

## CALL FOR PROPOSALS

### International Coordination of Research on Infectious Animal Diseases (ICRAD)

#### “One Health Approach to Zoonoses Research and Innovation”

Deadline for submission of proposals:

**15th December 2021, 15:00 CET (Berlin)**

This document announces the second international call on infectious animal diseases within the framework of the International Coordination of Research on Infectious Animal Diseases (ICRAD) ERA-NET<sup>1</sup>.

The main purpose of this call is to support multi-disciplinary research and innovation that will adopt a One Health approach to understand zoonoses by focussing on animal-human-environment interface.

**Consortia must include a minimum of 3 partners from a minimum of 3 different countries, and a maximum of 8 partners. The consortium cannot include more than two partners from one country. Cross-sectorial and industry involvement are encouraged.**

**Applicants must respect eligibility rules of the call and the national/regional rules and regulations of their respective national/regional funding organisation as outlined in section 5 and Annex I of this document. In some cases, additional application to the national/regional organisation is necessary. Applicants are strongly advised to check the national/regional regulations provided in Annex I and to contact their funding contact points.**

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ICRAD webpage: [www.ICRAD.eu](http://www.ICRAD.eu)

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## Definitions

- The **Call Secretariat (CS)** is the central contact point for applicants and evaluators regarding all technical and general issues of this call.
- The **Funders Consortium (FC)** is the decision-making body of this call and consists of one representative of each participating Funding Organisation.
- The **Funding Contact Person (FCP)** is a person nominated by each participating Funding Organisation to provide information on national/regional funding rules and procedures for their institution.
- The **Evaluation Secretariat (ES)** is responsible for the management of the evaluation.
- The **International Scientific Evaluation Committee (ISEC)** is an independent expert group that will be assigned by the ES to the evaluation of the submitted pre-proposals and full proposals in the call.
- A **rapporteur** is a member of the ISEC who shall report on a proposal during the ISEC evaluation meetings.

## Abbreviations

- APC: Article Processing Charges
- CS: Call Secretariat
- EC: European Commission
- ES: Evaluation Secretariat
- EU: European Union
- FC: Funders Consortium
- FCP: Funding Contact Person
- ICRAD: International Coordination of Research on Infectious Animal Diseases
- IPR: intellectual propriety rights
- ISEC: International Scientific Evaluation Committee
- OA: Open Access
- OIE: World Organisation for Animal Health
- SCAR-CWG-AHW: Standing Committee on Agricultural Research – Collaborative Working Group on European Animal Health and Welfare Research
- STAR-IDAZ: Global Strategic Alliances for the Coordination of Research on the Major Infectious Diseases of Animals and Zoonoses.

## 1. Background

Pathogen emergence is a regular event that is accelerating through the interplay of complex factors, e.g. globalisation, the expansion and changing management of agri-environments, mobility and trade and the infringement and degradation of wider ecosystems. Scientists estimate that more than 6 out of every 10 known infectious diseases in humans may originate from animals, and that 3 out of every 4 new, emerging infectious diseases in people come from animals.

COVID-19 health crisis highlights how people and nature are interlinked, and how the human impact on the natural world may increase the risk of future pandemics. In our increasingly globalized world, the probability is higher than ever that a new disease becomes a global pandemic, with serious consequences for health, welfare, economies and ecosystems.

The emergence of SARS-CoV-2 represents one of an increasing number of infectious disease threats, including the continuing risk of H1N1 pandemic influenza, and avian Influenza. New and re-emerging infectious diseases (e.g. Brucellosis, prion diseases, and Anthrax) including vector-borne diseases (e.g. West Nile virus, Leishmaniasis and Lyme disease) constitute a persistent threat for mankind and animals. There is an urgent and continuing need for new ways for detection, management, prevention and control (vaccines and diagnostics).

The following Funding Organisations are participating in this call for multilateral research projects:

1. National Agricultural Technology Institute, INTA, Argentina
2. Federal Public Service Health, Food Chain Safety and Environment (FPS Health), Belgium
3. The Fund for Scientific Research – FNRS (F.R.S.-FNRS), Belgium
4. The Research Foundation – Flanders (FWO), Belgium
5. Ministry of Food, Agriculture and Fisheries, Danish AgriFish Agency (DAFA), Denmark
6. Ministry of Rural Affairs (MEM), Estonia
7. Agence Nationale de la Recherche (ANR), France
8. Federal Ministry of Food and Agriculture (BMEL) represented by the Federal Office of Agriculture and Food (BLE), Germany
9. Hellenic Agricultural Organization (DIMITRA), Greece
10. Department of Agriculture, Food and the Marine (DAFM), Ireland
11. Ministry of Health (MoH), Italy
12. State Education Development Agency (VIAA), Latvia
13. Ministry of Agriculture of the Republic of Lithuania (ZUM), Lithuania
14. Ministry of Agriculture, Nature and Food Quality (MINLNV), The Netherlands
15. Narodowe Centrum Badań i Rozwoju (NCBR), Poland
16. Ministry of Science and Higher Education (MSHE), Russia
17. Agencia Estatal de Investigación, (AEI), Spain
18. The Swedish Research Council for Environment, Agricultural Sciences and Spatial Planning (FORMAS), Sweden
19. Ministry of Agriculture and Forestry, General Directorate of Agricultural Research and Policies (TAGEM), Turkey
20. The Scientific and Technological Research Council of Turkey (TUBITAK), Turkey
21. The Secretary of State for Environment, Food and Rural Affairs (DEFRA), UK
22. UKRI Biotechnology and Biological Sciences Research Council (UKRI-BBSRC), UK

## 2. Scope of the Call

The overall goal of this ICRAD call is to support cross-cutting research and innovation to better understand zoonoses focussing on the animal-human-environment interface and by developing novel vaccine and diagnostics technology platforms to improve animal health and by consequence animal welfare.

The majority of emerging infectious diseases have their source in animals, and emergence occurs at the animal/human interface - infections in animals breach the species barrier to infect humans or vice-versa. **Preventing the emergence of zoonoses at source by understanding and mitigating the factors, or determinants, that influence primary infection and transmission is an important aim within scope of this call.**

This call will cover viral, bacterial, parasitic, prion and fungal infections. An important focus will be on the role of wildlife and other vectors (including arthropod) in the (re)-emergence and transmission of zoonotic pathogens to livestock. Insights in transmission (routes) might lead to appropriate disease surveillance and control, further contributing to animal health.

There is a need to better understand the biology and genetics of infection: pathogen and vector biology, host immunology, ecology, and cross-sector/species epidemiology will support the understanding of disease emergence and pandemic risk. Fundamental research across and between these disciplines will aid the development of intervention strategies and potentially improve the health and welfare of animals and humans worldwide.

A collaborative approach between academic and industry sectors is advantageous for understanding, management of zoonoses and developing new vaccine and diagnostic technology platforms or for extending research to improve currently available platforms. Veterinary vaccines, management practices, diagnostic tests and associated platform technologies play a fundamental role, to better understand disease process and its control in the animal sector with associated benefits to public health in respect of zoonoses and pandemic risk.

Data sharing, integration and analysis play an important role in the development of new tools to accelerate the identification of outbreaks, enabling rapid response and thus reducing the spreading of diseases, to enlarge the window of detection and intervention. This should be done in coordination with existing data sharing systems. Data management should follow FAIR guidelines outlined by the European Commission<sup>2</sup>.

### Objectives

The overall objective is to increase preparedness to (re)-emerging zoonotic diseases and ability to respond to zoonotic threats and contribute to improved animal and public health.

Research and innovation funded through ICRAD should seek a concerted approach towards the development of novel and/or improved instruments to understand and control zoonoses, including detection, management, intervention and prevention strategies to:

- **Understand (re)-emergence of pathogens** with zoonotic potential focusing on causes of pathogen (re)-emergence and factors (including vectors) that lead to

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<sup>2</sup> [h2020-hi-oa-data-mgt\\_en.pdf \(europa.eu\)](https://ec.europa.eu/health/h2020-hi-oa-data-mgt_en.pdf)

spill-over and maintenance of pathogens. Improved understanding of ecology, evolution, cross-sector/species epidemiology, genetic, transmission, and persistence of pathogens in the environment will inform management and mitigation strategies.

- **Understand animal host-pathogen interactions and the immune response:** Understanding immunological processes and pathways, and how they change during the course of infection will help understand disease progression, persistence, clearance, and replication of pathogens, and to tailor intervention strategies accordingly.
- **Develop detection and prevention platforms:** Supporting the development of novel diagnostic and vaccine technology platforms will ensure preparedness for future disease outbreaks.

## Call Topics

The ICRAD *One Health approach to zoonoses* call covers the major groups of infectious diseases of animals, caused by viral, bacterial, parasitic, prions and fungal pathogens.

This call for research is open to international research proposals addressing one or more objectives under the following two Research Areas taking into account the exclusions mentioned on page 8.

Proposals may use priorities identified under OIE<sup>3</sup>, in EU animal health law<sup>4</sup>, or by the SCAR Collaborative Working Group on Animal Health and Welfare<sup>5</sup>, DISCONTTOOLS<sup>6</sup>, or the STAR-IDAZ International Research Consortium<sup>7</sup>.

## Research Area 1: Improved understanding of animal-human-environment interface

### a. Pathogen (re-)emergence and Host Adaptation

The focus here should be on research to support the understanding of how pathogens (re-)emerge such as highly pathogenic influenzas. However, all pathogens that pose a zoonotic risk are important. Potential areas of interest could be:

- Occurrence of spill-over (one occasion vs. risk of continued spill-over)
- Molecular determinants that control host adaptation of pathogens
- Pathogen persistence and prevalence in various host species including pathogen seasonality
- Pathogen persistence in natural hosts without inducing clinical signs
- Mechanism and changes in pathogen transmission dynamics within and between species
- Genomics research linking genetic changes to differences in phenotype
- Modalities of transmission between species
- Research to determine upcoming zoonotic threats and assess the risk and severity of a possible outbreak
- The role of host, wildlife, vectors, environment and other reservoirs under different epidemiological scenarios

### b. Host/Pathogen Interactions

<sup>3</sup> <https://www.oie.int/en/what-we-do/animal-health-and-welfare/animal-welfare/>

<sup>4</sup> [Animal Health Law | Food Safety \(europa.eu\)](#)

<sup>5</sup> [SCAR \(scar-europe.org\)](https://scar-europe.org/)

<sup>6</sup> [Discontools - Home](#)

<sup>7</sup> [International Research Consortium on Animal Health \(STAR-IDAZ\)](#)



Research to better understand the host immune response, protective immunity, characterization of effective immune mechanisms in surviving animals, and mechanisms of persistence in the host.

## Research Area 2: Detection and Prevention

Research to support the development of novel and improved vaccine and diagnostic tools and platforms will be supported, as will research to assess the utility and efficacy of existing technology platforms in respect of new applications (new pathogens).

### a. Vaccine Technology Platforms

Robust and flexible vaccine platform technologies, fit for multiple, and rapidly changeable vaccine targets, can reduce the technical and regulatory time for vaccines against emerging pathogens. There is also a need for expansion, development and adjustment of **animal models** (e.g. to determine vaccine efficacy and safety in different species) and **non-animal models** (for example expand upon in vitro and in silico techniques, organoids, organ-on-chip and 3D cell culture).

