

## CO-FUNDED CALL FOR PROPOSALS

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

Deadline for submission of proposals:

**5th August 2020, 14:00 h CEST (Berlin)**

This document announces the first international call on infectious animal diseases within the framework of the ERA-NET Cofund on International Coordination of Research on Infectious Animal Diseases (ICRAD). ERA-NET ICRAD builds on the successful work of two predecessor ERA-NETs (EMIDA and ANIHWA) and the global network of animal health STAR-IDAZ under Framework Programme 7 (FP7).

The main purpose of this call, co-funded with the European Commission (EC), is to support multi-disciplinary research to improve animal health and welfare, addressing some of the key epidemic and (re)-emerging threats e.g. African Swine Fever and Animal Influenza, and developing novel detection and intervention strategies.

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 the co-funded call and a maximum of 6 independent entities. The consortium cannot include more than two partners from one country.

**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 5.1 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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## History of Changes to the Document

- The National Annex of Hungary was updated (Page 44, updated on 02<sup>nd</sup> July 2020)
- The National Annex of Turkey was updated (Page 66, updated on 09<sup>th</sup> June 2020)
- The National Annex of Russia was updated. (Page 58, updated on 17<sup>th</sup> March 2020)
- Correcting mistake (wrong deadline for pre-proposal submission), including the correct deadline (31<sup>st</sup> March 2020), (Page 17, update on 3<sup>rd</sup> February 2020).
- The National Annex of Denmark was updated. (Page 33, updated on 5<sup>th</sup> February 2020)
- The National Annex of Turkey was updated. (Page, 68, updated on 18<sup>th</sup> February 2020)
- Including the “History of Changes to the Document” Section (Page 3, updated on 19<sup>th</sup> February 2020)
- Insertion of text block concerning Brexit and withdrawal agreement (Page 14/15, updated on 21<sup>st</sup> February 2020)

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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 co-funded call.
- The **Funders Consortium (FC)** is the decision-making body of this co-funded 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)** will be formed by TUBITAK, ICISTE, FZJ, and MoH. The 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 MoH and ICISTE to the evaluation of the submitted pre-proposals and full proposals in the co-funded call.
- Each pre-proposal will be evaluated by at least two experts from the ISEC and each full proposal will be evaluated by at least three experts from the ISEC. One of the experts will be assigned as a rapporteur.
- A **rapporteur** is a member of the ISEC who shall report on a proposal during the ISEC evaluation meetings.

## Abbreviations

- ANIHWA: Animal Health and Welfare ERA-NET
- APC: Article Processing Charges
- ASF: African Swine Fever
- CS: Call Secretariat
- EC: European Commission
- EFSA: European Food Safety Authority
- EMIDA: Coordination of European Research Funding on Emerging and Major Infectious Diseases of Livestock
- EU: European Union
- FC: Funders Consortium
- FCP: Funding Contact Person
- FP7: Framework Programme 7
- ICRAD: International Coordination of Research on Infectious Animal Diseases
- 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

Animal health is a key and a fundamental pre-requisite to ensure and enable global food safety and security, public health, international trade, and to contribute to high standards of animal welfare. The World Organisation for Animal Health (OIE) estimates that morbidity and mortality due to animal diseases cause the loss of at least 20% of livestock production, resulting in the loss of at least 60 million tonnes of meat and 150 million tonnes of milk with an estimated value of approximately \$300 billion per year globally<sup>1</sup>. In addition, disease threats to the livestock industry have increased steadily over the past decades as a result of globalisation, evolving pathogens, extreme weather and climate change impacting pathogens and their vectors.

ERA-NET ICRAD aims to:

- support cross-cutting research to improve animal health and welfare and public health with associated benefits towards the environment and the economy;
- connect research partners with different but complementary scientific and technological expertise to maximise resources and share risks, costs and skills. The partnership between industrial and academic researchers, where appropriate, will improve and accelerate the development of technological solutions for the benefit of animal health and welfare.

Animal health is a global issue. To address its opportunities and challenges requires global coordination and partnership. Increased transnational coordination of the research efforts, joint funding of activities and sharing of results will address animal health challenges with a maximum of efficacy and efficiency.

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

1. Hermesfonds, represented by Flanders Agency for Innovation and Entrepreneurship (VLAIO), Belgium
2. Federal Public Service Health, Food Chain Safety and Environment (FPS Health), Belgium
3. The Research Foundation – Flanders (FWO), Belgium
4. Walloon Public Service – Economy, Employment & Research (SPW-Research), Belgium
5. Ministry of Environment and Food of Denmark (DAFA), Denmark
6. Ministry of Rural Affairs (MEM), Estonia
7. French National Research Agency (ANR), France
8. Federal Ministry of Food and Agriculture (BMEL) represented by the Federal Office of Agriculture and Food (BLE), Germany
9. General Secretariat for Research and Technology (GSRT), Greece
10. National Food Chain Safety Office (NEBIH), Hungary
11. Department of Agriculture, Food and the Marine (DAFM), Ireland
12. Ministry of Health (MoH), Italy
13. State Education Development Agency (VIAA), Latvia
14. Ministry of Agriculture of the Republic of Lithuania (ZUM), Lithuania
15. Ministry of Agriculture, Nature and Food Quality (MINLNV), The Netherlands

