, Conflict of Interest and General Data Protection Regulation issues

The proposals will be handed with confidentiality by the Call Office, by the national/regional funding parties and the IEC experts responsible for the peer review evaluation of proposals.

Each expert will have to sign a Declaration of Conflict of Interest, confidentiality Disclosure Agreement and Code of Conduct Agreement. The online evaluation tool will include a feature which will prevent access to the respective proposal in case a Conflict of Interest is declared by the expert or by the call office.

All personal data offered for project applications, reviewers and expert assessments, mailing lists, tracking websites, registration for activities and events will be collected, stored and processed in accordance with the General Data Protection Regulation (GPR) (Regulation EU 2016/679). A data protection officer (DPO) is appointed to ensure compliance GDPR rules. The joint co-funded call Data Privacy Notice (see Annex F) applies.

11. Obligations for funded projects

11.1 Funding process

Once the notification letter from the Call Secretariat with positive result has been received, the project partners will be contacted by the Funding Parties or will need to contact the Funding Parties of their respective countries themselves according to national/regional regulations in order to start the grant negotiation and accomplish the remaining steps until the research project can start.

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.

For some Funding Parties, a signed Consortium Agreement might be required for release of the national/regional funds. It is strongly recommended that all successful consortia should therefore negotiate and sign a Consortium Agreement before the start of the project. 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 (http://www.desca-2020.eu): the form was developed for H2020 projects and will have to be adjusted to this Joint Call.

11.2 Start date of projects

A project can start when all national/regional contracts have been concluded, exceptions from this rule must be agreed by the respective funders and the Call Secretariat. The contracting

negotiation should be started directly after notification and the contracting must at the latest take place between December 2020 and February 2021. Once the national contracts come into force, eligible national costs may be claimed according to the national procedures. Projects should start when the contracting process has ended.

11.3 Project monitoring and reporting

Two meetings 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 meetings 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 and within two months after the end of the project 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 ICT-AGRI-FOOD 2019 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 after notification.

11.4 Dissemination and communication

Data on each project partner and abstracts of the project proposals will be provided to the European Commission for possible publication and evaluation purposes as indicated in chapter 9. Information on each funded project, including data on each applicant and overview on the results will be updated and send to the European Commission for reporting purposes.

Applicants to the ICT-AGRI-FOOD 2019 Joint Call have to allocate sufficient resources in their budget for dissemination of their project goals, planning and results. Funded projects are obliged to:

-   Contribute with project presentations and/or posters to at least two meetings organised by the ICT-AGRI-FOOD 2019 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 and communication 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 ICT-AGRI-FOOD 2019 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 and communication activities, proper reference must be given to the ICT-AGRI-FOOD 2019 Joint Call in all related publications, exhibitions, lectures and press information.

11.5 Data Management Plan

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 B 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.

11.6 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.

- Funding agencies get a better return of investment due to increased impact of funded research.

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[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

- 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 followed 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 ICT-AGRI-FOOD 2019 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 ICT-AGRI-FOOD 2019 Joint Call as deliverables in their project reports.

2. Similar actions as mentioned in 1 to provide OA 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 must maintain sufficient rights in negotiations with publishers to allow immediate 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 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 E) 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 ICT-AGRI-FOOD 2019 Joint Call and identify the funding in the following manner: "This

research was made possible by funding from the ICT-AGRI-FOOD 2019 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 ICT-AGRI-FOOD 2019 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.

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

11.7 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.

11.8 Ethics Assessment

An Ethics assessment is required for submitted full-proposals by ICT-AGRI-FOOD's Ethics Advisory Board. Work involving the use of animals or humans should be carried out under the appropriate authorisation taking into account the European Union and national ethical requirements. Any proposal, which seems to contravene fundamental ethical principles, shall not be selected, and may be excluded from the evaluation and selection procedure. Judgement of the significance of ethical issues will be made by using the criteria published by the European Commission in its guidelines for the Horizon 2020 Framework Programme.

These guidelines address, in more detail, the following ethical issues: human embryos & foetuses, human beings, human cells or tissues, personal data, animals, non-EU countries, environment, health & safety, dual use, exclusive focus on civil applications. To prove absence of potential misuse of research results, other ethics issues above listed, the applicant is required to complete the ethics self-assessment and provide a support documentation referred to in the ethics issues checklist. Please consult [Horizon 2020 Programme Guidance How to complete your ethics self-assessment.](#)

Applicants can also consult on the European Commission website the [Guidance Note – Ethics and Food-Related Research](#) on core issues of ethical concern in the field of food-related research including appendix that addresses broader concerns in the field of food ethics.

In case activities undertaken in non-EU countries raise ethics issues, the applicants must ensure that the research conducted outside the EU is legal in at least one EU Member State.

Annex A: Template for pre-proposal

Template for Pre-Proposals

Call for transnational, collaborative, inter-/transdisciplinary research projects on ICT-enabled agri-food systems

(Max 5 pages, 18,000 characters)

Project information

Proposal title:

Proposal acronym:

Proposal ID (see online application):

Consortium as a whole - Partner information
(information about coordinator and every partner, to be filled in by each partner)
- Personal information (Titles, names, addresses, etc.)
- Information about organisations (Name, status, address, research group, etc.)
- References (up to 5 per country) relevant to the proposal including links to the articles or abstracts
- Short description (max. 1000 characters including space characters) about current position of each partner and his/her collaborators in the project, fields of expertise and other relevant experience. Description of ongoing projects related to the present topic indicating project name, funding source and amount, and potential overlap or link with the current proposal (if any)
- Short description (max. 1500 characters including space characters) about task(s) of the partner and role in the project

Project budget in k€
(filled in by coordinator for each partner)
- Personnel, travel, consumables/equipment, subcontracts, other costs (requested funding and own contribution for each budget item)
- Short narrative explanation for each budget item

Description of Work for Pre-Proposals
(Max 5 pages, 18,000 characters)

1. Relevance

a. Objectives
(Provide project objectives and main hypothesis)

b. Methodology
(Describe the research approach and methodology)

c. Relation to the scope
(Describe the relevance to the Call scope/topic/cross-cutting issue and soundness of the concept with scientific and technological overview)

2. Quality

a. Work Plan
(Brief description including provisional project structure, work packages and collaboration among partners)

b. Implementation
(Elaborate on Potential risks for Implementation)

c. Data Management Plan

d. Coverage and consideration of the cross-cutting issues

3. Impact

a. Outputs
(Describe the extent to which the outputs of the project will be relevant for, or contribute to, impacts on):

- o   Economic aspects

- o   Environmental aspects

- o   Societal aspects

b. Added value of transnational cooperation and geographical coverage

c. Describe planned dissemination and communication activities and exploitation of results

4. Ethical Aspects

Any aspects of the proposal that could possibly raise societal concerns or ethical issues, such as Ethical, Legal and Social Aspects (ELSA). Full implementation of the 3R (reduction, replacement, refinement) principles in any research project using animals is required.

Annex B: 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 C: National Contact Points

Questions that are sent via email between Christmas and the 6th of January 2020 to the National Contact Points will be received and then answered after the 6th of January 2020.

Country		National/Regional Contact Point	Name	E-mail	telephone
Austria		BMNT	Johann Doppelbauer Angelika Steger	Johann.doppelbauer@bmnt.gv.at angelika.steger@bmnt.gv.at	+43171100/606658 +43171100/606966
Belgium – Flanders		Flanders Innovation and Enterpreneurship (VLAIO)	Anne De Brabandere Bert Beck	anne.debrabandere@vlaio.be bert.beck@vlaio.be	+32 2 432 42 37 +32 2 432 43 07
Belgium - Flanders		FWO	Alain Deleener Toon Monbaliu	eranet@fwo.be	+32 2 550 15 95 +32 2 550 15 70
Bulgaria		BNSF	Milena Aleksandrova	aleksandrova@mon.bg	+359 884 171 363
Denmark		Ministry of Environment and Food Danish Agricultural Agency (DAA)	Julia Gajo Karen M. Mortensen	JULGAJ@lbst.dk KARMO@mst.dk	+45 51531541 +45 2246 5282
Estonia		Ministry of Rural Affairs (MEM)	Siret Talve Maarja Malm	siret.talve@agri.ee maarja.malm@agri.ee	+372 625 6236 +372 625 6250

Estonia		Estonian Research Council (ETAG)	Argo Soon Katrin Kello	argo.soon@etag.ee katrin.kello@etag.ee	+372 730 0372 +372 731 7361
Finland		Ministry of Agriculture and Forestry (MMM)	Suvi Ryynänen	suvi.ryynanen@mmm.fi	+358 2951 62126
France		Agence Nationale de la Recherche (ANR)	Isabelle Hippolyte Eugenio Echague	isabelle.hippolyte@agencerecherche.fr Eugenio.ECHAGUE@agencerecherche.fr	+33 1 73 54 82 21
France		Regional Council of Brittany	Emmanuelle Gardere Pierre VILLEMUR	emmanuelle.gardere@bretagne.bzh Pierre.villemur@bretagne.bzh	+33 222 514 177 +33 299 279 799
Germany		Federal Ministry of Education and Research (BMBF)	Ulrike Ziegler Stefanie Margraf	u.ziegler@fz-juelich.de s.margraf@fz-juelich.de	+49 2461 61 4784 +49 24 61/61-9286
Germany		Federal Ministry of Food and Agriculture (BMEL)	Johannes Pfeifer Elke Saggau	johannes.pfeifer@ble.de elke.saggau@ble.de	+49 228 6845 2634 +49 228 6845 3930
Greece		General Secretariat for Research and Technology (GSRT)	Paraskevi Afentaki Anna Rosenberg	pafe@gsrt.gr a.rosenberg@gsrt.gr	+30 213 13 00 112 +30 213 13 00 095
Hungary		National Research, Development and	Orsolya Tóth	orsolya.toth2@nkfih.gov.hu	+36-1-896-3744

		Innovation Office (NKFIH)			
Ireland		Department of Agriculture, Food and the Marine (DAFM)	Eoin Riordan	eoin.riordan@agriculture.gov.ie	+353 (0) 1 6072847
Italy		Ministry of Agricultural, food and forestry policies (MIPAAF)	Livia Ortolani Serenella Puliga	Livia.ortolani.ext@politicheagricole.it s.puliga@politicheagricole.it	+39 0646655178 06 46655076 +39 0552492220 06 46655076
Latvia		State Education Development Agency (VIAA)	Maija Bundule	maija.bundule@viaa.gov.lv	+371 67785423
Israel		National Technologiocal Innovation Authority (InnovationAuth)	Dan Seker Nir Shaked	dan@iserd.org.il nir.s@iserd.org.il	+972 3 5118121 +972 3 7157916
The Netherlands		Netherlands Organisation for Scientific Research (NWO)	Sascha Bollerman	s.bollerman@minlnv.nl	+ 31655423116
Norway		The Research Council of Norway (RCN)	Tina Rebecca Hov-Gylthe Anicke Brandt-Kjelsen	trhg@rcn.no anb@rcn.no	+47 22037096 +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)	Domnica Cotet Cristina Cotet Luciana Bratu	domnica.cotet@uefiscdi.ro cristina.cotet@uefiscadi.ro luciana.bratu@uefiscdi.ro	+4021 302 38 80 +40 21 302 38 84 +40 21 302 39 87
Spain - Andalusia		Technology Corporation of Andalusia	Nathalie Chavrier	nathalie.chavrier@corporacion tecnologica.com	+34 954461352
Sweden		The Swedish Research Council Formas	Jessica Ekström	jessica.ekstrom@formas.se	+46 8 775 41 42
Switzerland		Federal Office for Agriculture (FOAG)	Nora Sauter Astrid Willener	nora.sauter@blw.admin.ch astrid.willener@blw.admin.ch	+41 58 467 41 03 +41 58 460 52 55
Turkey		The Scientific and Technological Research Council of Turkey (TUBITAK)	Meltem Soydan Karabacak Kamil Öncü Şen	meltem.soydan@tubitak.gov.tr oncu.sen@tubitak.gov.tr	+90 312 298 1264 +90 312 298 1809