Potential research areas of interest may include:

- Target areas within the pipeline of platform technologies, from antigen discovery and delivery through to immunological testing and enabling systematic evaluation and comparative analysis of platforms e.g. dose/duration/vaccination regime.
- Development of rapid response genetic protein sequence platforms (e.g. DNA and mRNA-based), particularly to utilise as 'plug and play' tools.
- Expand the range of antigen-delivery systems (adjuvants, vectors, etc).

### b. Diagnostic Technology Platforms

Novel and point of care diagnostic platforms are needed to accurately detect disease presence in animals. Although reagents are available to develop diagnostics in many animal species, these are not always practical in the field or effective at detecting the presence or exposure to pathogens. There are gaps for wild animal species which are important to address.

Potential areas of interest may include:

- **Multiplex serology**
  - Developing adequate testing to deal with pathogen and host diversity and co-infections and in field-based testing
- **Species independent testing**
  - Develop serology tests that are non-species specific and can be used in a wide range of environments
- **Pathogen specific testing**
  - Development of tests to monitor and detect circulating strains

### **Exclusions:**

The research funded through this call is to improve health of livestock, therefore, research that mainly focuses on the below **are not in scope of the call**:

- × improving human health
- × antimicrobial resistance (AMR)
- × companion animals
- × climate/ecology/environment
- × food-borne pathogens
- × animal welfare










### 3. Timeline



Submission of research project proposals	
1st October 2021	Launch of the call
First step: submission of pre-proposals	
15th December 2021, 15:00 CET	Deadline for pre-proposal submission
31st March 2022	Communication of eligibility check and evaluation outcomes to the research project coordinators
Second step: submission of full proposals	
15th April 2022	Full-proposal submission open
30th June 2022, 15:00 CEST	Deadline for full proposal submission
1st November 2022	Communication of the evaluation outcomes and the funding recommendation to the research project coordinators
National/Regional grant agreements	
1st quarter 2023	Start of research projects
Funded research project monitoring (estimated)	
4th quarter 2024	Mid-term report
3rd quarter 2026	Final report

## 4. Overview on funding opportunities

Please note that this table is for guidance to national/regional guidelines. **Applicants are recommended to verify priorities and eligibility with the Funding Contact Persons (ANNEX I).** Contributions are given in Million € (M€) e.g. 2.0 M€ = 2.000.000€.

Country	Funding Organisation	National/regional call contribution		Research Area	
		Total (M€)	max. per project (M€)	1	2
Argentina	 National Agricultural Technology Institute (INTA)	0.1	0.05	Yes	Yes
Belgium	 Federal Public Service Health, Food Chain Safety and Environment (FPS Health)	0.25		Yes	No
Belgium	 The Fund for Scientific Research – FNRS (F.R.S.-FNRS)	0.2	0.2	Yes	Yes
Belgium – Flanders	 The Research Foundation – Flanders (FWO)	0.35	0.35	Yes	Yes
Denmark	 Ministry of Environment and Food of Denmark (DAFA)	0.5	0.3	Yes	Yes
Estonia	 Ministry of Rural Affairs (MEM)	0.1	0.1	Yes	Yes
France	 French National Research Agency (ANR)	1.4	0.35	Yes	Yes
Germany	 Federal Ministry of Food and Agriculture (BMEL) represented by the Federal Office of Agriculture and Food (BLE)	1.0			

Country	Funding Organisation	National/regional call contribution		Research Area	
		Total (M€)	max. per project (M€)	1	2
Greece	 Hellenic Agricultural Organization (DIMITRA)	0.08		Yes	Yes
Ireland	 Department of Agriculture, Food and the Marine (DAFM)	0.6	0.3	Yes	Yes
Italy	 Ministry of Health (MoH)	0.32	0.16	Yes	Yes
Latvia	 State Education Development Agency (VIAA)	0.42	0.21	Yes	Yes
Lithuania	 Ministry of Agriculture of the Republic of Lithuania (ZUM)	0.14	0.14	Yes	No
The Netherlands	 Ministry of Agriculture, Nature and Food Quality (MINLNV)	0.3	0.3	Yes	Yes
Poland	 The National Centre for Research and Development (NCBR)	0.75	0.2 (per partner)	Yes	Yes
Russian Federation	 Ministry of Science and Higher Education of the Russian Federation (MSHE)	To be confirmed			
Spain	 Agencia Estatal de Investigación	0.5	See Annex I	Yes	Yes
Sweden	 The Swedish Research Council for Environment, Agricultural Sciences and Spatial Planning (FORMAS)	1.0	0.3 (0.5, if coordinating)	Yes	Yes
Turkey	 Ministry of Agriculture and Forestry, General Directorate of Agricultural Research and Policies (TAGEM)	0.2	0.05 (per partner)	Yes	Yes
Turkey	 The Scientific and Technological Research Council of Turkey (TUBITAK)	0.6	0.1 (without overhead and personnel costs)	Yes	Yes

Country	Funding Organisation	National/regional call contribution		Research Area	
		Total (M€)	max. per project (M€)	1	2
United Kingdom	 United Kingdom Research and Innovation, (UKRI)	2.0	0.75	Yes	Yes
United Kingdom	 The Secretary of State for Environment, Food and Rural Affairs (DEFRA)	1.65	0.75	Yes	Yes
<b>Total of national/ regional call contributions:</b>		<b>12.46</b>			

## 5. Application

### 5.1 Eligibility

All pre-proposals and full proposals must meet the general eligibility criteria included in this section and also the national/regional eligibility criteria given in ANNEX I. Only proposals which meet the eligibility criteria will be considered for evaluation.

#### General eligibility criteria

- Pre-proposals and full-proposals must be written in English.
- Pre-proposals must be submitted by **15th December 2021 (15:00 CET Berlin)** using the template provided via the ERA-NET ICRAD submission website ([www.submission-icrad.eu](http://www.submission-icrad.eu)).
- The project duration for proposals must not exceed 3 years. Proposals should respect national/regional regulations rules related to minimum duration.
- Researchers can contribute to more than one research proposal submitted to this call, provided there is no double funding of the same work or cost item. In case researchers participate in two or more research proposals, they are obliged to respect the national/regional rules related to double funding. In the section “Partners” (via Partner Login) under “Tasks within the project” they must name the proposals, in which they are involved and explain clearly how their work within the respective proposals differs. Participation as project coordinator is only possible in one research proposal.
- Projects must follow the rules outlined under “consortium structure”.

#### Consortium structure

- Consortia must include a minimum of 3 independent entities from a minimum of 3 different countries being eligible and requesting funding from EU Member States, Associated Countries or Regions participating in this call and a maximum of 8 independent entities. The consortium cannot include more than two partners from one country.
- **If a consortium does not meet the minimum number of partners or exceeds the maximum number of partners or if one or more of the partners requesting funding is not eligible in accordance with the national/regional funding criteria, the proposal may be rejected without being evaluated.**
- Applicants from countries not participating as funders in this call are welcome in research consortia, but cannot receive funding. Those associated partners (non-funded applicants) should be able to clearly demonstrate an added value to the consortium and secure their own resources. The coordinator should take steps to ensure that sufficient funds are secured from these associated partners, and evidence of the availability of funds should be provided prior to project submission (letter of support/commitment, template available at [www.submission-icrad.eu](http://www.submission-icrad.eu)). The same applies for partners who are not eligible or not applying for national/regional funding from the Funding Organisation participating in the call. The associated partners will also count towards the maximum number of 8 partners and 2 partners per country. The majority of participants in a consortium must be eligible and applying for funding by the ICRAD Funding Organisations participating in this call.
- Total eligible budget per country must not exceed 70 % of the total eligible project budget in order to achieve balanced partnerships and ensure that responsibility and risks are shared.
- Industry participation as a partner in a project is advantageous, but not mandatory.

- The participation of early career researchers in a project is encouraged, but not mandatory.

#### National and/or Regional eligibility criteria

- It is **strongly recommended** that applicants contact their Funding Contact Persons (see ANNEX I) **before** submission.
- Each participating national/regional Funding Organisation funds their national/regional applicants within a particular project consortium. Funding is subject to the specific terms and conditions of each Funding Organisation (as specified in ANNEX I) and project partners should check their eligibility for funding prior to submission.
- If applicable, the requested funding budget of each partner/project must not exceed national or regional funding limits (for details, see the Table under the heading “Overview on funding opportunities” and “National or regional regulations and eligibility criteria”, (ANNEX I).
- If national/regional forms are required, these must be submitted directly to the national/regional Funding Organisation (see ANNEX I, National or regional regulations and eligibility criteria) by the deadlines stated in ANNEX I.
- Projects must address the Research Areas as outlined in the section “call topics”. Additionally, applications should fit to the specific remit of the national/regional funding organisations (see ANNEX I).

#### The project coordinator

- Must be eligible for and requesting funding by one of the Funding Organisations participating in the call. An entity that plans to participate at its own expense without public funding provided via the ERA-NET ICRAD Funding Organisations cannot act as a coordinator;
- Is only allowed to coordinate one proposal; a coordinator of one proposal can be partner in another proposal;
- Will lead the consortium throughout the application procedure and will be responsible for the correct submission of the pre- and full-proposal;
- Will ensure that all partners:
  - fulfil the requirements stated in this call announcement and criteria as stated in the national/regional annexes and/or communicated by the FCP,
  - provide all necessary information and comply with all formalities as required,
  - participate actively in the proposal preparation.
- Is fully responsible for the overall project coordination and will be the central contact point for the Call Secretariat during the full lifespan of the research project;
- Will ensure that all work is carried to a high standard and meets contractually bound milestones presented in the full proposal;
- Is responsible for sharing all information with consortium partners;
- Is responsible for monitoring data and timely delivery of project reports (mid-term report and final report) and should ensure that the research consortium is represented at ICRAD meetings, if applicable (Section 3).

## 5.2 Submission

The application process is two-phased (pre- and full-proposal phase). Throughout the whole process, the CS will be the central communication point for all applicants and the entire

application procedure will be carried out online using the ICRAD call management tool, templates and online forms (see also [www.submission-icrad.eu](http://www.submission-icrad.eu)).

In some cases, submission of additional documents to the national/regional Funding Organisations is necessary. Applicants are strongly advised to check the national/regional regulations provided in ANNEX I and contact their funding contact persons (FCPs).

### 5.2.1 Pre-proposal submission

**The deadline for Pre-proposal submission is the 15th December 2021, 15:00 CET (Berlin).**

The submission of a pre-proposal is mandatory and it will not be possible to enter the application procedure at a later stage.

A pre-proposal must be submitted electronically via the ERA-NET ICRAD submission tool ([www.submission-icrad.eu](http://www.submission-icrad.eu)). No other methods or means of submission will be accepted. It will be possible to update and resubmit the pre-proposal as many times as required up to the submission deadline, but not after the deadline has expired. The old version will be replaced by the new version. Old versions will not be stored by the ICRAD submission tool.

The project coordinator has to create an account for the proposal on the ICRAD submission tool and provide the following **core data**:

- project title,
- project acronym,
- research area,
- keywords,
- duration, including expected project start and end date,
- project coordinator personal data (incl. curriculum vitae, list of relevant publications and projects),
- consortium composition, i.e. organisation name, type and country for each partner,
- total requested funding for each partner, funding organisation (where applicable),
- summary suitable for publication,
- a maximum of 3 experts (by name), who should not evaluate the proposal due to a specific Conflict of Interest.