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<sup>1</sup> <http://www.rr-africa.oie.int/en/news/index.html>

16. Research Council of Norway (RCN), Norway
17. National Centre for Research and Development (NCBR), Poland
18. Ministry of Science and Higher Education of the Russian Federation (MSHE), represented by International Centre for Innovations in Science, Technology and Education (ICISTE), Russian Federation
19. The Ministry of Science, Innovation and Universities represented by the State Research Agency (AEI), Spain
20. The Swedish Research Council for Environment, Agricultural Sciences and Spatial Planning (FORMAS), Sweden
21. Federal Department of Home Affairs (FDHA), Switzerland
22. The Scientific and Technological Research Council of Turkey (TUBITAK), Turkey
23. United Kingdom Research and Innovation (UKRI), UK
24. The Secretary of State for Environment, Food and Rural Affairs (DEFRA), UK

## 2. Scope of the Co-funded Call

### Scope

The overall goal of the ICRAD co-funded call is to support cross-cutting research to improve animal health and by consequence animal welfare, focusing on key epidemic and (re)-emerging threats and developing novel vaccine technology platforms and diagnostics.

ICRAD will cover viral, bacterial, fungal, parasitic infections and multifactorial diseases with particular emphasis on African Swine Fever (ASF) and Animal Influenza. An additional goal will be to improve the understanding of broader animal infectious disease issues e.g. systems-based studies that integrate host/pathogen research with the epidemiology, and population dynamics of disease, pathogenesis, ecology, evolution, animal farming practices and transmission, resulting eventually in better prevention of disease and reduction of antimicrobial usage.

An important focus will be on the role of wildlife and vectors in the emergence and transmission of infectious diseases to livestock, and related disease surveillance and control to contribute to animal health activities, in particular by the European Food Safety Authority (EFSA) and the World Organisation for Animal Health (OIE).

Vaccines represent a highly cost-effective intervention for disease prevention and are a vital tool in the fight against infectious diseases. In addition, new and improved vaccines have been identified as an essential component in strategies to reduce reliance on antimicrobials (OIE *ad hoc* Groups on prioritisation of diseases for which vaccines could reduce antimicrobial use in animals, 2015<sup>2</sup> and 2018<sup>3</sup>). There is a need to investigate new methods of generating vaccines and to understand better ways to design vaccines that drive long-lasting and protective memory responses. Therefore, ICRAD will also focus on research on safe and effective vaccines, and generic technology platforms for producing novel and/or improved vaccines. Vaccination strategies, including the tools to differentiate infected animals from vaccinated ones (DIVA vaccines) are encouraged to be addressed.

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<sup>2</sup>[https://www.oie.int/fileadmin/SST/adhocreports/Diseases%20for%20which%20Vaccines%20could%20reduce%20Antimicrobial%20Use/AN/AHG\\_AMUR\\_Vaccines\\_Apr2015.pdf](https://www.oie.int/fileadmin/SST/adhocreports/Diseases%20for%20which%20Vaccines%20could%20reduce%20Antimicrobial%20Use/AN/AHG_AMUR_Vaccines_Apr2015.pdf)

<sup>3</sup>[https://www.oie.int/fileadmin/SST/adhocreports/Diseases%20for%20which%20Vaccines%20could%20reduce%20Antimicrobial%20Use/AN/AHG\\_AMUR\\_Vaccines\\_ruminants\\_May2018.pdf](https://www.oie.int/fileadmin/SST/adhocreports/Diseases%20for%20which%20Vaccines%20could%20reduce%20Antimicrobial%20Use/AN/AHG_AMUR_Vaccines_ruminants_May2018.pdf)

Other priority research areas encompass preventive measures such as enhanced biosecurity measures and improved or novel diagnostics for better and earlier detection of a disease and its onset and spread. Such measures might utilise high throughput diagnostics and rapid, accurate and easy to use in-field diagnostics technology and/or real-time detection and follow-up of pathogens in time and space.

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 (e.g. WAHIS<sup>4</sup><sup>[3]</sup> and ADNS<sup>5</sup><sup>[4]</sup> systems).

## Objectives

Research and innovation co-funded through ICRAD should seek a concerted approach towards the development of novel and improved instruments to address and control infectious diseases, particularly regarding novel detection, intervention and prevention strategies to:

- increase preparedness and ability to respond to emerging and endemic livestock threats
  - by improving control of specific infectious animal diseases, in particular those where the role of wildlife and vectors are prominent, by further understanding epidemiology, ecology and means of surveillance and control
  - by providing new generic tools, systems for better prevention and improved preparedness to react to infectious animal disease outbreaks, in particular by designing and developing new or improved vaccines, diagnostic and surveillance tools and vaccination/immuno-stimulation strategies
  - by improved translation of key knowledge on the host and pathogen interaction and pathogen transmission into pathways for means of prevention, detection and control of animal infectious diseases
- contribute to the reduction of antimicrobial and antiparasitic use in livestock and minimising the development of resistance for the benefit of animal and public health
- contribute to animal welfare by better prevention of diseases and renewed animal management and farming systems, and
- on a larger scale, contribute to food security and competitive and sustainable livestock systems, by reducing the burden of disease and reducing the impact on international animal trade.