Annex D: Indicative call budget

Table 2: Indicative call budget (National/regional contributions with top up funding)

COUNTRY	FUNDER	FUNDER NAME	AMOUNT	TOPIC 1	TOPIC 2
Austria	BMNT	Federal Ministry for Sustainability and Tourism	200,000.00	X	X
Belgium	EV-ILVO	Eigen Vermogen van het Instituut voor Landbouw en Visserijonderzoek	180,000.00	X	X
Belgium	Hermesfonds/ VLAIO	Fonds voor Flankerend Economisch en Innovatiebeleid/Agentschap Innoveren en Ondernemen	1,500,000.00	X	X
Belgium	FWO	Research Foundation Flanders	700,000.00	X	X
Bulgaria	BNSF	Bulgarian National Science Fund	230,000.00	X	X
Denmark	DAFA	Ministry of Environment and Food, Danish AgriFish Agency	1,000,000.00	X	X
Estonia	MEM	Ministry of Rural Affairs	100,000.00	X	X
Estonia	ETAG	Estonian Research Council	100,000.00	X	X
Finland	MMM	Ministry of Agriculture and Forestry	300,000.00	X	X
France	ANR	The French National Research Agency	800,000.00	X	X
France	REGION BRETAGNE	The regional council of Brittany	500,000.00	X	X
Germany	BMEL	Bundesministerium für Ernährung und Landwirtschaft	1,000,000.00	X	X
Germany	BMBF	Bundesministerium für Bildung und Forschung	2,000,000.00	X	

Greece	GSRT	General Secretariat for Research and Technology	1,000,000.00*	X	X
Hungary	NKFIH	National Research, Development and Innovation Office	200,000.00	X	X
Ireland	TEAGASC	TEAGASC - Agriculture and Food Development Authority	176,000.00	X	X
Ireland	DAFM	Department of Agriculture Food and the Marine	350,000.00	X	X
Israel	InnovationAuth	National Technological Innovation Authority	750,000.00	X	X
Italy	MIPAAF	Ministry of Agriculture Food and Forestry Policies	300,000.00	X	X
Latvia	VIAA	State Education and Development Agency	400,000.00	X	X
Norway	RCN	The Research Council of Norway	1,000,000.00	X	X
Poland	NCBR	National Centre for Research and Development	600,000.00	X	X
Romania	UEFISCDI	Executive Agency for Higher Education, Research, Development and Innovation Funding	500,000.00	X	X
Spain	CTA	Corporación Tecnológica de Andalucía	500,000.00	X	X
Sweden	Formas	The Swedish Research Council for Environment, Agricultural Sciences and Spatial Planning	875,000.00	X	X
Switzerland	FOAG	Federal Office for Agriculture (FOAG)- Bundesamt für Landwirtschaft	545,450.00	X	X

Turkey	TUBITAK	The Scientific and Technological Research Council of Turkey	750,000.00	X	X
The Netherlands	LNV	Ministry of Agriculture, Nature and Food Quality (LNV)	1,000,000.00	X	X
	Total		**€ 17,556,450.00**		

*not eligible for top-up funding and therefore this amount is solely the national contribution

Annex E: National/Regional Regulations

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.

AUSTRIA

Funding Party:

Federal Ministry | Republic of Austria | Sustainability and Tourism

Federal Ministry for Sustainability and Tourism (BMNT)

Funding Programme:

The national programme "PFEIL20" is the main funding programme, as well as the follow-up programme "Programm für Forschung und Entwicklung im BMNT 2020-2025, Angewandte Forschung für Praxis und Gesellschaft".

National/Regional Contact Point:

Federal Ministry For Sustainability and Tourism,
- Division II – Agriculture and Rural Development*
- Division CED 8 - Research, Development and Corporate Services**

contact person:	email:	telephone:
scientific content of the call, national priorities		
Johann DOPPELBAUER	johann.doppelbauer@bmnt.gv.at	+43171100/606658
Désirée EHLERS	desiree.ehlers@bmnt.gv.at	+43171100/606654
**contract, legal aspects, funding,		
Angelika STEGER	angelika.steger@bmnt.gv.at	+43171100/606966
Stefan VETTER	stefan.vetter@bmnt.gv.at	+43171100/606710

Eligibility criteria:

Applicants must meet other requirements of eligibility determined by the national programme "PFEIL20", and the follow-up programme, which are the main funding programmes.

All the proposals submitted must be in line with the general policies of the BMNT.

Further details:

Applicants must contact their national contact point prior to submission of the pre-proposal.

Requested BMNT contribution per project is limited to the budget provided in the table of the indicative call budget. The requested contribution includes the total costs requested.

In-kind contribution of the contracted Austrian organisation shall be calculated as at least 10% of the requested BMNT contribution.

Each email request sent to BMNT must be indicated by the following subject line:
ICT-call-2019-*acronym-surname*,
whereas acronym is the acronym of the proposal and surname indicates the name of the Austrian applicant. Requests could be written in German.

Applying organisations shall also contact their respective legal department and research service department, if any, so to clarify internal coherence for all applicants from that particular organisation.

For one eligible project there will be only one contract between BMNT and the respective Austrian partner, whereas additional Austrian partners shall be subcontracted. The Austrian partners should decide upon the lead partner amongst themselves at an early stage, and the lead partner must be eligible for funding.

After the final selection for funding of a proposal the Austrian partner, if any, has to submit the full proposalproject via www.dafne.at.

Amortisation costs for equipment are eligible in proportion to the share relevant for the project.

Travel and meeting costs are eligible according to the Austrian "RGV".

Overhead costs maximum 20% of direct costs.

National / regional topic priorities:

The Federal Ministry of Sustainability and Tourism (BMNT) funds research projects within all topics of the call.

The following frame conditions must be made evident by the applicants:

- *availability of data, open data, application of data*.

- *use of data*.

- *process efficiency*.

- *data protection, risk prevention*.

www.dafne.at

https://www.dafne.at/dafne_plus_homepage/001_PFEIL20_Endversion.pdf

https://www.bmnt.gv.at/land/digitalisierung/digitalisierung-in-der-landwirtschaft.html

"Digitalisierung in der Landwirtschaft"

More details in the national/regional call announcement:

Payments by BMNT principally consist of prepayment, payment after approval of the Interim Report, and a final payment after the approval of the Final Report (min. 10% of the requested BMNT contribution).

BELGIUM – Flanders Region

Funding Party:

The Research Foundation – Flanders (FWO)

Funding Programme:

Both the FWO Strategic Basic Research Projects (SBO), next to the more fundamental research projects (FO), are integrated in this call, each with specific regulations.

It is, in the light of the projects eligibility, of utmost importance to respect the appropriate regulations. For example when it comes to the **mandatory valorisation aspect for the SBO projects**.

It is consequently strongly advised to contact the FWO contact points (see below), in order to verify the eligibility of the proposals and avoid ineligible projects/research consortia.

See links below for the appropriate regulations.

National/Regional Contact Point:

contact person:	email:	telephone:
Alain Deleener Policy Advisor Strategic Research Programmes	eranet@fwo.be	+32 2 550 15 95
Toon Monbaliu Advisor Research Affairs	eranet@fwo.be	+32 2 550 15 70

Eligibility criteria:

Minimum and/or maximum project duration:

Projects may last up to 36 months, which implies the funding has to be budgeted and spent accordingly. Extensions are not allowed in this phase.

Minimum and/or maximum funding per project:

The maximum requested budget per partner amounts to 350.000 EUR (incl. overhead).

Beware, the funding rules differ per FWO funding channel (FO and SBO):

- FO: a 6% structural overhead should be calculated on the direct costs. E.g.: the sum of all costs (personnel, consumables, travel, etc.) amount to 300.000 EUR, then the overhead will amount to 18.000 EUR (6% of 300.000 EUR) and the total requested cost 318.000 EUR. This total requested cost may never exceed 350.000 EUR.

(for additional information see chapters 7 and 8 in the project regulations)

- SBO: The SBO cost model applies.

Who can be eligible for FWO funding?

The eligibility of institutions and its researchers can be verified in the relevant regulations:

→ For Fundamental research, see articles 10-12

→ For Strategic Basic Research, see articles 4-8

Additional conditions for FWO funding:

1) When the Flemish sub proposal has a strategic orientation, and thus the strategic basic research channel would be the appropriate choice of funding, we ask researchers **to provide us with a 'valorisation plan' before the pre-proposal submission deadline.** There is no fixed format and one A4 page should suffice. What the FWO wants to know is how the valorisation within Flanders - and potentially internationally – will take place and which Flemish actors are involved in this. This information can be submitted to the general eranet@fwo.be email address.

2) Researchers have to inform their central research coordination units, at their host institutions, about their participation.

3) One and the same researcher can only participate in 2 different research projects/consortia when applying for FWO funding, within the same call. Double funding is not allowed.

National/regional topic priorities:

The Research Foundation – Flanders (FWO) funds research projects within all topics of the call. There are not thematic restrictions as long as the projects fit into the SBO or FO funding channels scope. .

However, valorisation – with an economic and/or societal finality - is an essential feature for the SBO programme.

More details in the national/regional call announcement:

Call page for European programmes (ERA-NET)
https://www.fwo.be/nl/mandaten-financiering/europese-programmas/era-net/oproepen/

SBO programme
https://www.fwo.be/nl/mandaten-financiering/onderzoeksprojecten/sbo-projecten/

FO programmehttps://www.fwo.be/nl/mandaten-financiering/onderzoeksprojecten/junior-en-senior-onderzoeksproject/

Funding Party:

Eigen Vermogen - Institute for Agricultural and Fisheries Research (EV ILVO)

Eligibility:

The programme that can be used for participation in the co-funded call is called: EV ILVO-PhD (weblink: https://www.ilvo.vlaanderen.be/EN/Work-at-ILVO/General-terms-and-regulations-for-PhD-scholarships.aspx#.XeE7USBG2-Q).

This programme is topic-specific. This means that once the (sub)topics are decided by the ERA-Net -ICT Agri Food, the topics will be evaluated by the programme-committee. In case of acceptance of one or more topics, the programme is open for every researcher (with full competition), as long as the following criteria are fulfilled:

» have the necessary and relevant diplomas (at least graduated cum laude at any University)

» less than 365 days experience in research

» attest of irreproachable behaviour

» the willingness and commitment to write a PhD

The proposed project must have a total duration of 2 times 2 years. We go beyond the 3 years duration of the cofund proposals. Since the co-funded proposals are expected to have a three year duration, they should be incorporated in the first three years. After 2 years an evaluation procedure is carried out. A positive evaluation is mandatory for acceptance of the last 2 years of the project to be financed. Co-financing of the project with European Universities or other research institutions is encouraged (for example, 2 year financing from the EVILVO-PhD programme and 2 years co-financing from a University). Both the candidate and the project will be evaluated by an external evaluation committee (with a different composition as the programme-committee). The PhD activities need to be carried out mainly at ILVO (unless otherwise stated). After the grant has been given, the PhD student elaborates the subject further with his/her promoter from university and his/her ILVO promoter. The scholarship recipient needs to register him/herself as a PhD student at the university and complete the necessary administration. This registration must be repeated annually. Proof of registration must be provided to ILVO's personnel services. Within 6 months after the start of the mandate, the PhD student needs to have received confirmation from a university promoter.