A pre-proposal template (PDF) will be provided on the submission homepage [www.submission-icrad.eu](http://www.submission-icrad.eu).

The project description may not exceed 10,000 characters including spaces (~ 2.5 pages DIN A4, Arial 11pt, line pitch 1.15) and should:

- a) provide a scientific/technological overview,
- b) specify the excellence, expected project impact and relevance to the call scope and Research Area,
- c) describe the scientific quality of the project
- d) explain the composition of the consortium
- e) describe the added value for European research and Innovation, and the necessary resources,
- f) provide information on the project management and responsibilities of the project partners and,
- g) give a short overview of the division of the collaborative project into work packages.
- h) provide information on involvement of private / Non-academic partners



Implementation of up to three graphics/images is allowed and possible (allowed formats are jpg, png or gif, max. resolution 600x600px, max. file size 2MB). No additional documents will be considered.

Applicants should note that the online system may experience high traffic volumes in the last hours before the submission deadline and it is therefore highly recommended to submit the final version of the pre-proposal well in advance of the deadline to avoid any last minute technical difficulties.

The information given in the pre-proposal will be used to check for eligibility, to find appropriate evaluation experts to evaluate the pre-proposal.

For any technical question regarding the submission, please contact the CS.

The information given in the pre-proposal is binding. Thus, any changes between pre- and full-proposals concerning the composition of the consortium, objectives of the project or requested budget must be communicated to the CS with detailed justifications and will only be allowed by the Funders Consortium under exceptional circumstances.

As an exception to the above-mentioned conditions, the following change is allowed:

Adding an eligible partner to the consortium from undersubscribed countries that are participating in this call. Countries are considered as undersubscribed when their available budget is significantly higher than the requested budget by successful applicants in the pre-proposal stage. The FC will make the decision on which countries are considered as undersubscribed and the CS will communicate this to the applicants that are invited to the full proposal stage. This change will only be allowed under recommendation by the FC and under the following conditions:

- 1) The project coordinator has to inform the CS in case the consortium would like to add an eligible partner from an undersubscribed country. Please notice that only **one** additional partner is allowed.
- 2) The total number of partners including the newly added one from undersubscribed countries in the consortium must not exceed the maximum number defined under "General eligibility criteria".
- 3) The applicants have to clearly explain the added value of this additional partner in the full-proposal.
- 4) The eligibility for funding of the new partner has to be confirmed by the national funding organisation. Therefore, it is mandatory to contact the respective national funding organisation of the new partner prior to submission of the full proposal and receive approval.

## 5.2.2 Full proposal submission

**The deadline for full proposal submission is the 30th June 2022, 15:00 CEST (Berlin)**

Consortia invited for full proposal submission will regain access to the **ICRAD** online submission tool to submit a full proposal for which a template will be provided via [www.submission-icrad.eu](http://www.submission-icrad.eu). The core data provided in the pre-proposal will be automatically imported into the full proposal and cannot be changed in the second step unless otherwise specified by the CS.

Guidelines for applicants (full-proposal phase only) detailing the content of the full proposals will be available in due time on the submission homepage ([www.submission-icrad.eu](http://www.submission-icrad.eu))

Only full proposals submitted by consortia explicitly invited by the CS will be accepted.

## 5.3 Evaluation and selection

### 5.3.1 Pre-proposal evaluation

Pre-proposals that are submitted correctly and within the deadline will be checked for eligibility by the FC and ES. The eligibility check will focus on the “General Eligibility Criteria and National/regional regulations and national/regional eligibility criteria” (see ANNEX I).

Non-eligible pre-proposals will be rejected. Eligible pre-proposals will be evaluated by at least 3 experts per pre-proposal.

Conflict of Interest will be described in the Evaluation Guidelines prepared by the ES.

The eligible pre-proposals will be reviewed and evaluated against the following criteria:

#### **Excellence**

- a) Scientific quality of the proposal.
- b) Relevance of the project regarding the addressed research area and objectives of the call.

#### **Impact**

- a) Potential impact of the expected results for future animal and public health.
- b) Added value of transnational collaboration: gathering a critical mass of biological material, sharing of resources (models, databases, etc.), harmonization of data, sharing of specific know-how and/or innovative technologies, etc.
- c) Potential for fostering a longer-term international network of researchers.

#### **Quality and efficiency of the implementation**

- a) Coherence and effectiveness of the work plan (for full proposals: including appropriateness of the allocation of tasks, resources and timeframe).
- b) Complementarity of the participants in the consortium.

Evaluation scores will be awarded for the three main criteria, and not singularly for the different aspects listed below the criteria.

Pre-proposals will be evaluated according to the following scoring system. The scoring system uses a scale from 0 to 5 for all review criteria, only full scores are allowed.

**5 = Excellent.** The proposal successfully addresses all aspects of the criterion in question.

**4 = Very good.** The proposal addresses the criterion very well, but small improvements are possible.

**3 = Good.** The proposal addresses the criterion in question well, but certain improvements are necessary

**2 = Fair.** The proposal generally addresses the criterion, but there are significant weaknesses that need corrections.

1 = *Poor*. The proposal shows serious weaknesses in relation to the criterion in question.

0 = *Failure*. The proposal fails to address the criterion in question, or cannot be judged because of missing or incomplete information.

Scores for the different evaluation criteria will have equal weight.

Pre-proposal evaluation will be held remotely via the online evaluation tool. For each pre-proposal, one ISEC member will be assigned as rapporteur. The rapporteur will draft a summary report for each proposal which reflects the individual evaluation reports to be further sent to applicants. The draft summary reports shall be also submitted to the ES and shall include recommendation on if the proposal should be invited for the full proposal submission.

The FC will meet to decide which proposals will be invited for the full proposal submission based on the ISEC recommendations.

### 5.3.2 Full proposal evaluation and funding recommendation

A minimum of 3 experts will evaluate each full proposal against the following criteria:

#### Excellence

a) Scientific quality of the proposal:

- Clarity of objectives
- Credibility of the proposed approach and methodology
- Expected progress beyond the state-of-the-art, innovation
- Competence and experience of participating research partners in the field(s) of the proposal

b) Relevance of the project regarding the addressed research area and objectives of the call.

c) Novelty of proposed research.

#### Impact

a) Potential impact of the expected results for future animal and public health.

b) Added value of transnational collaboration: gathering a critical mass of biological material, sharing of resources (models, databases, etc.), harmonization of data, sharing of specific know-how and/or innovative technologies, etc.

c) Potential for fostering a longer-term international network of researchers.

d) Effectiveness of the proposed measures to exploit and disseminate the project results (including management of IPR), to communicate the project, and to manage research data where relevant.

e) Involvement of private partners (SME and/or industry, if available (when appropriate/applicable).

f) Possible impact of age, gender and socio-economic status (when appropriate/applicable).

g) Education and training of young scientists (when appropriate/applicable).

### Quality and efficiency of the implementation

- a) Coherence and effectiveness of the work plan (for full proposals: including appropriateness of the allocation of tasks, resources and timeframe).
- b) Complementarity of the participants in the consortium.
- c) Appropriateness of the management structures and procedures, including risk and innovation management.
- d) Sustainability of research infrastructures initiated by the project.
- e) Budget and cost-effectiveness of the project (appropriate distribution of resources in relation to project activities, partners' responsibilities and timeframe).

Full-proposals should be evaluated using the same scoring system which is used at the step 1. The scoring system uses a scale from 0 to 5 for all review criteria, only full scores are allowed.

5 = Excellent. The proposal successfully addresses all aspects of the criterion in question.

4 = Very good. The proposal addresses the criterion very well, but small improvements are possible.

3 = Good. The proposal addresses the criterion in question well, but certain improvements are necessary

2 = Fair. The proposal generally addresses the criterion, but there are significant weaknesses that need corrections.

1 = Poor. The proposal shows serious weaknesses in relation to the criterion in question.

0 = Failure. The proposal fails to address the criterion in question, or cannot be judged because of missing or incomplete information.

Scores for the different evaluation criteria will have equal weight.

Full-proposal evaluation will include a face-to-face or virtual meeting or hybrid system of all members of the ISEC. At the ISEC meeting, each full proposal will be jointly evaluated by the ISEC members on the basis of the written evaluation reports. One ISEC member will be assigned as a rapporteur for each full proposal. The rapporteur will draft a summary report for each proposal which reflects the individual evaluation reports and will introduce the proposal during the ISEC meeting.

After proposal discussion, ISEC members should agree on a consensus scoring.

As a result of the ISEC discussions and as an outcome of the ISEC meeting, a ranking list of the full proposals recommended for funding will be established, containing proposals from the two independent Research Areas. Each rapporteur will include all discussed points in his evaluation report and finalize the report including the consensus final score and individual score for each criterion.

Based on the ranking list, the FC will take the final decision for national/regional funding.

The outcome of the funding recommendation procedure will be communicated by the CS to the project coordinators, who shall inform their respective partners.

## 5.4 Ethical aspects

Ethics is an integral part of research activities funded by the European Union within the H2020 and ethical compliance is considered as pivotal to achieve research excellence. Therefore, all proposals must describe ethical issues raised and how they will be addressed to conform to National, European and International regulations. If any ethical issues are expected to arise during the proposed project, these must be addressed in the pre- and full- proposal. Guidance on ethics within H2020 is provided in the [H2020 online manual](#) and the guideline for self-assessment (can be found [here](#)) must be filled and enclosed in the full-proposal. The self-assessment and the ethical issues described in the full proposal will be reviewed by an ethical panel set down by ICRAD. The members of the ethical panel will encompass 2-3 experts on ethical issues, e.g. on the use of animals, medical research and use of personal data. The members are not part of the ISEC and will be checked for Conflict of Interest before reviewing the proposals. If the ethical panel finds issues to comment on, a written report will be forwarded to ICRAD coordinator, who will address and discuss the report with coordinator of the proposal to clarify questions and uncertainties.

Comments from the ethical panel will not have impact on the score and ranking of the scientific evaluation, however proposals may be rejected from funding on ethics grounds if they do not comply with the European and national/regional legislation.

## 5.5 Confidentiality & Conflict of Interest

In order to avoid any conflict of interest, Funding Organisations of ERA-NET **ICRAD** will as a rule not be involved in the evaluation procedure (incl. the appointment of the International Scientific Evaluation Committee), if the organisation or its affiliates plan to respond to this call themselves.

The pre- and full- proposals will be handled confidentially by the **ICRAD** CS, by the national/regional Funding Organisations and the mandated experts responsible for the evaluation of the pre- and full-proposals. In selecting the international experts for the ISEC and the ethical panel, the FC shall also endeavour to avoid any potential conflicts of interest. To this end, applicants may also name in the pre-proposal up to three experts who shall be excluded from evaluation of the relevant proposal. Each expert will have to sign a declaration of confidentiality and absence of conflict of interest. The online evaluation tool will include a feature which will prevent access to the proposal in case a conflict of interest is declared by the expert.

Only the project information as listed in Chapter 6.1 will be published.

## 5.6 General Data Protection Regulation

The following Data Privacy Notice applies:

By submitting an application to the call, applicants consent to the use, processing and retention of their personal data<sup>8</sup>, in accordance with article 6.1 (c) and (e) of the General Data Protection Regulation (GDPR) (2016/679) 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 Organisations relationship with them;
- analysing and evaluating the call;
- reporting to the European Commission/ Research Executive Agency (REA) on the call;
- providing aggregate data to national and European surveys and analyses on the funded projects;
- and complying with audits that may be initiated by the Funding Organisations and the European Commission (or its agencies).