## Call Topics

The ICRAD co-funded call covers the major groups of infectious diseases of animals (including fishes and bees), and infections by viral, bacterial, parasitic and fungal pathogens, prions, and multifactorial diseases, with particular emphasis on ASF and animal influenza.

The priorities for this co-funded call, in addition to the recent emerging threats e.g. ASF and Animal Influenza, are drawn from priorities identified by STAR-IDAZ IRC<sup>6</sup> and OIE<sup>7</sup> (especially

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<sup>4</sup> <https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/sfs-31-2019>

<sup>5</sup> <https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/sfs-31-2019>

<sup>6</sup> <https://www.star-idaz.net/>

<sup>7</sup> [http://www.oie.int/fileadmin/SST/adhocreports/Diseases%20for%20which%20Vaccines%20could%20reduce%20Antimicrobial%20Use/AN/AHG\\_AMUR\\_Vaccines\\_Apr2015.pdf](http://www.oie.int/fileadmin/SST/adhocreports/Diseases%20for%20which%20Vaccines%20could%20reduce%20Antimicrobial%20Use/AN/AHG_AMUR_Vaccines_Apr2015.pdf)

concerning Research Area 2) and those highlighted in the SCAR-CWG-AHW Strategic Research Agenda<sup>8</sup>.

This co-funded call for research is open to international research proposals addressing one or more objectives under the following three Research Areas taking into account the exclusions mentioned on page 9. The research projects need to focus on one Research Area primarily.

Studies of wildlife reservoirs and vectors are included if they focus on their role in the emergence, transmission and/or maintenance of disease in livestock.

An additional goal will be to improve the understanding of wider animal infectious disease issues e.g. systems-based studies that integrate host/pathogen research with the epidemiology, and population dynamics of disease, pathogenesis, ecology, evolution, animal farming practices and transmission, including farmer behaviour.

### **Research Area 1: Improved understanding of epidemic and emerging infectious animal diseases**

The focus is to support research on developing a fundamental understanding of host, pathogen and their interactions including knowledge of the epidemiology of the disease, which includes an understanding of the agents and hosts in their natural environment.

Projects on viral, bacterial and parasitic diseases where wildlife and vectors play a prominent role are encouraged, with a priority of projects on ASF and Animal Influenza.

Projects on non-foodborne zoonoses, and multifactorial diseases to reduce antimicrobial and antiparasitic usage are also welcome.

- **Host/vector/pathogen interactions:** the biological context that involves, for example understanding the biology of pathogens, their virulence mechanisms, and the interactions between a pathogen, vector and its host
- **Epidemiology:** including the role of host, wildlife, vectors, environment and other reservoirs under different epidemiological scenarios, and their effect on transmission, maintenance and dissemination of the disease
- **Host immunology:** e.g. better understanding of the host immune response, protective immunity, and immunogenetics; role of pathogens in inducing effective immune mechanisms in surviving animals; mechanisms of viral persistence in the host.

### **Research Area 2: Generic technology platforms for producing novel and/or improved vaccines**

The aim is to develop tools and generic technologies for producing novel and/or improved vaccines that are designed to prevent infection rather than to prevent the clinical signs of disease and should wherever possible result in complete protection.

Approaches to induce mucosal, as well as systemic immunity and other preventive methods to block shedding of pathogens in diverse host species would be a priority.

Special attention should also be paid to new and improved vaccines and vaccine technologies, allowing to reduce the need for antimicrobials and antiparasitics in animal production.

Areas of particular interest include:

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<sup>8</sup> [https://www.scar-cwg-ahw.org/wp-content/uploads/2018/04/Final-Report-CWG-AHW-CASA\\_updated-EU-AH-SRA.pdf](https://www.scar-cwg-ahw.org/wp-content/uploads/2018/04/Final-Report-CWG-AHW-CASA_updated-EU-AH-SRA.pdf)

- new approaches to antigen selection and production
- novel tools e.g. vectors, adjuvants, immunological reagents
- new vaccinology technologies using e.g. synthetic and omic approaches for generating novel and/or improved vaccines including techniques for vaccine delivery and thermostabilisation
- vaccine administration
- development of DIVA vaccines that allow differentiation between infected and vaccinated animals
- multivalent vaccines.

Proposals addressing research gaps identified by experts and members of STAR-IDAZ International Research Consortium in candidate vaccine development roadmaps<sup>9</sup> are particularly encouraged.

**Research Area 3: High-throughput, rapid, accurate and easy to use in-field detection technologies**

In recent years, there has been a significant thrust in the development of animal disease diagnostics and pathogen detection toward rapid methods that are simple, sensitive, specific, reproducible and low-cost.