Previous participation: this programme has provided funding for the FP7 ICT-AGRI ERA-Net.

Furthermore, it is used in yearly calls for attracting PhD students to the "coordinated actions" of the EV ILVO-2020 strategy.

As EV-ILVO are a potential applicant, as well as a co-funder to this Call, only VLAIO/ HERMESFONDS (i.e. no representative from EV-ILVO) will take the decision regarding the eligibility of any Flemish applicants to the Call or on the final selected projects.

Funding Party:

**Fonds voor Flankerend Economisch en Innovatiebeleid/
Agentschap Innoveren & Ondernemen
(Flanders Innovation and Entrepreneurship)**

Funding Programme:

see links below

National/Regional Contact Point:

VLAIO

contact person:	email:	telephone:
Anne De Brabandere, Scientific advisor	anne.debrabandere@vlaio.be	+32 2 432 42 37
Bert Beck, Scientific advisor	bert.beck@vlaio.be	+32 2 432 43 07

Eligibility criteria:

Minimum and/or maximum project duration:

Projects may last from 6 up 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 supervisory group.

For this call maximum funding per project is 500 000 euro for research projects and development projects and 250 000 euro for LA-trajectories.

Should within a same project different Flemish actors apply for funding from different Flemish funders, the maximum funding for Flanders is 850 000 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 all project types (Development and Research projects and LA trajectories), the submission of projects is online (see link below).

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

BULGARIA

Funding Party:

Bulgarian National Science Fund

Funding Programme:

not specified

Regional Contact Point:

Bulgarian National Science Fund

contact person:	email:	telephone:
Milena Aleksandrova	aleksandrova@mon.bg	+359 884 171 363

Eligibility criteria:

Applicants under this procedure shall be directly responsible for the implementation of the activities under the project proposal and shall not act as intermediaries, but they shall carry out activities under the project proposal on their behalf and at their expense.

Applicants to this procedure must be entities:
1) Accredited universities as defined in Art.85 para.1, p. 7 of the Higher Education Act;
2) Research organizations as defined in Art. 47, para 1 of the Higher Education Act. http://lll.mon.bg/uploaded_files/zkn_visseto_obr_01.03.2016_EN.pdf

Applicants to this procedure must be entities:
1) Carrying out fundamental research studies; and
2) Whose activities are entirely of a non-profit nature; or
3) Whose activities are of both for-profit and not-for-profit nature, but these activities are clearly distinguished and their organization allows tracking of revenue and expenditures connected with their implementation, including by keeping analytical accounting. In the event that an applicant is involved in both for-profit and not-for-profit activities, the funding, expenditures and revenues

shall be taken into account separately for each type of activity and on the basis of consistently applied principles of accounting of expenditures being justifiable.

Funding conditions:

The maximum requested budget per project is up to 75.000 euros. The eligible costs are specified in "National requirements and eligibility conditions" of Bulgarian National Science Fund available at:https://www.fni.bg/sites/default/files/competition/12_2016/ERA/FNI_International_Progra ms_2017_BG.pdf

The following costs are not eligible:
• costs for activities carried out before the date of entry into force of the grant contract under the current procedure;
• costs that have already been funded or are fundable by other, confirmed sources;
• costs made for the purchase of assets and / or performance of activities not directly related to the project proposal and the fundamental research planned in it;
• tax costs, including refundable VAT; • within the contract duration
• fine, sanction and penalty payments for events occurring within the contract duration;
• costs for consulting services during the project proposal preparation stage;
• costs depending on the use of local rather than imported goods;
all costs falling outside the scope of eligible costs of the procedure in the respective state.

The financial plan of the project should comprise "Indirect eligible costs" which include:
– Administrative costs – up to 7 % of the total project cost.
– Audit costs – up to 1 % of the total project cost.
These costs are required to be included even they are not identified within the general rules of the call announced under the respective international programme

All the eligible costs are specified in" National requirements and eligibility conditions" of Bulgarian National Science Fund available at:
https://www.fni.bg/sites/default/files/competition/12_2016/ERA/FNI_International_Program s_2017_BG.pdf

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National/regional topic priorities:

The Bulgarian National Science Fund funds research projects within all topics of the call.

More details in the national/regional call announcement:

https://www.fni.bg

DENMARK

Funding Party:

Ministry of Environment and Food

Ministry of Environment
and Food of Denmark

Funding Programme:

Applicable legislation and guidelines
Act on a Green Development and Demonstration Programme, Act. No. 23 of 4 January 2017:
https://www.retsinformation.dk/Forms/R0710.aspx?id=186165
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:
https://lbst.dk/tilskudsguide/groent-udviklings-og-demonstrationsprogram-gudp/#c10113
Reference is made to the GUDP Strategy 2019-22:
https://mst.dk/media/169050/gudp_strategi_09_11_2018_tryk-final1.pdf

National/Regional Contact Point:

Danish Agricultural Agency (DAA)

contact person:	email:	telephone:
Julia Gajo	JULGAJ@lbst.dk	+45 51531541
Karen Munch Mortensen	KARMO@mst.dk	+45 2246 5282

Eligibility criteria:

Max. project duration: 3 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. Submission of an additional questionnaire **prior to the preregistration deadline is mandatory** for Danish applicants. The questionnaire should be sent directly by the Danish project partner to the Danish contact person (see contact details above).

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 Ansøgningsmateriale: Budgetskema og gantt-diagram":

https://lbst.dk/tilskudsguide/groent-udviklings-og-demonstrationsprogram-gudp/#c10113

National / regional topic priorities:

The Ministry of Environment and Food funds research projects within all topics of the call.

Further information can be find under www.gudp.dk

More details in the national/regional call announcement:

under www.gudp.dk

ESTONIA

Funding Party:

Estonian Research Council / Eesti Teadusagentuur (ETAG)

National/Regional Contact Point:

Estonian Research Council,
Department of International Research Cooperation

contact person:	email:	telephone:
Argo Soon, senior adviser	argo.soon@etag.ee	+372 730 0372
Katrin Kello, senior adviser	katrin.kello@etag.ee	+372 731 7361

Eligibility criteria:

1. Participants of the project

1.1 The Host Institution is the institution to which the grant will be allocated. The Host Institution must be registered and located in Estonia. R&D institutions must conform to the Organisation of Research and Development Act. For enterprises, subsection 3(2) of the Organisation of Research and Development Act does not apply.

The Host Institution must declare that the project can be carried out within their premises and that it will employ the Principal Investigator during the proposed project, should the project receive funding.

1.2 The Principal Investigator is the researcher who submits the project proposal and who will be responsible for the use of the grant and for the implementation of the project.

The Principal Investigator:

1.2.1 must have an updated public profile in the Estonian Research Information System (ETIS), or as an alternative, convert his/her ETIS publications table into a PDF and send it directly to the ERA-NET's contact point at ETAg;

1.2.2 must hold a doctoral degree or an equivalent qualification. The degree must be awarded by the submission deadline of the grant application, at the latest;

1.2.3 must have published at least three articles which comply with the requirements of clause 1.1 of the ETIS classification of publications, or at least five articles which comply with the requirements of clauses 1.1, 1.2, 2.1 or 3.1, within the last five years prior to the proposal

submission deadline. International patents are equalled with publications of clause 1.1. A monograph (ETIS clause 2.1) is equalled with three publications mentioned in clause 1.1 if the number of authors is three or less. If the applicant has been on pregnancy and maternity or parental leave or in the compulsory military service, or has other serious grounds, the publication period requirement will be extended by the respective time.

1.3 Senior research staff of the project participates in the substantial performance of the project. They must hold at least master's degree or an equivalent qualification.

2. Budget

2.1 Research expenses consist of direct costs (personnel costs incl. scholarships, travel costs and other direct costs) and subcontracting costs. The research expenses must be used to carry out the project and be respectively identifiable.

2.2 Direct costs

2.2.1 Personnel costs are monthly salaries with social security charges and all other statutory costs of the participants of the project calculated according to their commitment and proportionately to their total salary cost at their Host Institution.

2.2.2 Scholarships equal to the state doctoral allowance may be paid out of the grant to doctoral students not receiving any salary from the Host Institution. Should a doctoral student participate in several projects financed by ETAg, the total amount of the scholarship from these projects may not exceed the nationally determined amount of doctoral allowance.

2.2.3 Travel costs may cover expenses for transport, accommodation and daily allowances.

2.2.4 Other direct costs are:

- consumables related to the project;

- costs for publication and dissemination of project results;

- costs for organising meetings, seminars or conferences;

- fees for participation in scientific forums and conferences;

- all other costs that are identifiable as clearly required for the implementation of the project.

2.3 Subcontracting costs should not be included in the overhead calculation and should cover only additional or complementary research related tasks (e.g. costs for translation, analyses, etc.) performed by third parties. Core project tasks should not be subcontracted. Subcontracting costs may not exceed 10% of the total costs.

2.4 Overhead may not exceed 20% of eligible direct research costs and should cover general expenses of the Host Institution. Costs for equipment and services intended for public use (copying machine or printer publicly used, phone bills, copying service, etc.) should be covered from the overhead.

2.5 Double funding of activities is not acceptable.

3. Enterprises

EU Regulations on State Aid for Research and Development must be taken into account when requesting funding from ETAg. The state aid form must be filled in. No tax arrears are allowed on the proposal submission date.

4. Grant Agreement

ETAg shall enter into a grant agreement with the Host Institution and the Principal Investigator.

5. Research involving human subjects or animal tests

If human research or animal tests are intended in the project, a positive resolution by the Human Research Ethics Committee or the Authorization Committee for Animal Experiments must be submitted to ETAg by the start of the relevant activities.

6. Nagoya protocol

By applying for funding by ETAg the applicants agree to consider the relevance of Nagoya protocol for their research, and to submit the Due Diligence Declaration if applicable.

National / regional topic priorities:

The Estonian Research Council (ETAG) funds research projects within all topics of the call.

For further information: www.etag.ee

More details in the national/regional call announcement:

www.etag.ee

Funding Party:

Ministry of Rural Affairs (MEM)

MAAELUMINISTEERIUM

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:
Siret Talve, Adviser of the Research and Development Department	siret.talve@agri.ee	+372 625 6236
Maarja Malm, Chief Specialist of the Research and Development Department	maarja.malm@agri.ee	+372 625 6250

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".

Further details:

Please note that there is a 5% of own contribution required upon total budget of the project.

The total requested funding for all Estonian partners within one consortium may not exceed 100,000 € (VAT is included).

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:

The Ministry of Rural Affairs (MEM) funds research projects within all topics of the call.

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.