The members of the CB may share an applicant's data with third parties (some of which may be based outside the European Economic Area) exclusively in relation to the above activities including evaluators, auditors and the European Commission (or its agencies) according to applying national laws.

Data on Funding Organisations including contact details of FC members and FCP are kept for the purpose of the call communication. The information will be published with prior consent of the respective management bodies.

## 6. Obligations for Funded Projects

### 6.1 Published information

A list of the funded projects will be published at the end of the call selection process. Therefore applicants should be aware that the following information from the proposals may be published by ERA-NET ICRAD:

- project title and project acronym
- duration of the project
- total funding of the project
- name of the project coordinator and the entity the coordinator is applying for (including contact information e.g. professional email)
- country and organisation name of each partner
- a short publishable summary of the project.

Data on each project participant and abstracts of the project proposal will be provided to the European Commission for monitoring and implementation purposes. Information on each funded project, including data on each participant and an overview on the results will be updated and sent to the EC at the end of ERA-NET ICRAD. Details on these data are given here:

<https://www.era-learn.eu/documents/projectdatacollectiontemplaterevisedapril2018.xlsx>.

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<sup>8</sup> Last name, first name of the researchers, professional contact information, degree(s), current position, fields of activity, place of work, organisation, professional address(es), curriculum vitae, name and reference of projects, pre-proposals, full-proposals (scientific document, administrative and financial appendix).



## 6.2 Open Access

Open access (OA) addresses the problem of limited access to peer-reviewed scholarly research. OA is the practice of providing online access to scientific information (e.g. *peer reviewed scientific* articles) 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 following open access policy must be observed by all funded projects:

1. A copy of the accepted version (either author final manuscript, post-prints or publisher version) of all peer reviewed journal articles, supported, either in their entirety or in part by **ICRAD** 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 **ICRAD** as deliverables in their project reports.
2. Similar actions as mentioned in 1 to provide open access to other types of publications (e.g., conference proceedings, theses, books, monographs) are strongly encouraged.
3. All publications mentioned in 1 shall be made openly available preferably immediately after the date of publication. Exact rules are subject to national regulations, please consult national contact points. 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 eligibility of Article Processing Charges (APC) or similar fees to publish in peer reviewed open access journals and books is considered according to national/regional regulations. 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. Limits to the per-article amount of APCs that can be requested comply by national or regional regulations of the funding agencies. 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 points 1 to 4, funding recipients must acknowledge ICRAD and identify the funding in the following manner: “This research was made possible by funding from **ICRAD**, an ERA-NET co-funded under European Union’s Horizon 2020 research and innovation programme (<https://ec.europa.eu/programmes/horizon2020/en>), under Grant Agreement n°862605.” Further national rules on acknowledgement may apply.
6. The publication of research data is not mandatory, however if research data and associated metadata resulting from funded projects is published it should be deposited in a suitable open data repository.
7. Institutions/grant holders agree that by receiving funding from **ICRAD** they have accepted the terms and conditions of this OA policy. The compliance with the present terms and conditions will be monitored.

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



### 6.3 Negotiation of national/regional grant agreements

Formal funding decisions are made by the participating Funding Organisations. Each participating Funding Organisation will fund applicants of their country/region within the selected research projects. Funding will be provided by the participating Funding Organisations according to applicable national/regional funding rules.

The project coordinator is responsible for informing project partners about the selection result and for synchronising the project start with his/her partners. The project partners should aim to start on the same start date. After a positive funding recommendation, the project partners must directly contact their FCP in order to start the grant negotiation and accomplish the remaining steps until the research project can start.

In some countries/regions, a signed consortium agreement might be required for release of the national/regional funds (for support of the preparation of a consortium agreement, the DESCA 2020 model for consortium agreement can be used<sup>9</sup>). If a consortium agreement is necessary due to national/regional regulations it will be requested to at least address the following topics:

- internal organisation and management of the consortium
- intellectual property arrangements
- settlement of internal disputes
- any Funding Organisation has the right to request the consortium agreement to be presented to it in order to release the funding.

In some countries/regions, a data management plan might be required for release of the national/regional funds.

### 6.4 Project monitoring and networking

#### 6.4.1 Reporting

In addition to the reporting required by the national/regional rules, project coordinators will be required to provide a mid-term report and a final report to the FC. All project partners will have to deliver input for these reports. The project coordinator is responsible for timely deliverable and content quality of these reports. Information on the reporting and monitoring procedures as well as templates will be provided to the coordinators of the funded projects.

The Monitoring Team (AEI and ICISTE) will collect the reports from the project coordinators and forward them to all involved Funders. The involved Funders will check the reports and, if any issues, will contact the respective project partners regarding improvements needed on a case-by-case basis.

#### 6.4.2 Grant holders meetings

The coordinators of the funded projects are obliged to present their projects at two seminars to the ERA-NET **ICRAD** partners, other interested parties and relevant stakeholders:

- an **initial grant holders meeting**, where all funded projects will be represented by the Project Coordinators explaining objectives and expected outcomes,
- a **midterm grant holders meeting** represented by the Project Coordinator presenting the mid-term reports including status, preliminary results and future work to the ERA-NET partners and relevant stakeholders,

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<sup>9</sup> <https://www.desca-agreement.eu/desca-model-consortium-agreement/>

Participation will be obligatory for Project Coordinators of the funded projects to all meetings. The travel expenses to attend these meetings should be included in the project budget. Participation of other project partners is optional at their own expenses.

A **final grant holders meeting** presenting the final reports including research results and assessment of possible impact and future actions may be carried out additionally.

## **6.5 Dissemination and communication**

Applicants to the call have to allocate sufficient resources in their budget for dissemination of their project goals, planning and results. Funded projects are strongly encouraged to:

- contribute with project presentations and/or posters to the foreseen events of ERA-NET **ICRAD** which are listed in section 3. Travel costs of project partners, incurred by taking part in these events, will have to be covered by the project budget.
- prepare (popular science) summaries of the project goals, planning and results for ERA-NET **ICRAD** activities and publications (e.g. for brochures, [digital] newsletters, the website etc.).

## ANNEX I:

### National/ Regional Annex

#### Argentina



Applicants are advised that this annex is for general guidance only. For more detailed information on priorities, rules and regulations please refer to the regional call announcement and contact the Funding Contact Point.

**Funding Organisation:** National Agricultural Technology Institute (INTA)

#### Funding Contact Point:

contact person:	email:	telephone:
Alejandro Valeiro	valeiro.alejandro@inta.gob.ar	+54 9 11 34214156 +33 642 498 137

#### Terms and Conditions:

**Eligibility:** Funding for this call will be restricted to INTA based researchers within the usual institutional planning system

**Funding:** total national budget available = 100,000 €

**Admitted costs:** Funding eligibility includes travel and per diem, consumables and other agreed costs, but no investments or personnel expenses, nor contracts.

**Topic Priorities:** both Research Areas are fundable, if they fit the appropriate INTA's scope

#### Other:

- Proposals must meet the general eligibility criteria established by the joint call document and fit within the mission and strategic objectives of INTA
- All applications requesting financing for Argentina under this call must include a support from INTA under the internal procedure.
- The call will be restricted to INTA researchers who work in the selected research areas.
- Proposals must include a plan for dissemination of information.

- e. All intellectual property that may arise from the projects supported by this call will be managed through an IP Plan. Proposals should generally indicate how IP will be managed, with a full IP Plan developed at the procurement phase.
- f. Proposals must not exceed 36 months of project duration.
- g. Funding eligibility includes travel and per diem, consumables and other agreed costs, but no investments or personnel expenses.

## Belgium



Applicants are advised that this annex is for general guidance only. For more detailed information on priorities, rules and regulations please refer to the regional call announcement and contact the Funding Contact Point.

**Funding Organisation:** Federal Public Service Health, Food Chain Safety and Environment (FPS Health)

### Funding Programmes:

[Contractual Research](#)

### Funding Contact Point:

contact person:	email:	telephone:
Valérie Van Merris	valerie.vanmerris@health.fgov.be	+32 2 524 90 94
Ria Nouwen	ria.nouwen@health.fgov.be	+32 2 524 90 92

### Terms and Conditions:

**Eligibility:** The eligibility of the ICRAD proposals requesting funding from the Belgian Federal Public Service Health, Food Chain Safety and Environment (FPS Health) is assessed by the Contractual Research unit. The criteria are the following:

- 1) timely submission (deadlines set out in the ICRAD call announcement)
- 2) the form: the proposals must be submitted in accordance with the guidelines set out in the ICRAD call announcement
- 3) accordance with a topic: only proposals corresponding to *Research Area 1 – Improved understanding of animal-human-environment interface* are eligible
- 4) the absence of overlap with existing or ongoing research
- 5) composition of the consortium: only Belgian research institutions may apply for funding from the FPS Health.

**Funding:** A total amount of € 250.000 is available for the Belgian partners in the call.

### Admitted costs:

- Staffing costs, excluding the staffing costs for the coordinator and the promoters
- Operational costs
  - Standard operational costs: flat-rate costs including usual expenses related to the project's execution (e.g. consumables, products, office supplies, documentation, travel expenses, use of computers and software) as a lump sum based on a percentage of the staffing costs funded by the FPS Health. This percentage may not exceed 15% of the funded staffing costs for the Belgian coordinator and 10% of the funded staffing costs for the other Belgian promoters
  - Specific operational costs: specific operational costs that are directly related to the project's execution (e.g. usage costs for equipment, maintenance costs, costs for analyses, subcontracting for max. 25% of the overall grant to the promotor).
- General costs (costs for administration, phone, postage, the maintenance of the premises, heating, lighting, electricity, rent or insurance) : budgeted as a lump sum based on maximum 10% of the staffing costs funded by the FPS Health.

**Topic Priorities:** Only proposals submitted for **Research Area 1 - Improved understanding of animal-human-environment interface** are eligible for funding.

Apart from the accordance with the topic, it is important that the proposed research from the Belgian partner(s) fits in with the competences of the FPS Health's Contractual Research:

The research must support or help preparing the policy in the field of animal health. More specifically this means that the research must provide knowledge that supports the Government, in particular the FPS Health and the Federal Agency for the Safety of the Food Chain (FASFC), in one or more of its tasks, including:

- drafting or amending legislation, recommendations or advices
- drafting or adjusting control programs or (auto)control guides
- developing strategies for risk assessment or risk management strategies
- implementing (analysis) methods for checking compliance with regulatory requirements
- taking measures in crisis situations
- setting priorities in or responding to new developments.

The research topic may not fall within the competence of the regional authorities unless the aspects that fall within the regional competence are covered by own contributions. If the project proposal contains work packages or parts of these that are outside the specific scope of Contractual Research, these must be funded by an external funding source as well.

The valorisation of new knowledge by the Government can take place at national, European and / or international level. The Government is entitled to a general and no-cost use of the results for the support of its policy. The project proposal must therefore be designed in such a way that all results can be communicated in detail to the Government (FPS Health and FASFC).