The development and application of diagnostic technologies, including point of care use and sequence analysis, will also play an increasing role in epidemiological analysis and to support disease control policies.

The application and evaluation of smart technologies (including novel farming systems) for the early detection of health and welfare problems is also encouraged.

Consideration of these advances and their utility in an international context (and more extensive tools and methods; such as microfluidics, microarrays and lab-on-a-chip devices), emphasises the need for harmonisation of standards and methodologies and the analysis and interpretation of associated data, including to support disease/pathogen detection, characterisation and subsequent epidemiological analysis.

Accurate, rapid and low-cost diagnostics and real-time pathogen surveillance are within the focus of this area, as are methods to quantify the presence of the pathogen(s) where relevant. In addition, it will focus on underpinning technology e.g. non-invasive sampling methodologies.

**Exclusions:**

- Research with the central aim to develop an ASF vaccine (development of an ASF vaccine is covered by another EU call: SFS-12-2019: A vaccine against African Swine Fever). *However, research with the aim to better understanding of e.g. the ASF –virus, host-pathogen interaction and the immunological reaction by the host that may contribute to future ASF vaccine production is accepted.*
- Food-borne zoonoses (covered by One Health EJP)
- Research on development of new antimicrobials

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<sup>9</sup> <https://roadmap.star-idaz.net/#/34wCF>

### 3. Timeline

| <b>Submission of research project proposals</b>                    |  |
|--|--|
| 31st January 2020  | Launch of the co-funded call   |
| <b>First step: submission of pre-proposals</b>                     |  |
| 31st March 2020, 14:00 CET   | Deadline for pre-proposal submission   |
| June 2020  | Communication of eligibility check and evaluation outcomes to the research project coordinators – Start of second step |
| <b>Second step: submission of full proposals</b>                   |  |
| 5th August 2020, 14:00 CEST  | Deadline for full proposal submission  |
| November 2020  | Communication of the evaluation outcomes and the funding recommendation to the research project coordinators           |
| <b>National/Regional grant agreements</b>                          |  |
| 1st quarter 2021   | Start of research projects   |
| <b>Funded research project monitoring and seminars (estimated)</b> |  |
| 2nd quarter 2021   | Initial grant holders meeting  |
| 4th quarter 2022   | Mid-term grant holders meeting   |
| 4th quarter 2022   | Mid-term report  |
| 3rd quarter 2024   | Final dissemination meeting  |
| 3rd quarter 2024   | 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 with the Funding Contact Persons (ANNEX I).**

Contributions are given in Million € (M€), 2.0 M€ = 2.000.000€

| Country            | Funding Organisation  | National/regional call contribution |  | Research Area |     |     |
|--------------------|---|-------------------------------------|--|---------------|-----|-----|
|                    |   | Total (M€)                          | max. Per project (M€)                                      | 1             | 2   | 3   |
| Belgium – Flanders |  Hermesfonds, represented by the Flanders Agency for Innovation and Entrepreneurship (VLAIO)                       | 2.0                                 | 0.5, per partner   | yes           | yes | yes |
| Belgium            |  Federal Public Service Health, Food Chain Safety and Environment (FPS Health)                                     | 0.2                                 |  | yes           | no  | no  |
| Belgium – Flanders |  The Research Foundation – Flanders (FWO)  | 0.7                                 | 0.35   | yes           | yes | yes |
| Belgium – Wallonie |  Walloon Public Service (SPW-Research)   | 0.5                                 |  | yes           | yes | yes |
| Denmark            |  Ministry of Environment and Food of Denmark (DAFA)  | 0.5                                 | 0.3  | yes           | no  | yes |
| Estonia            |  Ministry of Rural Affairs (MEM)   | 0.1                                 | 0.1  | yes           | no  | yes |
| France             |  French National Research Agency (ANR)   | 1.0                                 | 0.35, max. 0.2 per partner, 0.25 if partner is coordinator | yes           | yes | yes |
| Germany            |  Federal Ministry of Food and Agriculture (BMEL) represented by the Federal Office of Agriculture and Food (BLE) | 1.0                                 | 0.35   | yes           | yes | no  |