Maa- ja metsätalousministeriö
Jord- och skogsbruksministeriet
Ministry of Agriculture and Forestry

Funding Party:

Ministry of Agriculture and Forestry (MMM)

National/Regional Contact Points:

Ministry of Agriculture and Forestry (MMM);

Information and Research Division

contact person:	email:	telephone:
Suvi Ryynänen (MMM)	suvi.ryynanen@mmm.fi	+358 2951 62126

Eligibility criteria MMM:

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

1. Research organizations as well as other organizations and SMEs can be funded; for research organizations 70 % of the project's gross eligible costs are covered.

2. The maximum amount of the costs/one consortium (all Finnish applicants) applied from MMM may not exceed 200 000 euro.

3. The work carried out must be pre-competitive research and/or prototype demonstration. Product development supporting individual companies is not supported.

4. The results of funded projects must be open for access by all potential user groups

5. The application must contain a plan for communication and dissemination of results.

6. 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.

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

National/regional topic priorities:

MMM:

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. **MMM urges all applicants to get in touch with the national contact person already in the early phase of the project planning.**

FRANCE

Funding Party:

Agence Nationale de la Recherche (ANR)

Funding Programme:

ANR Work programme 2020

https://anr.fr/en/anrs-role-in-research/plan-daction-2020/

National/Regional Contact Point:

ANR

contact person:	email:	telephone:
Isabelle Hippolyte	isabelle.hippolyte@agencerecherche.fr	
Eugenio Echagüe	Eugenio.ECHAGUE@agencerecherche.fr	+33 1 73 54 82 21

Eligibility criteria:

- Proposed projects may not exceed 36 months.

- A project has to request a minimum of 15.000 € per partner and up to 200.000 € per project from ANR. If a partner requesting funding from ANR is coordinator of a proposal, the maximum amount of funding requested can reach 300 000 € per project.

- Partners must include at least one French public research organization (EPA, EPSCP, EPST, EPIC)

- In case there is a foreign company within a proposal, the participation of a French company is mandatory. In this case, the IP rights have to be clearly defined within the full proposal.

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

- 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.

- The Technology Readiness Level (TRL) of the proposal will not exceed 6, from the start to the end of the project.

Project partners' commitment:

Access to genetic resources and traditional knowledge associated with genetic resources

Pursuant to the Nagoya Protocol, ANR must obtain documentary evidence of Due Diligence Declarations (DDDs) for all research projects that it funds. Projects funded will be asked to make a declaration on potential utilisation of genetic resources during their projects.

DDDs for research work can be submitted online using the special application on the MESRI website. Credentials to access the application can be obtained from the director of the host institution. For full details, go to: http://www.enseignementsup-recherche.gouv.fr/pid37627/utilisation-ressources-genetiques-associees.html

Open Science

As part of the contribution of the ANR to the promotion and implementation of an open science, and in connexion with the National plan for an open science, the applicants formally undertake, if they receive funding, to: (1) post the full texts of all scientific publications resulting from the research project in an open archive (either directly in HAL or via a local institutional archive); and (2) to provide a data management plan (DMP) within 6 months of the project start, as per the ANR Funding regulation (*Règlement financier*) and the arrangements communicated in the act allocating the grant. Besides, the ANR recommends that publications be made in reviews or books in native open access.

Important recommendations:

- The financing duration for each post-doctoral fellowship should not be less than 12 months.

The participation of a French private company is not mandatory, but would be appreciated.

It is important to read carefully the call text, the present document, the Appendix for partners requesting support from ANR and the ANR Funding regulation (https://anr.fr/fr/rf/) before contacting the NCP and submitting a research project. Please note that the rules outlined in this document are translations from the ANR Funding regulation and Appendix for partners requesting support from ANR. In case of inconsistencies, the latter shall prevail.

National/regional topic priorities:

Agence Nationale de la Recherche (ANR) funds research projects within all topics of the call.

Type of research funded: Basic, targeted and applied research (TRL up to 6)

More details in the national/regional call announcement:

Terms and conditions and important recommendations to apply to the ICT AGRI FOOD cofund call will be published on the ANR website in the "Appendix for partners requesting support from ANR" **(https://anr.fr/fr/).**

For more detailed rules and regulations please refer to the national/regional call announcement on ANR website (https://anr.fr/fr/lanr-et-la-recherche/plan-daction-2020/) and contact the National/Regional Contact Point.

Funding party

Regional Council of Brittany

Funding program

Program 202 – *Accompagner la structuration des acteurs clés de l'économie bretonne.* Internet : https://www.bretagne.bzh ; the correct link will be found on that webpage at a later date.

Regional contact points

contact person:	email:	telephone:
Emmanuelle GARDERE	emmanuelle.gardere@bretagne.bzh	+33 222 514 177
Pierre VILLEMUR	Pierre.villemur@bretagne.bzh	+33 299 279 799

Eligibility criteria

Eligible entities

Companies established in Brittany.

Research institutions could participate only if they apply in association with at least one company from Brittany (meaning that there must be at least one Breton company together with the Breton research institution in the project's consortium.)

Eligible activities

The Breton part of the project has to be developed in Brittany.

Eligible costs

- Staff costs
- Travel accommodations
- Instrument and equipment costs, which results directly from the project
- Sub-contracting expenses
- R&D equipment amortization

- Indirect costs: limited up to 15% of the staff costs.

Duration

Proposed projects may not exceed 36 months.

Maximum funding levels

- 45 % for SMEs, 30% for mid-cap companies and 25 % for other enterprises.
- Up to 100 % of additional costs for research centers. (According to the RDI rules SA.40391)

Regional topic priorities

Regional Council of Brittany funds research projects within all topics of the call.

More details in the regional call announcement

If Breton applicants have any questions about their eligibility, they are strongly advised to contact the Regional Council of Brittany (https://www.bretagne.bzh) to enquire about their eligibility for the call before developing the proposal. Some Breton applicants may be eligible to ANR too, in this case the contact points of the two funding parties (ANR and the Regional Council of Brittany) will exchange together to advise the applicants towards the best option.

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GERMANY

Funding Party:

Federal Ministry of Food and Agriculture (BMEL), represented by the Federal Office for Agriculture and Food (BLE)

Indicative Budget: 1.000.000 €. The maximum amount for each project has to not exceed 500.000 €. The max. project duration is up to 36 months.

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 325 - European Research Affairs

contact person:	email:	telephone:
Dr. Johannes Pfeifer	johannes.pfeifer@ble.de	+49 228 6845-2634
Dr. Elke Saggau	elke.saggau@ble.de	+49 228 6845-3930

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).
- Funding will be awarded as non-repayable project grant.

- Eligible applicants are universities, universities of applied sciences, non-university research institutions, SMEs domiciled in Germany as well as Federal and State institutions with research tasks. Research institutions which are jointly funded by the Federal Government and the 'Länder' may only be granted project funding under certain conditions and only for project-related expenditures in addition to their basic funding.

National/regional topic priorities:

BMEL funds research projects within all topics of the call.

More details in the national/regional call announcement:

See the national Call announcement in the Bundesanzeiger (www.bundesanzeiger.de)

Funding Party:

Bundesministerium für Bildung und Forschung – (BMBF)

Funding Programme:

National Research Strategy BioEconomy 2030

National/Regional Contact Point:

contact person:	email:	telephone:
Dr. Ulrike Ziegler	u.ziegler@fz-juelich.de	+49 24 61 61 4784
Dr. Stefanie Margraf	s.margraf@fz-juelich.de	+49 24 61 61 1790

Eligibility criteria:

Applicants must be research groups from academia, universities, research organisations or industry. Enterprises, especially SMEs, may participate as partners provided they can prove their financial stability (see "additional information").

National/regional topic priorities:

BMBF will support projects within Topic 1.

Proposals with the following focus cannot be funded: Topic 2

More details in the national/regional call announcement:

Additional information

German applicants are strongly recommended to contact their National Contact Persons before submitting a proposal and to refer to the National Announcements, which can requested from the National Contact Persons.

German applicants who are eligible to receive "Projektpauschale" must make sure, that this is drawn in the section "Finances" under "Overhead". Additional explanations can be added in the section "Comments on finances".

> ➢ BMBF funding of the ICT-AGRI-FOOD co-funded call is provided as delineated in the announcement "Richtlinie zur Förderung transnationaler Forschungsprojekte zur Anwendung von Informations- und Kommunikationstechnik in der Landwirtschaft und Lebensmittelproduktion" which is planned to be published in the Bundesanzeiger in January 2020.
> ➢ Funding bases on §§23 and 44 BHO ("Bundeshaushaltsordnung") and associated administrative regulations. The main items are as follows:
> ➢ The procedure ("Verfahren") is according to the above-mentioned protocol (see Chapter "Application Procedure"). Funding will be awarded as non-repayable project grant.

The funding regulations, the follow up and reporting of publicly funded projects are regulated according to the national announcement "Richtlinie zur Förderung transnationaler Forschungsprojekte zur Anwendung von Informations- und Kommunikationstechnik in der Landwirtschaft und Lebensmittelproduktion". Additionally, reporting duties as delineated in this Call Announcement in the Chapter „Reporting requirements" must be respected as well.

For universities intending to request the "Projektpauschale" in the frame of the present call, the project costs budgeted in the pre-proposal must include this "Projektpauschale". More information is available in the "FAQ zur Projektpauschale": https://foerderportal.bund.de

Research institutions, which receive basic financing, can be funded subject to specific conditions.

Enterprises must be registered in Germany and must be well established in Germany with plants, laboratories, employees, etc. The proposed project must be beneficial to the national economy. In order to prove their financial ability to participate in the proposed project, Small and Medium Enterprises (SMEs) have to submit the following documents together with the electronic submission of the Pre-proposal:

➢ Financial statement for the last two years (Jahresabschlüsse der letzten zwei Jahre)
➢ Confirmation of the financial own contribution (Erklärung zur Aufbringung des Eigenanteils)
➢ Business assessment (Aktuelle BWA)
➢ The documents have to be submitted to:

Dr. Ulrike Ziegler

Projektträger Jülich

Geschäftsbereich Bioökonomie

PtJ BIO 7: Europäische Initiativen und Internationales

Forschungszentrum Jülich GmbH

D-52425 Jülich

Tel.: +49 2461 61-4784

Fax: +49 2461 61-1790

u.ziegler@fz-juelich.de

In the case of a positive funding recommendation all German applicants will be asked to submit a formal national application. It is strongly recommended to use the electronic application system "easy-online" https://foerderportal.bund.de/easyonline.

More details in the national/regional call announcement:

See the national Call announcement in the Bundesanzeiger (www.bundesanzeiger.de)

GREECE

Funding Party:

General Secretariat for Research and Technology (GSRT)

Funding Programme :

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

National/Regional Contact Point:

contact person:	email:	telephone:
Paraskevi Afentaki	pafe@gsrt.gr	+30 213 13 00 112
Anna Rosenberg	a.rosenberg@gsrt.gr	+30 213 13 00 095

Eligibility criteria:

Terms and Conditions

GSRT potentially supports all private and public legal entities namely: private enterprises (such as SMEs, large-companies etc), research organizations, higher education institutions, and other public organizations with R&D activities). Individuals as well as individual enterprises are not eligible under this scheme.

Applicants may submit in the current call, if they are enterprises, up to two (2) proposals from the same enterprise and for Public research Institutes and Universities up to (2) proposals at the level of the same Laboratory or School or Institute or Department.