**Other:** Additional information about the budget is provided in the regional call announcement.

## Belgium – French speaking community



Applicants are advised that this annex is for general guidance only. For more detailed information on priorities, rules and regulations please refer to the regional call announcement and contact the Funding Contact Point.

**Funding Organisation:** The Fund for Scientific Research – FNRS (F.R.S.-FNRS)

**Funding Programmes:** PINT-MULTI

### Funding Contact Point:

contact person:	email:	telephone:
Florence Quist	<a href="mailto:Florence.quist@frs-fnrs.be">Florence.quist@frs-fnrs.be</a>	+32 2 504 9351
Joël Groeneveld	<a href="mailto:Joel.groeneveld@frs-fnrs.be">Joel.groeneveld@frs-fnrs.be</a> <a href="mailto:international@frs-fnrs.be">international@frs-fnrs.be</a>	+32 2 504 9270

### Terms and Conditions:

#### Eligibility:

All eligibility rules and criteria can be found in the [PINT-MULTI regulations](#)

#### Funding:

##### Admitted costs:

The maximum amount of requested funding per project is 200.000 EUR for a total period of three years. If the project involves the recruitment of a PhD student, the project duration of the F.R.S.-FNRS sub-project could be up to four years (cf. PINT-MULTI regulations).

All eligibility rules and criteria can be found in the [PINT-MULTI regulations](#)

#### Topic Priorities:

The F.R.S.-FNRS only funds basic research

#### Other:

Applicants to F.R.S.-FNRS funding must provide basic administrative data by submitting an administrative application on [e-space](#) within 5 working days after the general deadline of ICRAD to be eligible. Please select the “PINT-MULTI” funding instrument when creating the administrative application. Proposals invited to the second stage will be able to complete the pre-proposal form and provide information for the full proposal upon validation by the F.R.S.-FNRS.

General rules and regulations of FNRS apply: [www.frs-fnrs.be](http://www.frs-fnrs.be)

See also: <http://www.ncp.fnrs.be/index.php/appels/era-nets>



## Belgium – Flanders



Applicants are advised that this annex is for general guidance only. For more detailed information on priorities, rules and regulations please refer to the regional call announcement and contact the Funding Contact Point.

**Funding Organisation:** The Research Foundation - Flanders (FWO)

### Funding Programmes:

- [FWO Research Projects](#) (FO)
- [Strategic Basic Research \(SBO\)](#)

→ FWO call (pre-)announcement and regulations will be available under 'calls' European Programmes.

### Funding Contact Point:

contact person:	email:	telephone:
Toon Monbaliu Advisor Research Affairs	<a href="mailto:eranet@fwo.be">eranet@fwo.be</a>	+32 (0)2 550 15 70

### Terms and Conditions:

#### Eligibility:

The eligibility of institutions and its researchers can be verified in the relevant and respective chosen funding channels regulations, which can be consulted on the FWO website:

- [FWO Research Projects](#) (FO)
- [Strategic Basic Research \(SBO\)](#)

#### Funding:

- The respective funding channels regulations apply (see links to national rules above), and both are capped at max. 350.000 EUR per project (incl. overhead, which diverges per funding channel).
- The FWO foresees a budget of 350.000 EUR initially, which allows for the funding of at least 1 project.
- For the overhead calculation the fundamental (FO) and strategic research projects (SBO) differ:
  - **FO:** a 6% structural overhead should be applied on the project costs. As a practical example, e.g.: the sum of all costs (personnel, consumables, travel, etc.) amounts 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.

- **SBO:** The SBO cost model applies. However, in this framework, and similar to the fundamental projects, an overhead rate has to be applied on the project costs. SBO overhead can go up to 17% and is determined by the host institution.

#### Topic Priorities:

- Both Research Areas are fundable, if they fit the appropriate FWO funding channels scope.

#### Other:

- ERA-NET participation does not interfere with the 'regular' project submission framework, and is consequently not taken into account for calculating the max. available number of new applications and running projects combined. However, **researchers can only participate within 2 different international consortia in this call.**
- **When the FWO SBO project channel is chosen, the researchers are asked to provide proactively, and before the pre-proposal submission deadline, a concise – but to the point – valorisation plan to the FWO** (no fixed format, max. 1-2 A4-pages), which i) clarifies the valorisation context within Flanders (and internationally is possible), and ii) mentions the involved – and specific - actors from Flanders. This document can be sent towards the [eranet@fwo.be](mailto:eranet@fwo.be) email address. Failure to comply with this requirement can lead to ineligibility.
- Projects aiming at the development of a spin-off are not eligible in this context.
- The project duration is limited to 36 months, which implies the funding has to be budgeted and spent accordingly. An automatic prolongation and using positive (financial) balances after the end date is not applicable in this framework. As such article 28 of the [FWO Research Projects](#) and article 14 of the [Strategic Basic Research \(SBO\)](#) regulations do not apply in this context.
- The PI, for each of the participating institutions from Flanders, must hold an appointment that fully covers the duration of the research project.

**It is strongly advised to contact the FWO contact point mentioned above, in order not to jeopardize any research projects/consortia.**

More details will follow in the FWO call announcement.

## Denmark



Applicants are advised that this annex is for general guidance only. For more detailed information on priorities, rules and regulations please refer to the regional call announcement and contact the Funding Contact Point.

### Funding Organisation:

Ministry of Food, Agriculture and Fisheries of Denmark, Danish Agricultural Agency (DAFA)

### Funding Programme:

§ 24.33.02.20 National and International Research Activities

### Funding Contact Point:

contact person:	email:	telephone:
Bjarne Thomsen	bjth@lbst.dk	+458 149 2521

### Terms and Conditions:

DAFA funding is based on § 24.33.02.20 in the national finance act and associated administrative regulations. The main items are the following:

- The funding regulations, follow-up and reporting are regulated according to
- "Vejledning om tilsagn og udbetaling af tilskud under §24.33.02.20 (NIFA)" available at <https://lbst.dk/tilskudsguide/nationale-forskningsprogrammer/#c7765>
- The Danish project partners of positively evaluated full proposals will, at a later stage, be invited to submit national budget forms. The guidelines for preparing the budget form have to be considered for any cost calculations in the full proposal.
- Funding will be awarded as a multiannual commitment with payments based actual expenditures.

### Eligibility:

Eligible applicants are universities and research institutions domiciled in Denmark.

### Funding:

The budget committed for this call is 500.000 €. The maximum amount for Danish participants in a single project may not exceed 300.000 €.

### Admitted costs:

The following costs are eligible for funding: personnel, consumables, subcontracts, and travel. Equipment cost is eligible by depreciation only.

### Topic Priorities:

Both research areas are fundable priority areas.

**More details in the national call announcement.**

## Estonia



Applicants are advised that this annex is for general guidance only. For more detailed information on priorities, rules and regulations please refer to the regional call announcement and contact the Funding Contact Point.

**Funding Organisation:** Ministry of Rural Affairs (MEM)

### Funding Programme:

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

### Funding Contact Point:

contact person:	email:	telephone:
Maarja Malm, Chief Specialist of the Research and Development Department, Ministry of Rural Affairs	<a href="mailto:maarja.malm@agri.ee">maarja.malm@agri.ee</a>	+372 625 6250
Gret-Kristel Mällo, Chief Specialist of the Research and Development Department, Ministry of Rural Affairs	<a href="mailto:gret-kristel.mallo@agri.ee">gret-kristel.mallo@agri.ee</a>	+372 625 6553

### Terms and Conditions:

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. Nevertheless, it is strongly recommended to send the application to the Ministry for a review before submission.

Estonian project partners with positively evaluated full proposals will be invited by the Estonian Ministry of Rural Affairs to agreement negotiation. Scientific results of the projects must be made publicly available.

### Eligibility:

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”.

### Funding:

The total requested funding for all Estonian partners within one consortium may not exceed 100 000 € (VAT is included). Please note that there is a 5% of own contribution required upon total budget of the project.

**Admitted costs:**

Corresponding to the national programme “Applied Research and Development in Agriculture 2015–2021”.

**Topic Priorities:**

Research Area 1 “Improved understanding of animal-human-environment interface” and Research Area 2 “Detection and Prevention”.

**More details in the national call announcement.**

## France



Applicants are advised that this annex is for general guidance only. For more detailed rules and regulations please refer to the national call announcement ([ANR website](#)) and contact the Funding Contact Point. In case of a conflict of interpretation between the terms and conditions stated in this annex and the “*Modalités de participation*” and “*Règlement financier*”, the terms of the latter shall prevail.

**Funding Organisation:** Agence Nationale de la Recherche (ANR)

**Funding Programme:** ANR’s Work Programme 2019 - Component 3 “Building the European Research Area (ERA) and France’s International Attractiveness” - Research Area “Life Sciences” and “Environmental Sciences”

### Funding Contact Point:

contact person:	email:	telephone:
Florence Guillot	ICRADCalls@agencerecherche.fr	+33 (0)1 78 09 80 01

### Terms and Conditions:

No additional documents should be submitted to ANR during the submission phase. In case a project is selected for funding, French partners will have to fill administrative and financial data on the ANR platform.

### Eligibility of applicants:

ANR’s funding regulations apply. Please refer to to <https://anr.fr/fr/rf/> for more details.

ANR may fund research organisations and undertakings, as defined by the EC regulation on State aid for research, development and innovation (see the ANR Funding regulations for further reference).

As for research organisations, only those that have their primary establishment in France may be funded. As for undertakings, those that have their real head office in an EU member State and having an establishment (primary or secondary) in France may be funded.

Within this framework, research institutions such as EPST, EPIC, Universities, Hospitals, most foundations, as well as companies and « NGOs (associations) » can apply. This list is not comprehensive and funding rates vary. Please fill the form related to economical activities to identify your funding rate and consult the “*règlement financier*” <https://anr.fr/fr/rf/> for more details.

Enterprises may also apply. Funding rates vary based on types of research and sizes of enterprises. For fundamental research, the maximum rates of funding are: 45% of the full project cost for SMEs, 30% for larger companies.

Please note that companies with economic difficulties cannot receive ANR subventions.

Please refer to <https://anr.fr/fr/rf/> for more details.



### **Funding:**

Maximum amount per project: 350 000 €

Maximum funding per partner: 200 000 € (Increased to 250 000 € for coordinators)

Minimum amount per partner: 15 000 €

### **Eligible costs:**

Eligible costs and rates of funding depend on the type of partners. Among others, eligible costs may include the following: personnel costs; equipment costs; consumables and animal costs; travel and subsistence costs; sub-contracting costs. Please refer to ANR's financial regulations ("*Règlement financier*" ANR) for full details. Please note that expenses related to permanent staff are not eligible for the beneficiaries "à coût marginal".

### **Overheads:**

Since 2021, the "frais d'environnement" for beneficiaries "à coût marginal" raised from 8% to 12%.

### **Topic Priorities:**

All Research Areas

**More details in** the Annex for the participation of French partners ("*Modalités de participation*") at <https://anr.fr/fileadmin/aap/2022/aap-icrad-2-annexe-fr.pdf> for further guidance on ANR's conditions and funding rules.

## Germany



Applicants are advised that this annex is for general guidance only. For more detailed information on priorities, rules and regulations please refer to the regional call announcement and contact the Funding Contact Point.

### Funding Organisation:

### Funding Programme:

#### Funding Contact Point:

contact person:	email:	telephone:

### Terms and Conditions:

### Eligibility:

### Funding:

### Admitted costs:

### Topic Priorities:

More details in the national call announcement.