| Country            | Funding Organisation  | National/Regional call contribution |                              | Research Area |     |     |
|--------------------|---|-------------------------------------|------------------------------|---------------|-----|-----|
|                    |   | Total (M€)                          | max. Per Project (M€)        | 1             | 2   | 3   |
| Greece             |  General Secretariat for Research and Technology (GSRT)  | 0.75                                | 0.2 or 0.25, if coordinating | yes           | yes | yes |
| Hungary            |  National Food Chain Safety Office (NEBIH)   | 0.5                                 | 0.2                          | yes           | yes | yes |
| Ireland            |  Department of Agriculture, Food and the Marine (DAFM)   | 0.5                                 |                              | yes           | no  | yes |
| Italy              |  Ministry of Health (MoH)  | 0.5                                 | 0.3                          | yes           | yes | yes |
| Latvia             |  State Education Development Agency (VIAA)   | 0.3                                 | 0.07, per year               | yes           | yes | yes |
| Lithuania          |  Ministry of Agriculture of the Republic of Lithuania (ZUM)   | 0.15                                | 0.15                         | yes           | yes | yes |
| The Netherlands    |  Ministry of Agriculture, Nature and Food Quality (MINLNV)   | 1.0                                 | 0.25                         | yes           | yes | no  |
| Norway             |  Research Council of Norway (RCN)  | 1.0                                 | 0.3                          | yes           | yes | yes |
| Poland             |  The National Centre for Research and Development (NCBR)   | 0.6                                 | 0.2 per Partner              | yes           | yes | yes |
| Russian Federation |  Ministry of Science and Higher Education of the Russian Federation (MSHE) represented by International Centre for Innovations in Science, Technology and Education (ICISTE) | 0.9                                 | 0.15 per year                | yes           | yes | yes |

| Country  | Funding Organisation  | National/Regional call contribution |                              | Research Area |     |     |
|--|---|-------------------------------------|------------------------------|---------------|-----|-----|
|  |   | Total (M€)                          | max. Per Project (M€)        | 1             | 2   | 3   |
| Spain  |  Ministry of Science, Innovation and Universities represented by the State Research Agency (AEI)   | 0.3                                 | 0.15 or 0.2, if coordinating | yes           | yes | yes |
| Sweden   |  The Swedish Research Council for Environment, Agricultural Sciences and Spatial Planning (FORMAS) | 1.35                                | 0.3 or 0.5, if coordinating  | yes           | yes | yes |
| Switzerland  |  Federal Department of Home Affairs (FDHA)   | 0.39                                | 0.19 or 0.2, if coordinating | yes           | yes | yes |
| Turkey   |  The Scientific and Technological Research Council of Turkey (TUBITAK)                            | 0.6                                 | 0.15                         | yes           | yes | yes |
| United Kingdom   |  United Kingdom Research and Innovation, (UKRI)  | 2.0                                 |                              | yes           | yes | yes |
| United Kingdom   |  The Secretary of State for Environment, Food and Rural Affairs (DEFRA)                          | 0.55                                |                              | yes           | yes | yes |
| <b>Total of national/ regional call contributions:</b> |   | <b>17.39</b>                        |                              |               |     |     |

## NOTICE

**The Funding Organisations SPW-Research, ZUM and MSHE are currently not beneficiaries of the ERA-NET ICRAD Action. The inclusion of these beneficiaries will be confirmed by the signature of a Grant Agreement amendment.**

**The composition of the ICRAD consortium will be updated when the Grant Agreement amendment with the EC is agreed and signed.**

## 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 all 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 **31st of March 2020 (14:00 CET)** using the template provided via the ERA-NET ICRAD submission website ([www.submission-icrad.eu](http://www.submission-icrad.eu)).
- The project duration for pre- and full proposals must not exceed 3 years ending no later than 31st of March 2024.
- Researchers can contribute to more than one research proposal submitted to the ICRAD co-funded 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.

#### Consortium structure

The following beneficiaries of the ICRAD ERA-NET (DTU - excluding personnel of the National Veterinary Institute, FZJ, DEMETER, NÉBIH, IZSAM, TUBITAK and TAGEM) may exceptionally apply for funding under the co-funded call for proposals. For these beneficiaries measures to mitigate the risk of, perception of, or de facto conflict of interest (Col) or unequal treatment of applicants have been established in the Grant Agreement.

All the other beneficiaries of the ICRAD ERA-NET not listed here may not apply for funding under the co-funded call for proposals.

- 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 the co-funded call and a maximum of 6 eligible independent entities. The consortium cannot include more than two partners from one country.
- The UK became a third country on 1 February 2020 on the basis of a Withdrawal Agreement that came into force on the same day. The agreement provides for a transition period until 31 December 2020 during which Union law continues to apply to and in the UK. The Withdrawal Agreement foresees that UK-based legal entities will continue to be fully eligible to participate and receive funding in the current 2014-2020 EU programmes, as if the UK were a member state until the closure of these programmes. This means that UK beneficiaries can continue – without interruption - to receive grants awarded under Horizon 2020 until their end dates, even if these are after 2020.
- **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 will be rejected without being evaluated.**

- Applicants from countries not participating in the ERA-NET are welcome in research consortia, but cannot receive funding from the ERA-NET. The 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 additional 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 for national/regional funding from the Funding Organisation participating in the co-funded call. These non-funded partners will also count towards the maximum number of 6 partners. The majority of participants in a consortium (at least half plus one) must be eligible for the funding by the ICRAD Funding Organisations participating in this co-funded call.

#### 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” on page 7. 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-proposal 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 the ICRAD meetings (Section 3).

## 5.2 Submission

The application process is two-phased (pre- and full proposal phases). 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 31<sup>st</sup> of March 2020, 14:00 CET.**

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

First, 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 (incl. curriculum vitae and list of relevant publications),
- 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 for offline use will be provided on the submission homepage [www.submission-icrad.eu](http://www.submission-icrad.eu).