Aid of intensity

Public research Institutes and Universities: the aid intensity can reach 100% for performing non-economic activities in accordance with point 19, article 2.1.1 of the «Framework for State aid for research and development and innovation» (2014/C 198/01).

Private Sector: (a) 50% of the eligible costs for industrial research; (b) 25% of the eligible costs for experimental development; (c) 50% of the eligible costs for feasibility studies.- 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.

-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.

Duration of the projects
The duration of a funded project is 24-30 months. A possible extension of the duration under conditions can be accepted for the projects with a project duration of 24 months with a maximum up to the 1/3 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).

Evaluation
At national level, only eligibility check is conducted and not a full peer review at pre-proposals and full proposals stages. We rely on the evaluation made by the COFUND Call Evaluation Committee and external reviewers.

Foreseen cost categories:
(a) personnel costs: researchers, technicians and other supporting staff to the extent employed on the project.

(b) costs on fixed assets i.e. b1) 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 and b2) costs for 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.

(c) 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.

(d) additional general costs and other operating expenses, including costs of materials, supplies, travel expenses, organization of meetings, dissemination/publicity costs, audit costs, incurred directly as a result of the project implementation.

(e) indirect costs = flat rate 15% of gross personnel costs excluding VAT = 15%* (a-(VAT of a)). Indirect costs are eligible for all legal entities and include costs that do not incur directly as a result of the project implementation (e. g. administrative and management costs, utility costs).

Note: -Please bear in mind that scientific management costs are eligible under category (a) whereas administrative and financial/legal management costs fall under eligible categories (e) or (d)-audit costs only.

 - Subcontracting is allowed. This will be clarified in the guidelines of the national call.

<u>Admitted costs</u>

 – **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 € <u>per project</u> 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).

National/regional topic priorities :

 GSRT funds research projects within all topics of the call. (Compatibility with RIS3 is asked)

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

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

More details in the national/regional call announcement :

Submission at the national level is required at a later stage. A national call will be published to support the approved, at the transnational level, proposals only. Detailed information on the

procedure and the funding rules will be provided at the GSRT website in the guidelines of the national call, during the submission period.

For more information please contact the NCP.

HUNGARY

Funding Party:

National Research, Development and Innovation Office

Funding Programme:

Call for proposals to support successful Hungarian participants in international ERA-NET COFUND and EJP COFUND programmes
Call Number: 2019-2.1.7-ERA-NET

Source of funding: 2019 Budgest Law No. L., Annex 1. LXII: National Research, Development and Innovation Fund – Title 2.: Supporting innovation in international cooperation

National/Regional Contact Point:

contact person:	email:	telephone:
Orsolya Tóth	orsolya.toth2@nkfih.gov.hu	+36-1-896-3744

Eligibility criteria:

The aim of the call is to provide national funding for successful Hungarian participants in international joint calls of ERA-NET COFUND and European Joint Programme COFUND initiatives from the National Research, Development and Innovation Fund The call contributes to
- fostering strategic cooperation amongst international organisations participating in projects funded by ERA-NET COFUND and EJP COFUND programmes,
- to helping Hungarian participants of projects funded by the ERA-NET COFUND and EJP COFUND programmes to gain experience in the field of international R+D cooperation, which can contribute to strengthening Hungarian participation in the Horizon 2020 framework programme int he given technological,
- establishing future scientific and economic cooperation.

General rules for participation for Hungarian institutions in the joint calls of the ERA-Net COFUND programmes are detailed in the Call Guidelines.

Participation in these programmes contributes to achieving national R+D goals stipulated in the EU-2020 strategy and the alignment of the R+D programmes of member states and thus to more efficient exploitation of European R+D funds. By concentrating these funds, large-scale projects aimed at adddressing important issues can be realized as well as the competitiveness of the European industry can be increased.
Request for funding can be submitted individually or in the form of national consortium. Hungarian partners participating in the same international project shall submit their request for domestic funding in the form of a national consortium.

Project duration: maximum 36 months

Request for funding shall only be submitted by a Hungarian member of a consortium of a joint international project which was selected for funding according to the evaluation system of the international programme, or
by a Hungarian member who joined the consortium of a joint international project which was selected for funding according to the evaluation system of the international programme at a later stage.

Activities eligible for funding: basic research, applied research, experimental development, activities related to information and dissemination activities, project coordination activities, access to market. Detailed information can be found in the guidelines.
In case of basic research activities, they can only be carried out by the applicants and cannot be outsourced to third parties.

Please note that activities eligible for funding vary from ERA-NET to ERA-NET. Please refer to the Guidelines for detailed information. In case of ICT-AGRI-FOOD, applied research is eligible.

While applying for domestic funding, the professional content should be consistent with the professional content of the international project but the tasks of the Hungarian applicant should be presented in detail.
The timeline for the request for funding should be consistent with the timeline of the international project, the milestones should be defined according to the international project.

Applicants should meet the ethics requirements of Horizon 2020 indicated in Articles 13. and 14. of the Regulation 1290/2013/EU of the European Parliament and the Council.

Details regarding funding intensity can be found in the Guidelines

Domestic funding is available according to the ranking list of the international evaluation and until the exhaustion of the available domestic funds.

Submission of national proposal:

Proposers shall submit their request for funding after the approval of the international projects. The online application form and programme can is available at www.palyazat.gov.hu .

Deadline for submission: 30 November, 2020

National/regional topic priorities:

National Research, Development and Innovation Office funds research projects within all topics of the call.

More details in the national/regional call announcement:

www.nkfih.gov.hu , e-mail: nkfialap@nkfih.gov.hu

IRELAND

Funding Party:

Department of Agriculture, Food and the Marine (DAFM)

Teagasc

Indicative Budget: €526,000

Funding Programme

DAFM Research Stimulus Programme

Teagasc Walsh Fellowship Programme

National/Regional Contact Point:

contact person:	email:	telephone:
Eoin Riordan	eoin.riordan@agriculture.gov.ie	+353 (0) 1 6072847

Maximum funding per project:
The maximum funding available per project is: €175,000 from DAFM and €88,000 from Teagasc. Therefore the total combined DAFM/Teagasc public funding to eligible Irish Research Performing Organisations (RPOs) shall not be greater than **€263,000 per project**. It is not mandatory for Irish applicants to request grant-aid from both DAFM and Teagasc, however where only one of these funders is selected, this must be stated clearly in the Budget Comments section of the ICT-AGRI-FOOD pre- and full proposal application forms and the maximum grant available will be that stated above per project for each funder respectively. Where grant-aid is sought from Teagasc this must be in the form of €88,000 for a four-year Walsh Fellowship-funded PhD – please refer to the 'Funding Rules' of the Guidelines for Irish Applicants for more details on how the Walsh Fellowship funding is structured to meet central ICT-AGRI-FOOD requirements.

National eligibility criteria:
1. Grant applications will only be accepted from DAFM approved Irish RPOs (see section 6 of the Guidelines for Irish Applicants)
2. The grant request by Irish RPOs must not exceed the maximum funding per project as set out in the Guidelines for Irish Applicants
3. Address at least one of the ICT-AGRI-FOOD Call's scientific topic areas (as set out in the central ICT-AGRI-FOOD Call announcement)
4. Avoid duplication of recent research work already undertaken or ongoing that incorporates the scope of the scientific topic areas in the ICT-AGRI-FOOD Call

5. Closely align with Sustainable Healthy Agri-Food Research Plan (SHARP) – the Strategic Research and Innovation Agenda covering the 'Sustainable Food Production and Processing' and 'Food for Health' priority areas of the National Research Prioritisation Exercise
6. Align with relevant national policy and foresight documents including but not restricted to Food Wise 2025, the Government's Action Plan for Jobs, Innovation 2020, Our Sustainable Future and Teagasc Technology Foresight 2035.

Applications that do not adhere to these criteria **will be deemed ineligible** and in such cases the application will not proceed for expert review.

Min. project duration: 3 years   **Max. project duration:** 3 years

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National/regional topic priorities:

DAFM/Teagasc funds research projects within all topics of the call.

More details in the national/regional call announcement:

Please see the 'Guidelines for Irish Applicants' located on the DAFM website – this sets out in more detail the rules for Irish applicants seeking grant-aid in ICT-AGRI-FOOD and must be read in conjunction with the requirements set out in this National Annex.

As Teagasc are a potential applicant, as well as a co-funder to this Call, only DAFM (i.e. no representative from Teagasc) will take the decision regarding the eligibility of any Irish applicants to the Call or on the final selected projects.

ISRAEL

Funding Party:

National Technological Innovation Authority (InnovationAuth)

Funding Programme:

Specific Programme on International Research Cooperation on ICT-Agri-Food

Procedure for Financing Israeli Partners by the Innovation Authority under Sub-Programs for the European Framework Program

National/Regional Contact Point:

National Technological Innovation Authority (InnovationAuth),

contact person:	email:	telephone:
Dan Seker	dan@iserd.org.il	+972 3 5118121
Nir Shaked	nir.s@iserd.org.il	+972 3 7157916

Eligibility criteria:

- The application and eligibility are subject to the **"Procedure for Financing Israeli Partners by the Innovation Authority under Sub-Programs for the European Framework Program"** which will be available online at https://www.innovationisrael.org.il/ > search for ICT-AGRI-FOOD.

- An Applicant will need to choose one of the courses of application:
    - Course 1- R&D Fund, bi-national programs for parallel support
    - Course 6 - Transfer of applied research knowledge from a research institution to a corporation, (knowledge import sub-course).
    - Course 7 - Directing academic knowledge (with a supporting corporation)
- Each Applicant needs to send formal Eligibility document to InnovationAuth. Eligibility document may be found at InnovationAuth site. Eligibility document need to arrive to InnovationAuth until the deadline of stage 1 of this call.
- Only eligible applicant that passed stage 1 will be permitted to pass to stage 2 of the call
- Eligible Applicants are entities that were approved by InnovationAuth.
- Applicants that passed to stage 2 will need to send to InnovationAuth a formal request for the project based on "Procedure for Financing Israeli Partners by the Israel Innovation Authority under Sub-Programs for the European Framework Program.
- The request needs to arrive to Israel Innovation Authority up to 14 days after the closing date of stage 2.

- A single Israeli partner may request a maximum amount of fund based on the course it chose.

National/regional topic priorities:

- Applied research

NationalTechnological Innovation Authority (InnovationAuth), funds research projects within all topics of the call.

More details in the national/regional call announcement:

Applicants are advised to contact InnovationAuth before submitting applications for this call.

More information will be available online: https://www.innovationisrael.org.il/ >

Search for ICT-AGRI-FOOD.

ITALY

Funding Party:

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

Funding Programme:

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

National/Regional Contact Point:

MIPAAF Research and Experimentation Office (DISR IV)

contact person:	email:	telephone:
Livia Ortolani	livia.ortolani.ext@politicheagricole.it	+39 06 46655178/5076
Serenella Puliga	s.puliga@politicheagricole.it	+39 055 2492220 +39 06 4665 5076

Eligibility criteria:

1. Applicant eligibility

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 present among their institutional and statutory scopes. Furthermore SME's and other organisms with different statutory nature may participate at their own (or other external) resources, proven that they provide the project an added value. The same research institution (but not the same person/research group) can apply for more than 1 project in both topics.