## Greece



Applicants are advised that this annex is for general guidance only. For more detailed information on priorities, rules and regulations please refer to the regional call announcement and contact the Funding Contact Point.

**Funding Organisation:** Hellenic Agricultural Organization (DIMITRA)

### Funding Programme:

General of the Organization according to the Decision of the Board

#### Regional Contact Point:

contact person:	email:	telephone:
Loukia Ekateriniadou	<a href="mailto:ekateriniadou@vri.gr">ekateriniadou@vri.gr</a>	+302310365392
Charitini Maggana Poniraki	<a href="mailto:euprojects@nagref.gr">euprojects@nagref.gr</a>	+302108392157

### Terms and Conditions

The Hellenic Agricultural Organization DEMETER potentially supports research organizations and higher education institutions only in collaboration to the Institutes of the Organization. Individuals as well as individual enterprises are not eligible under this scheme.

Duration of a project – up to 36 months.

Eligible project costs are:

Direct costs:

- Personnel costs: researchers, technicians and other supporting staff to the extent employed on the project (non permanent staff), not more than 20% of the requested budget,
- Direct costs such as consumables, costs of instruments and equipment to the extent and for the period used for the project., materials etc.,
- 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.

Indirect costs (can reach a maximum of 5% of the total direct costs).

Topic Priorities

### Research Area 1: Improved understanding of animal-human-environment interface

#### a. Pathogen (re-)emergence and Host Adaptation

#### b. Host/Pathogen Interactions

## **Research Area 2: Detection and Prevention**

- a. Vaccine Technology Platforms**
- b. Diagnostic Technology Platforms**

## Ireland



Applicants are advised that this annex is for general guidance only. For more detailed information on priorities, rules and regulations please refer to the regional call announcement and contact the Funding Contact Point.

**Funding Organisation:** Department of Agriculture, Food and the Marine (DAFM)

**Funding Programme:** Research Stimulus Fund

### Funding Contact Point:

contact person:	email:	telephone:
John Harrison	<a href="mailto:John.Harrison@agriculture.gov.ie">John.Harrison@agriculture.gov.ie</a>	(353) 87 458 6821
Philip Kennedy	<a href="mailto:PhilipM.Kennedy@agriculture.gov.ie">PhilipM.Kennedy@agriculture.gov.ie</a>	(353) 87 225 4208

### Terms and Conditions:

As the ICRAD Call invites proposals for three-year projects, the scientific work should be completed within the first three years in collaboration with the European partners to comply with ICRAD requirements as the overall project will have to present a final report to ICRAD after three years.

### Eligibility:

In addition to the ICRAD 2<sup>nd</sup> Research Call criteria in the call documentation, proposals must also meet the following national criteria:

1. Grant applications will only be accepted from DAFM approved Irish RPOs (see Guidelines for Irish Applicants)
2. The grant request by Irish RPOs must not exceed the maximum funding per project as set out in the central Call announcement/documents
3. Address at least one of the scientific areas related to the call scope (as set out in the central Call announcement/documents)
4. Avoid duplication of recent research work already undertaken or ongoing that incorporates the scope of the scientific research areas in this 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 Vision 2030](#), [Food Wise 2025](#), the Government’s [Action Plan for Jobs, Innovation 2020](#), the [National Farmed Animal Biosecurity Strategy 2021-2015](#) and [Teagasc Technology Foresight 2035](#).

Please refer to the Guidelines for Irish Applicants for further details.

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

### **Funding:**

The total funding provided by DAFM for Irish applicants in respect of this Call shall not exceed €600,000.

The maximum funding available per project shall not be greater than €300,000 per proposal.

No funding distribution has been assigned by DAFM in respect of the supported Research Areas of this Call.

### **Admitted costs:**

Eligible costs will be allowed in the categories of:

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

Please refer to the Guidelines for Irish Applicants for further details.

### **Topic Priorities:**

RPOs seeking grant-aid from DAFM can apply for funding under either of the two ICRAD scientific research areas under the Call.

Research Area 1: Improved understanding of animal-human-environment interface

- Pathogen (re)-emergence and host adaptation,
- Host/pathogen interactions

Research Area 2: Detection and prevention

- Vaccine Technology Platforms
- Diagnostic Technology Platforms

### **More details in the national call announcement.**

Please see the 'Guidelines for Irish Applicants' located on the DAFM website from the launch of the ICRAD Call on 1st October 2021. The guidelines set out in more detail the rules for Irish applicants seeking grant-aid from the ICRAD 2<sup>nd</sup> Research Call and must be read in conjunction with the requirements set out in this National Annex and the ICRAD Call documentation.

## Italy



Applicants are advised that this annex is for general guidance only. For more detailed information on priorities, rules and regulations please refer to the regional call announcement and contact the Funding Contact Point.

**Funding Organisation:** Ministry of Health (MoH)

**Funding Programme:** Ricerca Corrente 2021

### Funding Contact Point:

contact person:	email:	telephone:
Marina Bagni	m.bagni@sanita.it	+39 06 5994 6129

### Terms and Conditions:

The main national criteria to be fulfilled are listed as follows:

- No more than 2 IIZZSS can be associated in the same project.
- Other eligible institutional partners (Destinatari Istituzionali, DI) and other research organizations (Istituzioni Esterne, IE) are allowed to be part to the project on the basis of specific agreement and/or contract as sub unit with the IZS proposing the project.
- Each researcher can apply to the present call with only one proposal as coordinator.
- The maximum project duration is three years (36 months).

A copy of the pre-proposals and of the full proposals, have to be submitted also to the "Direzione generale della sanità animale e dei farmaci veterinari - Ufficio II" at the following address: m.bagni@sanita.it and m.ianniello@sanita.it; the above will apply also in the case of partnership in an not Italian coordinated project.

### Eligibility:

The Principal Investigator (PI), either he/she is proposed as coordinator or partner in the project, has to be part of the staff of an Istituto Zooprofilattico Sperimentale (IZS).

### Funding:

Budget committed for this call 320.000 euros. The maximum amount for each project has to not exceed 160.000 euros.

### Admitted costs:

Personnel cost (must not exceed 50% of the required budget); consumables; travel & subsistence; coordination (meeting organization; website management and dissemination:



must not exceed 10% of the required budget); subcontractor; general costs (must not exceed 10% of the required budget).

**Topic Priorities:**

All the topics.

**More details in the national call announcement.**

## Latvia



Applicants are advised that this annex is for general guidance only. For more detailed information on priorities, rules and regulations please refer to the regional call announcement and contact the Funding Contact Point.

**Funding Organisation:** State Education Development Agency (VIAA)

### Funding Programme:

Participation in European Union's Research and Technology Development Programs.

### Funding Contact Point:

contact person:	email:	telephone:
Maija Bundule	<a href="mailto:maija.bundule@viaa.gov.lv">maija.bundule@viaa.gov.lv</a>	+371 67785423
Uldis Beķis	<a href="mailto:uldis.berkis@viaa.gov.lv">uldis.berkis@viaa.gov.lv</a>	+371 67785406

### Terms and Conditions:

Eligibility of the organization as a project partner and criteria for project funding are applied in line with the Regulation of the Cabinet of Ministers No 259 on the procedure for providing support for participation in international cooperation programs for research and technology (approved on 26 May 2015) and provisions of Commission Regulation (EC) No 651/2014 of 17 June 2014 declaring certain categories of aid compatible with the common market in application of Articles 107 and 108 of the Treaty.

### Eligibility:

Universities, research institutes and RTD centres to be eligible for funding should be listed in the Register of Research Institutions operated by the Ministry of Education and Science. SMEs are eligible for funding if registered in the Register of Enterprises of the Republic of Latvia and provide most of its activities in the Republic of Latvia.

### Funding:

Maximum of 70 000 euros per project year can be requested by each project partner.

Admitted 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,
- Project management costs,

Indirect costs (can reach a maximum of 25% of the total direct costs excluding direct eligible costs for subcontracting).

**Topic Priorities:** All Research Areas.

**More details in the VIAA website:**

[http://viaa.gov.lv/lat/zinatnes\\_inovacijas\\_progr/era\\_net\\_proj/era\\_net\\_aktualitates/](http://viaa.gov.lv/lat/zinatnes_inovacijas_progr/era_net_proj/era_net_aktualitates/)

## Lithuania



Applicants are advised that this annex is for general guidance only. For more detailed information on priorities, rules and regulations please refer to the regional call announcement and contact the Funding Contact Point.

**Funding Organisation:** Ministry of Agriculture (ZUM)

### Funding Programme:

International research funding rules for 2015–2022 approved by the Minister of Agriculture of the Republic of Lithuania (Žemės ūkio ministerijos 2015–2022 metų tarptautinių mokslinių tyrimų ir taikomosios veiklos projektų administravimo taisyklės)

### Funding Contact Point:

contact person:	email:	telephone:
Diana Šalkauskienė	Diana.Salkauskiene@zum.lt	+370 5 239 1025

## Terms and Conditions

### Eligibility:

Funding will be provided to the Lithuanian participants complying with the international research funding rules for 2015–2022 set up by the Ministry of Agriculture. The rules are available on the following link:

[3D-349 Dėl Žemės ūkio ministerijos 2015–2022 metų tarptautinių mokslinių tyrimų ir taikomosios veiklos p... \(e-tar.lt\)](#)

### Funding:

The total budget for the call is 140.000 €, with maximum funding at 140.000 € per project.

### Admitted costs:

### Topic Priorities:

Research Area 1

**More details in the national call announcement.**

## The Netherlands



Applicants are advised that this annex is for general guidance only. For more detailed information on priorities, rules and regulations please refer to the regional call announcement and contact the Funding Contact Point.

**Funding Organisation:** Ministry of Agriculture, Nature and Food Quality (MINLNV)

**Funding Programme:** Dutch participation should be in line with the knowledge and innovation agenda of priority area Agriculture (KIA Landbouw, Water Voedsel) and with the vision of the Ministry of LNV 'Agriculture, nature and food: valuable and connected'.

### Funding Contact Point:

contact person:	email:	telephone:
Françoise Divanach	f.t.m.divanach@minlnv.nl	0031703786083

### Terms and Conditions:

The maximum project duration is 3 years.

The funding is coming from the Ministry of Agriculture, Nature and Food Quality (LNV). Therefor the following conditions apply:

1) For Wageningen Research (WR) and other TO2 institutes:

The TO2 regeling (<https://wetten.overheid.nl/BWBR0040605/2018-07-25>) and the tariff agreement under it apply. The 2021 tariffs apply for the complete duration of the project.

2) For other Dutch knowledge organisations and universities:

The "Kaderwet EZK- en LNV subsidies" (<https://wetten.overheid.nl/BWBR0007919/2019-01-01>), artikel 2a) applies.

The ministry does not fund industry partners of other stakeholders. The participation to a project has to be paid by the applicant or a third party. The "Kaderwet EZK- en LNV subsidies" (<https://wetten.overheid.nl/BWBR0007919/2019-01-01>), artikel 2a) applies.

### Eligibility:

Eligible applicants are Dutch universities, universities of applied sciences, research institutions, knowledge organisations domiciled in The Netherlands.