The project description may not exceed 20,000 characters including spaces (~ 5 pages DIN A4, Arial 11pt, line pitch 1.15) and should:

- provide a scientific/technological overview,
- specify the expected project impact and relevance to the call scope and Research Area,
- describe the scientific quality of the project

- d) explain the composition of the consortium
- e) describe the added value for the 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.

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.

Applicants should also note that core data cannot be changed in full proposals, in particular, neither the composition of the consortia nor the funding requested by each partner in the second step unless explicitly requested in the evaluation feedback. If there are changes necessary due to unforeseen events those need to be communicated by the Coordinator to the Call Secretariat and all changes need to be approved by the FC.

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

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

### 5.2.2 Full proposal submission

**The deadline for full proposal submission is the 5th of August 2020, 14:00 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.

Applicants should remember that core data cannot be changed in full proposals, in particular, neither the composition of the consortia nor the funding requested by each partner in the second step unless explicitly requested in the evaluation feedback. If there are changes necessary due to unforeseen events, those need to be communicated by the Coordinator to the CS and all changes need to be approved by the FC.

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.de](http://www.submission-icrad.de))

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 evaluation secretariat (ES). The eligibility check will focus on the “General Eligibility Criteria (see page 14)” 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 2 experts per pre-proposal.

The ES will ensure that Conflict of Interest is avoided. Conflict of Interest will be described in detail in the evaluators Guideline 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 time-frame).
- 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. The scoring system uses a 5-point scale for each review criteria, only full scores are allowed.

Scoring system:

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.

The threshold value for each criterion must be at least 3 for a pre-proposal to be considered for invitation to the full proposal phase. The overall score will be calculated as the sum of the

three mean scores per criterion, with all three criteria equally weighted. There is no overall threshold for the pre-proposal phase.

The International Scientific Evaluation Committee (ISEC) will meet and discuss the pre-proposal evaluations and recommend on those that should be invited to submit a full proposal. The FC will meet to decide which proposals will be accepted 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 time-frame).
- 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 time frame).

Evaluation scores will be awarded for the three main criteria, and not singularly for the different aspects listed below the criteria. The scoring system uses a 5-point scale for each review criteria, only full scores are allowed.

In a second ISEC meeting (full proposal phase ISEC meeting), each full proposal will be jointly evaluated by the ISEC members on the basis of the written individual evaluation reports. Again, one ISEC member will be assigned as rapporteur for each full proposal. The respective rapporteurs will summarize the project proposals. . After proposal discussion, ISEC members should agree on a consensus scoring per criterion.

For a full proposal to be considered for funding, the **threshold mark** for each individual criterion (consensus score) will be **3**. The overall score will be calculated as the sum of the three consensus scores per criterion, with all three criteria weighted equally. The threshold for the overall score is 9.

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 three Research Areas.

An independent observer, to be appointed by the FC, shall assess the conformity of the implementation of the joint call and, in particular, review the proper implementation of the independent international peer review and the establishment of the ranking list of transnational projects. The observer will prepare a report about its findings.

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.

### 5.3.3 Complaint Mechanism

A mechanism according to Article 16 of the REGULATION (EU) No 1290/2013 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 11 December 2013 to ensure the independent and fair treatment of complaints related to the call, and in particular for complaints related to unequal treatment of applicants is available for applicants who consider that:

- their proposal (or participation) was unlawfully rejected for ineligibility
- the evaluation of their proposal was not carried out properly

Applicants may submit a review request in writing up to 14 calendar days after receiving the eligibility/evaluation result at the end of each stage (first or second stage). It is mandatory to use the template available online on the submission homepage ([www.submission-icrad.eu](http://www.submission-icrad.eu)). Review requests must be related to eligibility checks (including cases of unequal treatments of applicants) or to the evaluation process of the proposal as described in the call documents.

## 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. This call is co-funded by the European Union, and therefore, all proposals must describe ethical issues raised and how they will be addressed so as 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 in cooperation with work package leaders of WP2 and WP3 will address and discuss the report with coordinator of the proposal in order 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.

As potential applicant, TUBITAK will exceptionally be allowed to be involved in the selection process (except in the selection of experts for the ISEC) since the group participating in ICRAD belongs to the TUBITAK headquarters, who is the main R&D&I funding body of Turkey located in Ankara. The personnel of TUBITAK headquarters is leading WP3 ("Evaluation and proposal selection for the co-funded call"), and are responsible for evaluation and selection of projects. The TUBITAK research institutes that may apply to the co-funded call are the research performing bodies located in Istanbul. The TUBITAK research institutes have separate management boards and financial departments. The TUBITAK research institutes will not be involved in any of the activities related to ICRAD and any conflict of interest is avoided by a clear segregation of duties. In addition TUBITAK will not participate in the constitution and the establishment of the International Scientific Evaluation Committee (Task 3.1) led by MoH.

No other ICRAD Funding Organisation with potential Conflict of Interest will participate in any part of the evaluation procedure.