2. Financing and cost eligibility

In defining cost of the projects national applicants must refer to regulations indicated in the standing User's Manual

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

The selected national institutions will be financed up to 99% of the approved eligible costs.
- Eligible costs
    A) Personnel

1) Salaries – For public institutions/universities only non-permanent scientific staff; for private no-profit institutions also permanent scientific staff; administrative staff can be included only in the coordination activity, if the research unit is also coordinator.

2) Travel expenses – for permanent and non permanent staff declared in the project

B) Consumables

C) External activity costs – advisory/consultant services, services supply (scientific, logistics for meetings, devices and machine rent and/or , etc.)

The costs at point C) need to be indicated and detailed as "Other costs" in the financial plan of the joint call application form (online submission)

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

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

F) Coordination - if the Italian institution is also playing the role of coordinator the eligible costs are those indicated in the User's manual. In the joint call Mipaaf will pay the coordination cost calculated on the total request of the project, including the amount not paid with national resources.

3.   National document to be presented

By the pre-proposal application deadline no documents have to be submitted to Mipaaf by applicant public institutions, other than the application through the online joint call submission platform. **But** no-profit private research bodies participating in a project proposal must send, by the application deadline, copy of the documents stating their research mission (statute and/or articles of incorporation or memorandum of association, etc.) to this following PEC:

aoo.cosvir@pec.politicheagricole.gov.it (Office DISR IV)

specifying in the object "ICT AGRIFOOD Cofund joint Call 2019 - documenti bando – ente privato".

After the funding decision, and the official communication by the Call Office to the coordinator of the winning projects, Mipaaf DISR4 will request to each Italian research unit of the selected projects to fill in the national template necessary to apply for the granted contribution.

These forms must be written in Italian and follow the standing User's Manual and any other specifications reported in the letter that Mipaaf will send for the implementation of the national grant.

National/regional topic priorities:

Mipaaf funds research projects within all topics of the call with a total budget of 300.000 €

More details in the national/regional call announcement:

The call announcement is also at national website

https://www.politicheagricole.it/flex/cm/pages/ServeBLOB.php/L/IT/IDPagina/9079

LATVIA

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:

State Education Development Agency (VIAA) funds research projects within all topics of the call.

https://izm.gov.lv/lv/zinatnes-politika

More details in the national/regional call announcement:

http://viaa.gov.lv/lat/zinatnes_inovacijas_progr/era_net_proj/par_era_net/

THE NETHERLANDS

Funding Party:

Ministry of Agriculture, Nature and Food Quality

Ministerie van Landbouw,
Natuur en Voedselkwaliteit

Funding Programme:

ERA-net ICT-AGRI-FOOD

National/Regional Contact Point:

Ministry of Agriculture, Nature and Food Quality

contact person:	email:	telephone:
Sascha Bollerman	s.bollerman@minlnv.nl	0031655423116
Frans Lips	f.lips@minlnv.nl	0031615086521

Eligibility criteria:

Minimum and/or maximum project duration:
Projects may last up to 36 months, which implies the funding has to be budgeted and spent accordingly. Extensions are not allowed in this phase. Terms and Conditions: the conditions of "ARVODI- 2018" will be applied. The funding from the ministry will be 1.000.000 euro in total for duration of the ERA-net.

Minimum and/or maximum funding per project:
The maximum requested budget per partner amounts to 250.000 EUR (incl. overhead).

- Funding will be awarded as non-repayable project grant.
- Eligible applicants are Dutch universities, universities of applied sciences, non-university research institutions, knowledge organizations (research and knowledge-dissemination organisations), SMEs and Large Enterprises domiciled in The Netherlands.
- Non-eligible Dutch partners (e.g. private companies, foundations) may participate in a consortium at their own expense (i.e. as non-funded partner). These partners should provide written confirmation of their participation using the format provided by ICT-AGRI-FOOD.

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. Ministry of Agriculture, Nature and Food Quality funds therefore research projects within all topics of the call:

- TOPIC 1 - Data-Driven ICT platforms and solutions to improve sustainability of Agri-Food Systems
- TOPIC 2 – Identify and address barriers for adoption of ICT technologies in the Agri- Food Systems

More details in the national/regional call announcement:

https://www.rvo.nl/era-net-ict-agri-food

NORWAY

Funding Party:

The Research Council of Norway (RCN)

Funding Programme:

BIONAER - Sustainable Innovation in Food and Bio-based Industries, national funding programme. National website: https://www.forskningsradet.no/en/about-the-research-council/programmes/bionar/

National/Regional Contact Point:

The Research Council of Norway (RCN)

contact person:	email:	telephone:
Tina Rebecca Hov-Gylthe	trhg@rcn.no	+47 22037096
Anicke Brandt-Kjelsen	anb@rcn.no	+47 95999540

Eligibility criteria

Who can be eligible for funding?

The funding provided by Norway is from a programme that has responsibility for research on the agricultural sector, land-based and bio-based industries, including bioresources, food processing and the food industry. Projects eligible for funding must target bio-based industries.

The RCN can fund projects that fall within fundamental research (F), industrial research (I) and experimental development (D).

The RCN can fund projects where the Norwegian coordinator/partner is a Norwegian research organisation or company while Norwegian companies/trade and industry organizations and Norwegian research organisations can be partners or subcontractors.

If project support from the Research Council of Norway is awarded to a company, or "undertaking" (i.e. an actor that carries out an economic activity consisting of offering products or services on a given market), the aided part of the research and development project is set by the State Aid Rules; https://www.forskningsradet.no/en/apply-for-funding/funding-from-the-research-council/Conditions-for-awarding-state-aid/

To ensure that support is awarded in compliance with the state aid rules, the Research Council of Norway asks relevant applicants selected for conditional allocation of funding to provide supplementary information. The Project Owner must be able to document that its own institution and all its partners (all recipients of state aid) are eligible to receive state aid.

Open access

The Research Council of Norway has stipulated requirements relating to self-archiving and open access to scientific articles produced in connection with R&D projects funded by the Council. Read more about The Research Council's Principles for Open Access to Scientific Publications https://www.forskningsradet.no/en/about-the-research-council/forskningspolitikk/open-science/policy-for-open-science/

Other issues

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

Norwegian project partners will sign a separate contract with the RCN. Norwegian partners that are coordinators of the projects will be asked to also coordinate the Norwegian partners of the projects.

The budget for the Norwegian partners shall follow RCN regulations.

According to Article 20.6 of the Annotated Model grant Agreement (http://www.iprhelpdesk.eu/news/horizon-2020-updated-annotated-model-grant-agreement-available), the budget applied for must be stated in Euro and the conversion rules as stated in article 20.6 of the Annotated Model Grant Agreement should be applied.

Project partners of funded projects will be requested to submit national application forms to The Research Council of Norway after notification.

Projects in which partner from Norway is only responsible for demonstration actions cannot be supported by RCN.

National/regional topic priorities:

The Research Council of Norway (RCN) funds research projects within all topics of the call, as long as the project are in line with the BIONAER program priorities.

More details in the national/regional call announcement:

National info meeting webinar 15.01.2020 at 10:00 – 11:00

POLAND

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:

National Centre for Research and Development (NCBR)

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 (research and knowledge-dissemination organisations);
-        Micro, Small, Medium and Large Enterprises;
-        Group of entities (within the meaning of art. 37 section 1 point 1a of The Act of 30 April 2010 on the National Centre for Research and Development, published in Journal of Laws item 1770, 2019;)

Additional eligibility criteria

-        Organization must be registered in Poland.
-        For enterprises it is strongly advised to state in the Pre-proposal application form in table for Project coordinator/Project partner, in the row "Other information": the KRS number of the enterprise and the size of the enterprise (micro/small, medium, large).
-        A condition for the participation of a group of entities as the Applicant in the competition is its formal existence on the date of submission of the pre-proposal, confirmed by its members concluding, at least conditionally, agreement on the creation of a group of entities.
-        Please note that group of entities counts as two project partners from Poland (it meets the limit on the number of participants from the same country, please see call text for details).

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. **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;
3. **operating costs** including:
   - **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;
   - **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;
   - **other operating costs** including costs of materials, supplies and similar products incurred directly as a result of the research activity;
4. **additional overheads** incurred indirectly as a result of the research project; that costs should account 25% of all eligible project costs; That costs (4) are counted as a multiplication by percentage given above (called x%) and the rest of direct costs, excluding subcontracting (2); It means 4=(1+3)* 25%.

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	Up to 50+10+15	Up to 50+20+15	Up to 100 %

	(max 65 %)	(max 75 %)	(max 80 %)	
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.

According to Article 20.6 of the Annotated Model grant Agreement (http://www.iprhelpdesk.eu/news/horizon-2020-updated-annotated-model-grant-agreement-available), the budget applied for must be stated in Euro. 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.

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

• The Act of 20 July 2018 - Law on Higher Education and Science, published in Journal of Laws item 1668 as amended;

• The Act of 30 April 2010 on the National Centre for Research and Development, published in Journal of Laws from 2018 item 1249 as amended;

• 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 Law from 2015, item 299, which is in line with the Commission Regulation (EU) No 651/2014 of 17 June 2014 declaring certain categories of aid compatible with the internal market in application of Articles 107 and 108 of the Treaty (General Block Exemption Regulation);

-                                       The Regulation of the Minister of Science and Higher Education of 17 September 2010 on the detailed mode of performance of tasks of the National Centre for Research and Development, published in Journal of Laws No. 178, item 1200.

National/regional topic priorities:

National Centre for Research and Development (NCBR) funds research projects within all topics of the call,

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More details in the national/regional call announcement:

Useful links:

https://www.ncbr.gov.pl/programy/programy-miedzynarodowe/wspolpraca-wielostronna/inicjatywy-typu-era-net/nauki-rolnicze/

ROMANIA

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:
Domnica Cotet	domnica.cotet@uefiscdi.ro	+4021 302 38 80
Cristina Cotet	cristina.cotet@uefiscadi.ro	+40 21 302 38 84
Luciana Bratu	luciana.bratu@uefiscdi.ro	+40 21 302 39 87

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.   Equipment (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

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National/regional topic priorities:

The Executive Agency for Higher Education, Research, Development and Innovation Funding (UEFISCDI) funds research projects within all topics of the call,

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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.

SPAIN - Andalusia

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@corporaciontecnologica.com	+34 954461352

Eligibility criteria:

CTA funds R&D and Technological Innovation business projects submitted by companies in order to enhance their competitiveness. Projects must include applied research, experimental development or innovation activities.

Applicants and beneficiaries: companies, located in Andalusia

Projects must contain applied research (TRL 1-5), experimental development (TRL 6–7) or innovation activities (TRL 8-9)

Subcontracting: 10% of total budget is required to be subcontracted to a Research group from Andalusian University or Andalusian Research Institute

Length of project: 36 months maximum

Project budget: 30.000€ minimum

Eligible Costs: staff, material, durables and equipment depreciation, overhead, subcontracting

Granted activities must have an impact in Andalusia.

Funding conditions:

Funding rate depends on excellence of the proposal:

Evaluation Score	Funding		
	Industrial research project	Development project	Innovation project
90-100	50%	50%	40%
85-89	47,5%	47,5%	38%
80-84	45%	45%	36%
75-79	42,5%	42,5%	34%
70-74	40%	40%	32%
65-69	37,5%	37,5%	30%
60-64	35%	35%	28%
55-59	32,5%	32,5%	26%
50-54	30%	30%	24%

Consortium with 2 partners from 2 independent Andalusian companies, can be beneficiary of a 5% improvement of its funding

Consortium with 3 or more partners from 3 or more independent Andalusian companies, can be beneficiary of a 10% improvement of its funding

Maximum amount funded will be:

-        60% of eligible costs of the project, for R&D projects

-        50% for innovation projects.