**Funding:** € 300.000 euro in total, with a maximum funding of € 300.000 euro per project (including overhead).

**Additional national rules:** Applicants need to contact the Funding Contact Point.

**Topic Priorities:** Both research Areas 1 and 2.

## Norway



Applicants are advised that this annex is for general guidance only. For more detailed information on priorities, rules and regulations please refer to the regional call announcement and contact the Funding Contact Point.

**Funding Organisation:** Research Council of Norway (RCN)

**Funding Programme:** The funding is within the remit of the [portfolioplan](#) of Land-based food, the environment and bioresources.

### Funding Contact Point:

contact person:	email:	Telephone:
Thorbjørn Gilberg	<a href="mailto:thgi@rcn.no">thgi@rcn.no</a>	+47 22037433

### Terms and Conditions:

Norwegian project partners of financed projects will need to register to project with The Research Council of Norway after notification. Relevant Norwegian project partners will be contacted from the research council on the procedure. The Norwegian participation will be required to establish a contract with The Research Council including the [General Terms and Conditions for R&D Projects](#).

### Eligibility:

Only the Norwegian project partners of positively evaluated projects in the first step will be eligible for the second step.

### Eligibility of a partner as a beneficiary institution

[Public body](#)

[Industry](#)

[Research Organisations](#)

### Eligibility of costs

See RCN's [webpage](#) for rules on

- Researcher Projects
- Innovation Projects
- Collaborative and Knowledge-building projects



**Funding:**

1 million euro

**Admitted costs:**

The maximum grant for Norwegian participation is set to 400.000 € per proposal.

**Topic Priorities:**

Both topics

**Funding conditions**

The funding is within the remit of the [portfolioplan](#) of Land-based food, the environment and bioresources. Proposals with the main focus on animals of the aquaculture industry will not be funded.

More details in the national call announcement.

## Poland



Applicants are advised that this annex is for general guidance only. For more detailed information on priorities, rules and regulations please refer to the regional call announcement and contact the Funding Contact Point.

**Funding Organisation:** The National Centre for Research and Development (Narodowe Centrum Badań i Rozwoju) (NCBR)

<https://www.gov.pl/web/ncbr>

### Funding Programme:

Funding programme ERA-NET ICRAD (konkurs 2021):

<https://www.gov.pl/web/ncbr/platforma-konkursowa#/ncbr?sort=announcementDate,desc&currentPage=0&limit=10>

### Regional Contact Point:

contact person:	email:	telephone:
Krystyna Maciejko	krystyna.maciejko@ncbr.gov.pl	+48 22 39 07 489

### Terms and Conditions:

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 from 2021 item 478 as amended;
- The Act of 30 April 2010 on the National Centre for Research and Development, published in Journal of Laws from 2020 item 1861 as amended;
- The Regulation of the Minister of Science and Higher Education of 19 August 2020 on granting state aid by the National Centre for Research and Development, published in Journal of Law from 2020, item 1456, 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.

### Eligibility:

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).

#### 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).

#### Funding:

Budget: 750 000 €.

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

#### Admitted costs

The eligible costs shall be the following:

1. **personnel costs** (researchers, technicians and other supporting staff to the extent employed on the research project);
2. **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  $4 = (1+3) \cdot 25\%$ .

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 19 August 2020 on granting state aid by the National Centre for Research and Development, published in Journal of Laws item 1456, 2020.

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

Polish Participants will be informed and invited to submit Polish proposal once the international evaluation and the ranking list will be established.  
Only projects recommended for funding will be asked to submit a national application form.

In any case only Industrial Research and Experimental Development will be funded.  
Other type of activities (e.g. coordination, dissemination, management) cannot be included into separated task.

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

If more than one Polish entity participates in the project, the national application is submitted by a consortium of all Polish entities.

### **Topic Priorities:**

All research Areas

**More details in the national call announcement.**

## Russia



Applicants are advised that this annex is for general guidance only. For more detailed information on priorities, rules and regulations please refer to the regional call announcement and contact the Funding Contact Point.

**Funding Organisation:** Ministry of Science and Higher Education of the Russian Federation (MSHE)

**Funding Programme:** State Program of scientific and technological development of the Russian Federation

### Funding Contact Point:

contact person:	email:	telephone:
Ms. Albina Kutuzova (Ministry of Science and Higher Education of the Russian Federation (MSHE), Department of International Cooperation)	kutuzovaaa@minobrnauki.gov.ru	+7(495)5471370 add. 7836
Treshkin Sergey	treshkinse@minobrnauki.gov.ru	

### Terms and Conditions:

Applicants to the call who would like to request funding from Ministry of Science and Higher Education of the Russian Federation (MSHE) have to submit a national application within the State Program of scientific and technological development of the Russian Federation (web-site, to be confirmed).

Research proposals may be submitted by any Russian legal entities conducting research (government entities as well) except public establishment.

Projects shall not be a repetition of the research works performed in the previous periods and/or performed in terms of the project implementation at the expense of budgets of different levels and/or other sources.

The project participants' organisations should enter into a collaborative research agreement to specify how intellectual property rights will be handled, as well as indicate the distribution of work between the project participants' organisations, time-line of project implementation and allocated resources including funding per each year of work. The collaborative research agreement has to be signed by all collaborating organisations involved.

Project partners should report on the works performed annually.

### Eligibility:

All projects will be evaluated considering the following criteria:

- Science capacity and material-technical base of a project
- Competency, practical experience and scientific evidence of the project team
- Quality of the project

A project consortium must comprise project partners eligible for funding, of which at least one team eligible for funding from Russia.

### **Funding:**

The participants from Russia, applying for the funding from MSHE, can receive up to 50% of the total funding of the joint project. Funding is provided in Russian roubles.

The funding allocated by the foreign partners per calendar year is to be not less than 100% of the funding requested by the Russian applicant from MSHE for each year of the project.

**Total funding for the call is not more than €900,000 (approximately 65.7 mln RUR<sup>10</sup>).**

**Total funding for one project per calendar year is not more than €150,000 (approximately 7.3 mln RUR).**

### **Admitted costs:**

1. Costs of personnel: payments for the labour of employees engaged in the project.
2. Tangible costs, including consumables and supplies necessary for the project implementation.
3. Costs of durable equipment. However, this only includes equipment that does not form part of an institution's basic equipment (i.e. no laptops, notebooks or equipment which is regularly used by the applicants). It should be kept in mind that the purchase of equipment is to be justified in the proposal.
4. Subcontracting. As an exception, it is acceptable that certain parts that are not "core" parts of the project may be subcontracted. Subcontracting should be justified in the proposal.
5. Other direct costs, such as:
  - travel costs;
  - costs of shared knowledge centers' services;
  - preparation of specific scientific and technical information (documentation);
  - expenses for the usage of commercial patent and other informational resources;
  - expenses for test operations including the quality control of purchased consumables and supplies.
6. Overheads.

All the costs should be justified in the proposal.

### **Topic Priorities:**

1. Improved understanding of epidemic and emerging infectious animal diseases.
2. Generic technology platforms for producing novel and/or improved vaccines.
3. High throughput, and rapid, accurate and easy to use in-field detection technology.

**More details in the national call announcement.**

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<sup>10</sup> The exchange rate is as of 2019-08-19.

## Spain



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

**Funding Organisation:** Ministry of Science and Innovation represented by the Agencia Estatal de Investigación (AEI)

**Funding Programme:** Programa Estatal para Afrontar las Prioridades de Nuestro Entorno, [Plan Estatal de Investigación Científica y Técnica y de Innovación 2021-2023](#).

The instrument for funding Spanish groups will be the Spanish national call “Proyectos de Colaboración Internacional” (PCI). The applicants are advised to consult the national regulation in the [PCI 2020-1](#) for informative purposes.

The call will be managed by the [Subdivisión de Programas Científico-Técnicos Transversales, Fortalecimiento y Excelencia](#) of the Agencia Estatal de Investigación.

### Funding Contact Point:

Contacts:	email:	telephone:
Juan Climent	icrad@aei.gob.es	+34 916037242
Manuel Sánchez-Blanco		+34 916038447

### Terms and Conditions

<b>Purpose of funding</b>	The projects granted by the Agencia Estatal de Investigación must be aligned with the main objectives described in the Programa Estatal.
<b>Eligible Institutions</b>	The eligible institutions are non-profit research organizations such as Universities, Public Research Institutions, Technological Centers, and other Private non-profit Institutions performing RDI activities in Spain as their main activity.
<b>Eligible Applicants</b>	<p><b>Spanish Principal Investigators (PIs)</b> must hold a Ph-D and have experience as investigators in projects funded by the <i>Plan Estatal I+D+i 2013-2016</i>, <i>Plan Estatal I+D+i 2017-2020</i>, European Framework Programmes or other relevant national and international programmes. Spanish PIs must have a contractual relation with the beneficiary covering the expected total length of the project.</p> <p><b>Incompatibilities (these must be taken into account when participating in different ERA-Nets or other international initiatives):</b></p> <ul style="list-style-type: none"> <li>PIs will not be eligible for funding if applying in more than one proposal of this transnational call, in more than one proposal in the same PCI call and in PCI calls of consecutive years.</li> <li>PIs must remain unchanged between the proposal of this transnational joint call and the national PCI call.</li> </ul>
<b>Eligible Costs</b>	- Personnel costs for temporary contracts (PI contract excluded). Statutory personnel is not eligible for funding.



	<ul style="list-style-type: none"> <li>- Direct costs such as current costs, small scientific equipment, disposable materials, travelling expenses, coordination costs, and other costs that can be justified as necessary to carry out the proposed activities.</li> <li>- <b>Overheads (maximum 15%).</b></li> <li>- <u>Subcontracting special tasks to EU and non-EU countries</u> (i.e. IT services, etc) is allowed within the limits legally established.</li> </ul> <p>Project duration: Preferably 36 months</p>	
<b>Funding Commitment</b>	<b>Total Amount for the Call</b>	<b>Funding limits</b>
	€ 500.000 (national contribution)	<p>Maximum direct costs per proposal (indirect costs can be added to these amounts):</p> <p>If a Spanish Partner is NOT the Coordinator of the transnational project and:</p> <ul style="list-style-type: none"> <li>- there is only one Spanish applicant in the proposal: € 150.000</li> <li>- there are two Spanish applicants in the proposal: € 200.000 altogether</li> </ul> <p>If a Spanish Partner IS the Coordinator of the transnational project and:</p> <ul style="list-style-type: none"> <li>- there is only one Spanish Partner in the proposal: € 250.000</li> <li>- there are two Spanish Partners in the proposal: € 300.000 altogether</li> </ul> <p>These amounts refer to 3 years projects. In case of shorter projects, the amount will be adjusted accordingly.</p>
<b>Other Funding Criteria</b>	<ul style="list-style-type: none"> <li>• All topics will be funded</li> <li>• Only research and innovation activities will be eligible. Mere diffusion, communication or other activities will not be eligible for funding.</li> <li>• Agencia Estatal de Investigación will avoid double funding and will not finance projects or parts of projects already funded through other national or EU call</li> <li>• Compliance with the funding limits will be considered under the eligibility criteria. Proposals not respecting these limits could be declared ineligible.</li> <li>• The final funding will take into account the transnational evaluation of the collaborative proposal, the scientific quality of the Spanish group, the added value of the international collaboration, the participation of the industrial sector and the financial resources available.</li> </ul>	
<b>Relevant documents</b>	Applicants may consult the national regulation in the <a href="#">PCI 2020-1</a> for informative purposes.	
<b>Additional Info</b>	<p>In addition to the national regulations, specific rules of the consortium may be applicable within the transnational call; please read carefully the call text and all the related instructions.</p> <p>Projects duration should be between 24 and 36 months (preferable 36 months).</p> <p>Submission of proposals at the national level is not required at this stage.</p> <p>Projects will be funded through the instrument "Proyectos de Colaboración Internacional (PCI)" 2022.</p> <p>Submission of financial and progress reports on a yearly basis.</p>	
<b>Mandatory acknowledgement</b>	Any publication or dissemination activity resulting from the granted projects must acknowledge funding by the AEI: "Project (reference nº XX) funded by the Agencia Estatal de Investigación through the PCI (year) call".	
<b>Useful Links</b>	<a href="#">Agencia Estatal de Investigación – Calls and Grants</a>	

## Sweden



Applicants are advised that this annex is for general guidance only. For more detailed information on priorities, rules and regulations please refer to the regional call announcement and contact the Funding Contact Point.