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. Experts will sign a confidentiality agreement. 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 co-funded call, applicants consent to the use, processing and retention of their personal data<sup>10</sup>, in accordance with article 6.1 (e) and (c) 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 co-funded call;
- reporting to the European Commission/ Research Executive Agency (REA) on the co-funded call;
- providing aggregate data to national and European surveys and analyses on the co-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 ERA-NET ICRAD consortium 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 co-funded 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 co-funded 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 like 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/projectdatacollectiontemplatervisedapril2018.xlsx>.

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<sup>10</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, project 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, but no later than the journals embargo period. 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 1.-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.”
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 at the same starting date. In case of an asynchronous project start of partners the maximum project duration of 36 months applies for each partner. The latest possible end date is 31st March 2024. 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 for the preparation of a consortium agreement: DESCA). 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.

## 6.4 Project monitoring

### 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. Furthermore, the objectives of the reporting (mid-term and final) will be to measure project progress and contribution to overall aims of this ERA-NET.

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

### 6.4.2 Grant holders meetings

The coordinators of the funded projects are obliged to present their projects at three 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,
- a **final grant holders meeting**, presenting the final reports including research results and assessment of possible impact and future actions;

Participation will be obligatory for Project Coordinators of the funded projects to all three 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.

## 6.5 Dissemination and communication

Applicants to the co-funded 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

Belgium



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

**Funding Programme:** Contractual Research

#### Funding Contact Point:

| contact person: | email:                    | telephone:      |
|-----------------|---------------------------|-----------------|
| Ria Nouwen      | Ria.Nouwen@health.fgov.be | +32 2 524 90 92 |

#### Terms and Conditions:

##### Eligibility:

All Belgian research institutions may apply for funding by FPS Health – Contractual Research.

##### Funding:

A total amount of €200.000 is available for the co-funded 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 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 coordinator and 10% of these costs for the other promoters
  - specific operational costs : all the special operational costs that are directly related to the project's execution
- 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 projects submitted for Research Area 1 - Improved understanding of epidemic and emerging infectious animal diseases are eligible for funding.**

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

## Belgium – Flanders



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

**Funding Organisation:** Hermesfonds, represented by the Agency for Innovation and Entrepreneurship - Flanders (VLAIO)

### Funding Programme:

Research Projects (1) <https://www.vlaio.be/onderzoeksproject>

Development Projects (2) <https://www.vlaio.be/ontwikkelingsproject>

LA trajectories (3) <https://www.vlaio.be/la-trajecten>

### Funding Contact Point:

| contact person:  | email:                   | telephone:         |
|------------------|--------------------------|--------------------|
| Kirezi Kanobana  | kirezi.kanobana@vlaio.be | +32 (0)2 432 42 11 |
| Hendrik De Bondt | hendrik.debondt@vlaio.be | +32 (0)2 432 42 00 |

### Terms and Conditions:

#### Eligibility:

- Additional templates to be completed and to be submitted online to VLAIO @ same deadline as international call.
- We kindly ask to apply for a meeting with VLAIO ultimately 2 weeks before the international submission deadline to check the eligibility.
- Check submission criteria in the guidelines of the respective programmes.
  - Research Projects (1) <https://www.vlaio.be/onderzoeksproject>
  - Development Projects (2) <https://www.vlaio.be/ontwikkelingsproject>
  - LA trajectories (3) <https://www.vlaio.be/la-trajecten>

#### Funding:

max. 500 K EUR per funded partner.

Total funding available: 2 MEUR (1.5 MEUR for Research/Development Projects, 500 KEUR for LA trajectories.)

**Admitted costs:** check 'aanvaardbare kosten in innovatiesteun-projecten' @ [www.vlaio.be](http://www.vlaio.be).

**Topic Priorities:** Research Areas 1, 2 and 3

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

## Belgium – Flanders



Applicants are advised that this annex is for general guidance only. For more detailed 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:

- 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:      |
|---|--|-----------------|
| Alain Deleener<br>Policy Advisor Strategic<br>Research Programmes | <a href="mailto:eranet@fwo.be">eranet@fwo.be</a> | +32 2 550 15 95 |
| Toon Monbaliu<br>Advisor Research Affairs                         | <a href="mailto:eranet@fwo.be">eranet@fwo.be</a> | +32 2 550 15 70 |

### Terms and Conditions:

#### Eligibility:

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

- For Fundamental research projects, <https://www.fwo.be/en/fellowships-funding/research-projects/junior-and-senior-research-projects/regulations-projects-2019/> (Obligatory ZAP position for PI FWO)
- For Strategic Basic Research projects, <https://www.fwo.be/en/fellowships-funding/research-projects/sbo-projects/regulations-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).
- In total, the FWO foresees a budget of 700.000 EUR, which allows funding 2-3 projects.
- For the overhead calculation the fundamental (FO) and strategic research projects (SBO) differ:

- **FO:** a 6% structural overhead should be calculated on the direct costs. E.g.: the sum of all costs (personnel, consumables, travel, etc.) amount to 300.000 EUR, then the overhead will amount to 18.000 EUR (6% of 300.000 EUR) and the total requested cost 318.000 EUR. This total requested cost may never exceed 350.000 EUR (for additional information see chapters 7 and 8 in the project regulations).
- **SBO:** The SBO cost model applies.