65% of funding will be reimbursable over 10 years from the center of gravity of the project, without allowance. Repayment will start 3 years after the breakeven point of the project.

35% of funding will be a non-reimbursable part.

Final funding decision will be taken by Executive Committee of CTA. Bank guarantee could be requested to beneficiary depending on its financial solvency.

National/regional topic priorities:

Technology Corporation of Andalusia funds research projects within all topics of the call,

More details in the national/regional call announcement:

https://www.corporaciontecnologica.com/es/herramientas/

SWEDEN

Funding Party:

The Swedish Research Council - Formas

FORMAS

Funding Programme:

not specified

National/Regional Contact Point:

Formas

contact person:	email:	telephone:
Jessica Ekström	jessica.ekstrom@formas.se	+46 8 775 41 42

Eligibility criteria:

Committed budget and maximum funding per partner

The Swedish Research Council Formas has committed 875 000 Euro in total over 3 years to this call.

The maximum amount which can be requested **by each proposal** with Swedish applicant(s) is limited to:

- €500.000,00 (if Swedish Coordinator)

- €300.000,00 (if Swedish Participants)

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.

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: Formas funds overhead costs according to the Swedish universities or institutions policies.
- Subcontracting: Total costs for the subcontractors including their overheads and premises costs.
- Requested funding: Total costs
    €500.000,00 (if Swedish Coordinator)
    €300.000,00 (if Swedish Participants)
    According to Article 20.6 of the Annotated Model grant Agreement (http://www.iprhelpdesk.eu/news/horizon-2020-updated-annotated-model-grant-agreement-available), the budget applied for must be stated in Euro and the conversion rules as stated in article 20.6 of the Annotated Model Grant Agreement should be applied.

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.
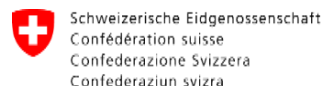
National/regional topic priorities:

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

More details in the national/regional call announcement:

not available

SWITZERLAND

Funding Party:

Federal Office for Agriculture (FOAG)

Funding Programme:

not specified

National/Regional Contact Point:

FOAG

contact person:	email:	telephone:
Nora Sauter	nora.sauter@blw.admin.ch	+41 58 467 41 03
Astrid Willener	astrid.willener@blw.admin.ch	+41 58 460 52 55

Terms and conditions
- Funding for Swiss partners in an ERA-Net ICT-AGRI-FOOD consortia is granted according to national regulations.
- The application must be in accordance with the Swiss legal regulations for animal research and research with genetically modified organisms.
- An electronic copy of the pre-proposal and of the full proposal must be sent to the National Contact Point no later than the closing date for pre-proposals and full proposals respectively.

Eligibility
- Eligible are persons working for public and private research institutions as well as small and medium enterprises (SME), if they are legally established in Switzerland.
- This is also applicable for subcontractors (subcontractors need to be clearly defined in the proposal).
- Subjects should not be redundant (e.g. with other subjects already funded on Swiss territories).

Funding
- The overall funding amount given by FOAG for Swiss partners is EUR 545 450 (approx. CHF 600 000).
- The requested amount for each Swiss applicant shall not exceed EUR 162 000 (approx. CHF 180 000).
- According to Article 20.6 of the Annotated Model grant Agreement (http://www.iprhelpdesk.eu/news/horizon-2020-updated-annotated-model-grant-agreement-available), the budget applied for must be stated in Euro and the conversion rules as stated in article 20.6 of the Annotated Model Grant Agreement should be applied.
- Funding from FOAG is limited to 75% of the total reported costs of the Swiss partner.

- The remaining costs must be covered by own resources of the applicant or any other third party.
- Budget for salary for permanent, full-time positions in public institutes (such as Agroscope and Universities) is not allowed (but can be considered as own contribution, i.e. being part of the 25% of total costs not covered by FOAG).
- Funding does not cover expeditures for activities carried out before the project has been granted, e.g. for the preparation of the pre-proposal or full proposal.
- Additional funding will not be provided after project completion.
- The formalities of each contribution will be regulated in a contract between the FOAG and the corresponding research partner.
- First payments will be available from spring 2021.

National/regional topic priorities:

FOAG funds research projects within all topics of the call

More details in the national/regional call announcement:

National regulations are stated in the "Verordnung über die landwirtschaftliche Forschung (VLF) vom 23. Mai 2012" (https://www.admin.ch/opc/de/classified-compilation/20120280/index.html).

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

TURKEY

Funding Party:

The Scientific and Technological Research Council of Turkey (TUBITAK)

Funding Programme:

ARDEB 1071 - Support Programme for Increasing Capacity to Benefit from International Research Funds and Participation in International R&D Cooperation

https://www.tubitak.gov.tr/sites/default/files/3125/ar-ge_ve_yenilik_bilgi_notu.pdf

Projects in which partner from Turkey is only responsible for demonstration actions cannot be supported by TUBITAK.

National/Regional Contact Point:

contact person:	email:	telephone:
Meltem Soydan Karabacak	meltem.soydan@tubitak.gov.tr	+90 312 298 1264
Kamil Öncü Şen	oncu.sen@tubitak.gov.tr	+90 312 298 1809

Eligibility criteria:

The budget requested from TUBITAK by the Turkish partners involved in the same project can be maximum **1.500.000 TL** excluding Project Incentive Bonus (PTI) and overhead costs. For each Turkish partner in the project team, budget limitations below should be used;

- The maximum funding per project for Turkish partners from Universities (public and private), research institutes, and public institutions is **720.000 TL**. This amount excludes Project Incentive Bonus (PTI) and overhead costs.

- The maximum funding per project for Turkish partners from private corporations is **1.000.000 TL** for Turkish partners. This amount excludes overhead costs.

According to Article 20.6 of the Annotated Model grant Agreement (http://www.iprhelpdesk.eu/news/horizon-2020-updated-annotated-model-grant-agreement-

available), the budget applied for must be stated in Euro and the conversion rules as stated in article 20.6 of the Annotated Model Grant Agreement should be applied.

Percentage of Funding:

Universities (public and private), research institutes and public institutions: %100 of budget of the project will be funded by TUBITAK.

Large-size Enterprises: %60 of budget of the project will be funded by TUBITAK.

Small and Medium-size Enterprises: %75 of budget of the project will be funded by TUBITAK.

Eligibility of Project Team:

Principal Investigator*, Researchers and Advisors:

University personnel should have a PhD degree,

Those working in a public institution or a private corporation should have an undergraduate diploma,

The Principal Investigator (PI) of Turkish team should be the permanent staff of the organization making the project proposal,

The PI and researchers (Co-PI) should reside and work in Turkey (Foreign nationals can be PI/researcher in the projects if they are working in an organization in Turkey),

A researcher should have a contribution of at least 10% of the project workload,

An advisor is allowed if the project requires special expertise on a specific subject. The number of advisors in a project is limited to the number of specific subjects in the project. The role of advisor in the projects should be explained in detail in the project proposal

For detailed information, please look at national call announcement.

*University presidents and vice presidents, surgeon generals, vice surgeon generals, hospital presidents, institution/company presidents, and institution/company vice presidents are not allowed to be PI.

Eligible Costs: Eligible types of funding under this programme are limited to personnel costs, travel and subsistence, equipment that would be used for R&D purposes, consumables and subcontracting/services need for R&D work. Projects intended to build infrastructure cannot be supported.

National Application: Project coordinator of consortium must send English application form to call secretariat via online application tool. At the same time, project coordinator of Turkish team in the consortium must apply 1st stage via project application system of TUBITAK by using Turkish application form available on project application system of TUBITAK (uidb-

pbs.tubitak.gov.tr). All Turkish partners in the same international project should submit one application form to national application system.

If the Turkish team is invited for the 2nd stage, same procedure is to be followed by project coordinator of the Turkish team.

For further information, applicants should follow the announcements regarding this call under the official website of TUBITAK.

National/regional topic priorities:

None

More details in the national/regional call announcement:

https://www.tubitak.gov.tr/sites/default/files/3125/ict_agri_food_1071_ar-ge_ve_yenilik_projeleri_surec_dokumani.pdf

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

Annex F: ICT-AGRI-FOOD 2019 Joint Call Data Privacy Notice

By submitting an application to the ICT-AGRI-FOOD 2019 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 ICT-AGRI-FOOD 2019 Joint Call;

- reporting to the European Commission/ Research Executive Agency (REA) on the ICT-AGRI-FOOD 2019 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 ICT-AGRI-FOOD consortium 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 ICT-AGRI-FOOD consortium 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 ICT-AGRI-FOOD consortium 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 2019 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 ICT-AGRI-FOOD 2019 Joint Call Communication. The information will be published with prior consent of the respective management bodies.

Annex G: 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 ICT-AGRI-FOOD 2019 Joint Call or

- based in participating countries but do not seek funding from the participating Funding Parties.

*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**. This letter should be submitted electronically with the proposal through the Online Submission Tool: https://www.ictagrifood.eu*

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

ICT-AGRI-FOOD 2019 Joint Call

Letter of Commitment

City, Date ………………….

We hereby confirm that (Organisation Name) …………………………………………………………………………………

Has sufficient resources and is committed to participating in the project

(project title) …….

In accordance with the proposal which is submitted by

(coordinator name) ……..

Annex H: Guidelines for applicants 2019

CALL FOR PROPOSALS
GUIDELINES FOR APPLICANTS 2019

Transnational, collaborative, inter-/transdisciplinary research projects on ICT-enabled agri-food systems

24th October 2019

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Introduction

Preparatory steps

Stage 1

- **Criterion of proposal**
- **Working on your proposal/application**

Stage 2

Key documents

Purpose of this document

The purpose of this guideline is to provide practical information to potential applicants in preparing and submitting an application for a project proposal for the ICT-AGRI-FOOD 2019 Joint Call.

In order to be able to apply for the call, the applicant must register to get access to the web-based Online Submission Tool for preparing, uploading and submitting a pre-proposal or a full-proposal.

This document supplements the 2019 Joint Call Announcement (please see "Call Documents" at https://ictagrifood.eu/node/40178). It provides all of the additional information needed to submit a proposal successfully.

PRE- AND FULL PROPOSALS MUST BE SUBMITTED ONLINE BY THE RESEARCH CONSORTIUM COORDINATOR THROUGH THE ICT-AGRI-FOOD ONLINE SUBMISSION TOOL AT:

HTTPS://ICTAGRIFOOD.EU

Pre-proposals by 03rd March 2020 (13:00 CET, Berlin time)

Full-proposals by 06th July 2020 (13:00 CEST, Berlin time)

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 to the deadline due to last minute technical problems will not be considered.