**Funding Organisation:** The Swedish Research Council for Environment, Agricultural Sciences and Spatial Planning (FORMAS)

### Funding Contact Point:

contact person:	email:	telephone:
Alexandra Jeremiasson	Alexandra.jeremiasson@formas.se	+46 8 775 41 34

### Terms and Conditions:

Grants for research projects can only be administered by a Swedish university, university college or other Swedish public organisation that fulfils the grant administering organisation eligibility requirements of Formas.

[Who can become an administering organisation for all types of calls?](#)

### Ethical guidelines and open access

For information regarding Formas' ethical guidelines and issues concerning public and open access to research results and scientific data.

[Formas ethical policy](#)

[Open access to research results and data](#)

### Reporting of projects awarded funding

Each Swedish PI awarded funding must submit a financial and scientific report to Formas s within three months of the end of the availability period. For projects longer than 18 months, financial statements must be submitted each year. Please check:

[How to report expenses and results](#)

Swedish applicants involved in proposals invited to step 2 are requested to also submit a proposal to Formas/Prisma after instructions from Formas FCP

Please, also see the Call announcement on Formas home page

### Eligibility:

Principal applicants and co-applicants must have completed their PhD degree and be affiliated with a Swedish higher education institution, research institute or government agency with a research assignment that meets the FORMAS requirements for administering organisations.

[Who can apply for funding](#)

Other people participating in the project (e.g. doctoral students, technicians, lab assistants) do not need to have a doctoral degree.

**Funding:**

1 000 000 Euro

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)

Swedish applicants in a consortium must apply to FORMAS under one single project application. Project duration is 3 years.

**Admitted costs:**

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.
- 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.

**Topic Priorities:**

All Research Areas

**More details in the national call announcement.**

## Turkey



Applicants are advised that this annex is for general guidance only. For more detailed information on priorities, rules and regulations please refer to the regional call announcement and contact the Funding Contact Point.

**Funding Organisation:** Ministry of Agriculture and Forestry, General Directorate of Agricultural Research and Policies (TAGEM)

### Funding Programme:

#### Funding Contact Point:

contact person:	email:	telephone:
Dr. Erkan Taçbaş	erkan.tacbas@tarimorman.gov.tr	+90 312-307 60 09

### Terms and Conditions:

#### Eligibility:

General Directorate of Agricultural Research and Policies (TAGEM) is connected to the “Ministry of Agriculture and Forestry” and has 48 research institutes, 8 veterinary control institutes and Foot and Mouth Disease Research Institute, throughout the country. Only these institutes are eligible to benefit from our fund.

#### Funding:

Funding is only available for the research institutions affiliated to TAGEM.

Total amount allocated for this call is 200.000€.

For each consortium, maximum indicated budget per each TAGEM affiliated partner cannot exceed 50.000 €.

Where an affiliated institute has the coordinator role in the consortium, the maximum grant can be up to 100.000 € for each proposal.

#### Admitted costs:

#### Topic Priorities:

All research areas

## Turkey



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

**Funding Organisation:** The Scientific and Technological Research Council of Turkey (TUBITAK)

### Funding Programme:

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

### Funding Contact Point:

contact person:	email:	telephone:
Dr Hatice Mahur Turan	mahur.turan@tubitak.gov.tr	+903122989339

### Terms and Conditions:

#### Eligibility:

Pre-Proposal application form in Turkish should be uploaded TUBİTAK PBS.

Projects that aim routine/case study will be ineligible.

Projects that aim manufacturing and/or manufacturing infrastructure will be ineligible.

Banned coordinators/partners' projects will be ineligible.

Projects from the institutions of TAGEM will not be funded by TUBİTAK since will be ineligible.

#### Funding:

Total amount of funding: 600.000 €

Max. R&D funding per project:  $\approx$  100.000 € (1.000.000 Turkish Liras) without overhead and personel costs

Max. duration: 36 months

#### Admitted costs:

#### Topic Priorities:

All Research Areas

**More details in the national call announcement.**

## United Kingdom



Applicants are advised that this annex is for general guidance only. For more detailed information on priorities, rules and regulations please refer to the regional call announcement and contact the Funding Contact Point.

### Funding Organisation:

United Kingdom Research and Innovation , Biotechnology and Biological Sciences Research Council (UKRI BBSRC)

### Funding Programme

BBSRC-UKRI International Fund

### Funding Contact Point:

contact person:	email:	telephone:
Nikki Mackie	ICRAD@bbsrc.ukri.org	

### Terms and Conditions:

BBSRC supports the ERA-Net ICRAD call for proposals and encourages its community to apply for funding for collaborative research in the European Research Area through this call. Subject to scientific excellence, and all conditions of eligibility and peer review being fully met, BBSRC anticipates a contribution of up to €2.0M to the call.

Proposals are encouraged within a maximum UK budget of €0.75M per proposal.

All UK components submitted to this call will be subject to standard BBSRC funding criteria, as outlined in the BBSRC Grants Guide <https://bbsrc.ukri.org/documents/grants-guide/>

**Prospective applicants must contact the relevant contact person to ensure their proposal is within the remit of the call.**

### Eligibility:

Standard BBSRC eligibility criteria, as described in the BBSRC Grants Guide, will be applied to the UK component of applications submitted to this call. For detailed guidance, see Section 3 of the BBSRC Grants Guide: <https://bbsrc.ukri.org/documents/grants-guide/>

Applications must be submitted by UK Research Organisations that are eligible to receive funding from BBSRC. BBSRC will fund the UK partner of any successful transnational collaboration.

All enquiries about eligibility should be directed to [ICRAD@bbsrc.ukri.org](mailto:ICRAD@bbsrc.ukri.org).

### **Funding:**

**EUR 2,000,000.00**

### **Admitted costs:**

The UK academic component of applications must fall within the remit of BBSRC. BBSRC's 'Animal Health' strategic priority area is a good guide to our remit in relation to this call. In summary, research should focus on fundamental and strategic advances leading to interventions for combating endemic and exotic zoonotic diseases that reduce the health and welfare of either animals farmed for food production in the UK (and where appropriate, in the international context) or other domesticated animals of economic importance.

While we expect projects to be multidisciplinary, the primary focus and challenges of the UK component of the project should be biological rather than social or environmental. For more information on the research areas that BBSRC funds see:

<http://www.bbsrc.ac.uk/research/science-remit.aspx>.

If you are unsure if your proposal is within the remit of BBSRC, please contact [ICRAD@bbsrc.ukri.org](mailto:ICRAD@bbsrc.ukri.org)

BBSRC is not able to fund industrial partners, and any costs incurred, direct or otherwise, by industrial partners cannot be met by BBSRC. For further information about collaborative partnerships, see Section 2 of the BBSRC Grants Guide. The IPA and LINK schemes do not operate in this call.

Costs incurred by the UK academic partner as a direct result of working with the other consortium partners (such as visits to labs or exchange of materials) can be requested.

Studentships will not be supported by BBSRC as part of this call and students should not be included on the UK component.

The UK component of applications should be costed on the basis of full economic costing (fEC) as described in the BBSRC Grants Guide. If the grant is awarded, BBSRC will provide funding on the basis of 80% of fEC. Applicants must clearly justify all the requested resources. The submitting organisations must agree to find the balance of fEC for the project from other resources. Final awards from BBSRC will be made in British Pounds (GBP); costs listed in the ERA ICRAD application forms must be converted into Euros (EUR) using the exchange rate at the time of submission. UK applicants invited to prepare a full proposal will also be asked to complete a BBSRC proforma to ensure their proposal complies with the requirements of full economic costs.

For the UK component of successful proposals submitted this call, applicants will be required to submit an additional form through the Je-S system. Additional guidance will be provided to successful applicants. Grants will be subject to standard UKRI FEC Grants Terms and Conditions: <https://www.ukri.org/wp-content/uploads/2020/10/UKRI-291020-guidance-to-fEC-grant-terms-and-conditions.pdf>

Applicants requesting items of equipment costing over £10K (11,500 EUR) should note that additional justification will be required when submitting the proposal through Je-S and that the Research Organisation will be expected to make a contribution to the cost of the equipment. Further information is available at <https://www.ukri.org/councils/bbsrc/guidance-for-applicants/what-to-include-in-your-application/justification-of-resources/>

### **Ethical considerations:**

Applicants must ensure that all of the proposed research, both that in the UK and in partner country, will comply with the principles of BBSRC's and other UK funders' common guidance on "Responsibility in the use of animals in bioscience"



research” <https://bbsrc.ukri.org/documents/animals-in-bioscience-research-pdf/> In particular, UK Institutions should be aware of the following aspect of the guidance relating to research or collaboration outside the UK:

“When collaborating with other laboratories, or where animal facilities are provided by third parties, researchers and the local ethics committee in the UK should satisfy themselves that welfare standards consistent with the principles of UK legislation (e.g. the Animals (Scientific Procedures) Act 1986), and set out in this guidance, are applied and maintained. Where there are significant deviations, prior approval from the funding body should be sought and agreed.”

**Topic Priorities:**

BBSRC will support both research areas outlined in the call.

**More details in the national call announcement.**



## United Kingdom



Applicants are advised that this annex is for general guidance only. For more detailed information on priorities, rules and regulations please refer to the regional call announcement and contact the Funding Contact Point.

**Funding Organisation:** The Secretary of State for Environment, Food and Rural Affairs (DEFRA)

### Funding Contact Point:

contact person:	email:	telephone:
Simon Smith	simon.smith@defra.gov.uk	+4420 8026 8482

### Terms and Conditions:

Defra encourage applications in respect of the ICRAD call and anticipate a contribution up to €1.65M.

Proposals are encouraged within a maximum UK budget of €0.75m per proposal.

A funding agreement with Defra for successful proposal/s will be based on a standard Defra research contract, working within requirements set out in the ERAnet call.

Further information on research in Defra is available via this [link](#).

**Prospective applicants are encouraged to contact the relevant contact person to ensure their proposal is within the remit of the call.**

### Eligibility:

All enquiries about eligibility should be directed to the Defra contact point.

### Funding:

**EUR 1,650,000** total budget.

If total UK costs for a proposal are above €0.75m please discuss with the national contact point.

### Admitted costs:

Defra support research grants at full economic cost, including in respect of the ERAnet call.

### Topic Priorities:

Defra will support all three research areas outlined in the call.

**More details in the national call announcement.**