Introduction

The submission procedure will be organised in two stages:

• Stage 1: Pre-proposal

• Stage 2: Full-proposal

This two stage approach will first entail submission of the pre-proposal. Only applicants with the best ranked pre-proposal will be invited to submit a full-proposal.
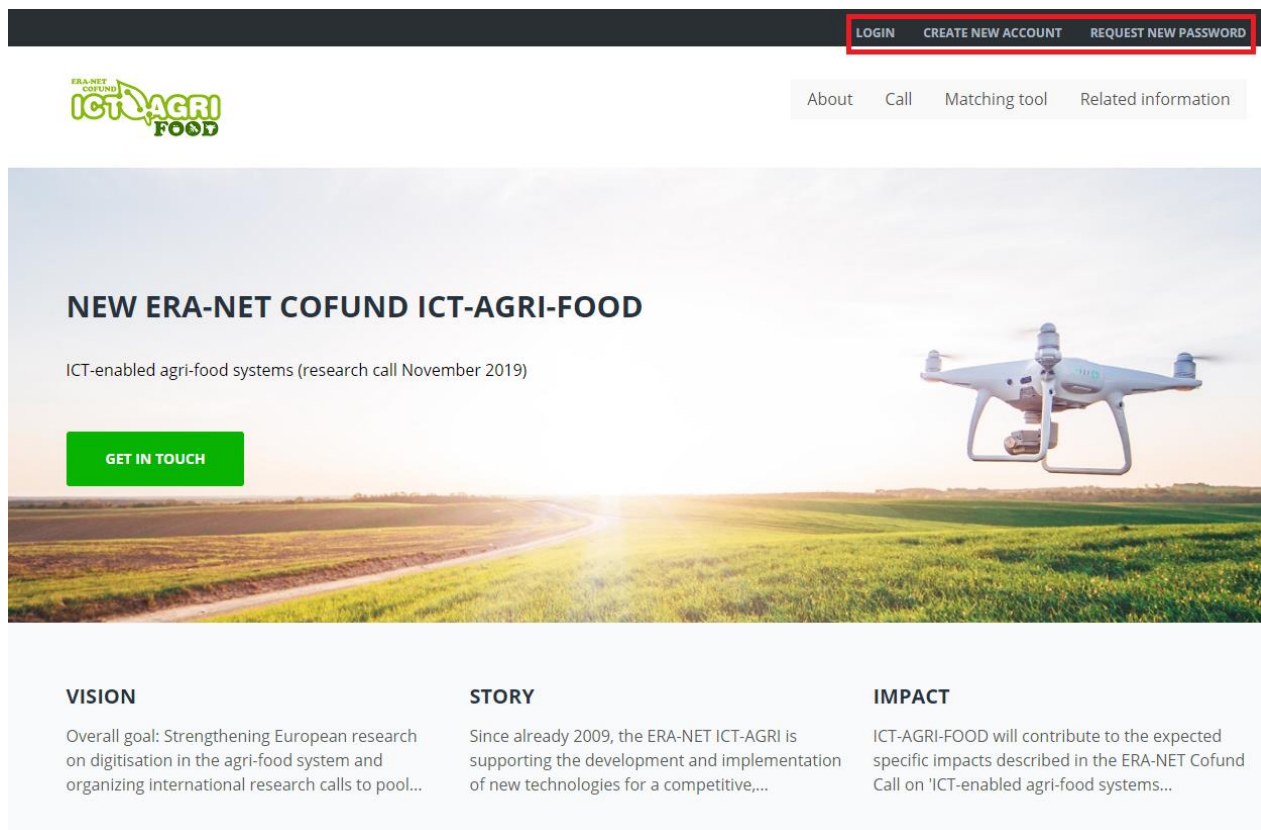
Preparatory steps

Registration

An applicant first needs to create an user account to get access to the web-based Online Submission Tool for preparing, uploading and submitting a proposal.

The registration tool can be found in the upper right corner of the ICT-AGRI-FOOD website (https://ictagrifood.eu/).

Your full name, email and country entered in the registration form are used to identify you in the applications to the call.

FIGURE 1 WEBSITE VIEW - REGISTRATION PORTAL

Make sure you use a valid e-mail address, as the password will be mailed to you.

ICT-AGRI-FOOD needs to validate your data before providing access to the web-based ICT-AGRI-FOOD application. Therefore, make sure to register at least 48 hours before submission.

Personal data

We invite you to fill in your personal profile. You need to register the organisation or the company you belong to (if not registered yet). In the profile's CV you can add your professional expertise and interests. Take care to include words you would like to be found by, when other people are searching.

The information about your organisation or company connected to your profile is used to identify your organisation or company in applications to the call.

The ICT-AGRI-FOOD has an online register of the organisations participating in various EU programmes. This allows consistent handling of different organisations' official data and avoids multiple requests of the same information.

If you don't want to be found in the website, you can disable "Show my data" in your account settings.

You can participate in proposals to the call even if "Show my data" is disabled. Your personal data will then only be shown in connection with elaboration and evaluation of the application.

Your email address is never exposed even if "Show my data" is enabled. You can only be contacted via a contact form showing your name.

Stage 1

Creation of an application

After completing or editing your personal profile, you may start or proceed preparing your grant application. Select the tab 'applications' in the upper bar. To continue preparing an existing application proposal[4] to the call.

Alternatively, if you have already developed a project consortium, you can set your User Group visibility to Private from the outset to work on the application in confidence with your project partners.

Public / Private can be reset during the elaboration of the proposal. In both proposal types, internal communication and memberships are confidential. Files uploaded to the proposal are secured against unauthorised access

N.B.: THE IDENTITY OF CONSORTIUM PARTNERS IN PROPOSALS IS NOT DISCLOSED PUBLICLY.

Working on your application

To access your proposal in order to work on the content, complete the following steps:

- Click on *My Consortia*
- Click on the *Workspace* link on the proposal on which you are working
- On the Application bar on the right hand side you can then choose the following links:

About   Call   Matching tool   Related information

HOME

Call: ICT-AGRI-FOOD 2019 Joint Call

Application ID:

Coordinator:

This proposal is **Private** Edit group page

Note: Additional information about the application will apear once the coordinator has created the project-info file through the "edit application" page.

APPLICATION

- Home
- Manage partners
- Edit application
- Upload DOW
- Submit application
- View application
- Close workspace

FIGURE 2 WEBSITE VIEW - HOME PAGE

Please take care that you login with the right account and that you work on the right proposal.

Manage partners

The project partners (consortium) are selected among the proposal group members. Each project partner must be a legal entity represented by one person. Contact data of this person, partner information and partner budget must be provided.

MANAGE PARTNERS

The partners represented by a person, who is a user on this website.

Enter some letters of the partner's real name into the autocomplete text field and click on the name in the suggestions

Select user by real name

ADD USER

Name	State	Roles	Member since	Request message
⦿	Active	• project coordinator	4 min ago	

Operations   - Select -   EXECUTE

APPLICATION

• Home

• Manage partners

• Edit application

• Upload DOW

• Submit application

• View application

• Close workspace

FIGURE 3 WEBSITE VIEW -PARTNERS MANAGEMENT

The project coordinator must provide project information and is responsible for submitting the application. The project coordinator selects users as representatives of project partners. The coordinator can edit all partner information and partner budgets. The project coordinator can also delegate editing rights to a project editor.

Edit application

EDIT APPLICATION

Group: My Consotia

Member	Role	Project-info	Partner-info	Partner-budget
	project coordinator	Create	Create	Create

APPLICATION

• Home

• Manage partners

• Edit application

• Upload DOW

• Submit application

• View application

• Close workspace

FIGURE 4- WEBSITE VIEW - APPLICATION EDITION

a) Project info

The Project info template must be filled in by the project coordinator and contains the following fields:

- Project title
- Project acronym
- Publishable Summary
- Duration (months)
- Topic
- Keywords
- Project´s focus and added value
- Up to 3 experts (by name) not to evaluate the proposal

FIGURE 5 WEBSITE VIEW - PROJECT INFO

b) Partner info

The Partner info template must be filled by each partner. The coordinator can create and edit Partner info.

The template contains the following fields:

- Name of the Partner organisation
- Acronym
- Role and responsibilities (Main role of organisation in the project and names of individuals involved in the implementation of tasks)
- Description
- References

FIGURE 6 WEBSITE VIEW - PARTNER INFO

c) Partner budget

The Partner budget template must be filled by each partner. The coordinator can create and edit Partner budgets.

The Partner budget templates are tailored to the conditions of the Funding Agencies participating in the call. The creation of each Partner budget is performed in five steps:

- Select the appropriate Funding agency from a drop down menu showing Funding Agencies from the partner's country
- Enter the total funding requested by the partner to the funding organisation (where applicable)
- Fill in budget figures for given eligible cost items as outlined by the Funding agency. Budget figures include total budget and requested budget
- Provide a short explanation for each budget item
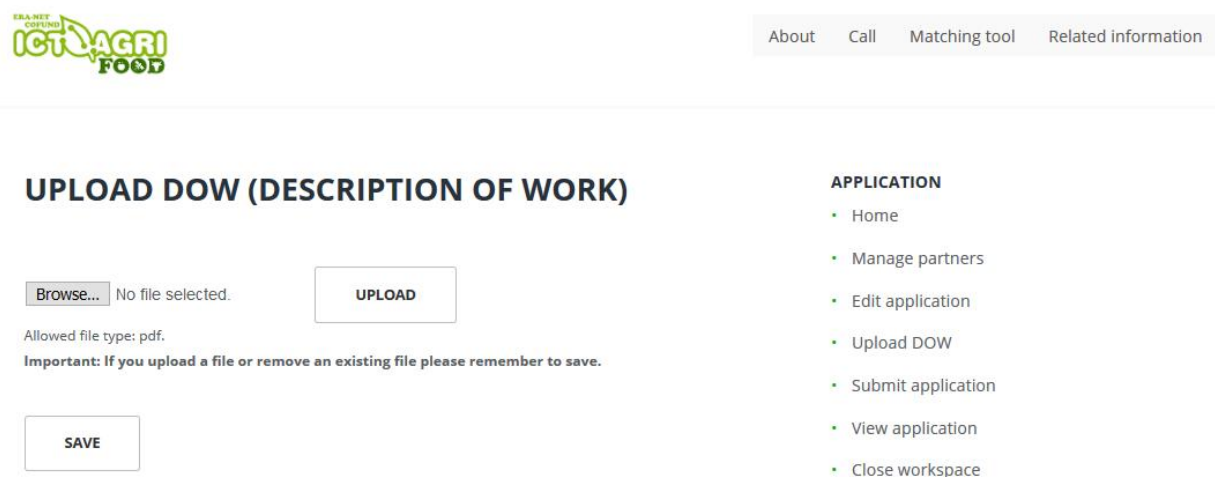
FIGURE 7 WEBSITE VIEW - PARTNER BUDGET

Upload Description of Work

The "Description of Work" template is a MS Word document (provided in the Call Documents) to be filled in and uploaded as a single pdf file to the submission system by the coordinator.

When uploading the Description of Work, remember to press "Save".

Submit application

The coordinator is required to submit the application before the submission deadline. Only applications submitted before the submission deadline (pre-proposals: **03rd March 2020 13:00 CET, Berlin time**) will be considered for selection. Requests for extensions to the deadline will not be considered.

The coordinator will receive an email confirmation of the submission.

About   Call   Matching tool   Related information

SUBMIT APPLICATION

☐ Submit application.

SUBMIT

APPLICATION

- Home
- Manage partners
- Edit application
- Upload DOW
- Submit application
- View application
- Close workspace

Figure 9 Website view - Submission

Stage 2

For the 2nd stage, you will be asked to add additional information in your description of work document and to be uploaded in the submission tool.

Key documents

DOW.Pre-proposal.docx

DOW.Full-proposal.docx