**So beware, the funding rules differ per FWO funding channel (FO and SBO)!**

**Admitted costs:**

- Only temporary personnel can be remunerated.
- For FO cost categories see chapters 7 and 8 of the regulations.
- For SBO cost categories see the SBO cost model.

**Topic Priorities:**

- All 3 Research Areas are fundable, if they fit the appropriate funding channels' scope.

**Other:**

- Should no limitations be in place on the call coordination level, one and the same researcher can only participate in 2 different research projects/consortia when applying for FWO funding, within the same call.
- The FWO Strategic Basic Research Projects, next to the fundamental research projects, are also integrated in this call, with specific regulations. It is, in the light of the projects' eligibility, of utmost importance to respect these rules, e.g. when it comes to the mandatory valorisation aspect. **It is consequently strongly advised to contact the FWO contact points mentioned above, in order not to jeopardize any research projects/consortia.**

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

## Belgium – Wallonia



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

**Funding Organisation:** Walloon public Service – Economy, Employment & Research (SPW Research)

### **Funding Programme:**

International Projects general Programme

### **Funding contact Point:**

Nicolas Delsaux – [Nicolas.delsaux@spw.wallonie.be](mailto:Nicolas.delsaux@spw.wallonie.be) - +32 81 33 45 20

### **Terms and Conditions:**

#### **Eligibility :**

- SMEs, large industries, research centers, Universities and Colleges are eligible.
- 40% of the Walloon budget must be allocated to a Walloon enterprise;
- The project cannot receive double funding;
- The budget for the Walloon partners should follow the SPW-Research cost model;
- The funding rate will be the maximum allowed by the decree of the 3rd of July 2008;
- The beneficiary must have a stable financial situation;
- The beneficiary must have Operational offices and perform R&D activities in Wallonia;
- The project must add benefit to the regional economy;
- **A Walloon complementary funding request's form must be submitted to the SPW-Research by the same deadline as the international deadline.**

### **Funding:**

Indicative funding available: 500 KEUR. No limit per project.

**Admitted costs:**

Personnel, operating, equipment and subcontracting costs are eligible.

Conditions and details can be found here: <https://recherche-technologie.wallonie.be/fr/menu/ressources/reporting-financier/dossiers-de-creance-aides-generales.html>.

**Topic Priorities:**

None

**More details in the regional call webpage:**

<https://recherche-technologie.wallonie.be/fr/menu/acteurs-institutionnels/service-public-de-wallonie-services-en-charge-de-la-recherche-et-des-technologies/departement-de-la-recherche-et-du-developpement-technologique/direction-des-programmes-de-recherche/era-nets/icrad/icrad.html>

## Denmark



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 Environment and Food 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 | +45 41892521 |

### 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>
- Proposed projects must be in line with the national Call announcement, which will be published [www.lbst.dk](http://www.lbst.dk)
- 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:**

Broad animal health in particular ASF and animal flue within

Research Area 1) *Improved understanding of epidemic and emerging infectious animal diseases* and research and

Research area 3) *High-throughput, rapid, accurate and easy to use in-field detection technology*

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

## Estonia



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 Rural Affairs (MEM)

### Funding Programme:

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

### Funding Contact Point:

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

**Admitted costs:**

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

**Topic Priorities:**

Research Area 1 “Improved understanding of epidemic and emerging infectious animal diseases” and Research Area 3 “High throughput, and rapid, accurate and easy to use in-field detection technologies” will be funded. Please note that proposals addressing ASF will be prioritized.

**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:        |
|-----------------|-------------------------------|-------------------|
| Sophie Gay      | ICRADCalls@agencerecherche.fr | +33 1 78 09 80 39 |

### 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 <http://www.agence-nationale-recherche.fr/RF> for more details.

ANR may finance Partners that have their primary establishment in France and/or Partners established in the EU and that can prove that they have a secondary establishment in France.

Within this framework, public research institutions such as EPST, EPIC, Universities, University hospitals as well as most French public interest foundations can apply, in general for up to 100% of direct costs. This list is not comprehensive and funding rates vary. Please consult <http://www.agence-nationale-recherche.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 refer to <http://www.agence-nationale-recherche.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.

**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/2020/aap-icrad-2020-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 rules and regulations please refer to the national call announcement and contact the Funding Contact Point

### Funding Organisation:

**Federal Ministry of Food and Agriculture (Bundesministerium für Ernährung und Landwirtschaft, BMEL) represented by the Federal office for Agriculture and Food (BLE)**

### Funding Programme:

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

### Funding Contact Point:

The BMEL is represented by the **Federal Office for Agriculture and Food (BLE), Unit 325 - European Research Affairs**

| contact person: | email:                | telephone:        |
|-----------------|-----------------------|-------------------|
| Lisett Martin   | lisett.martin@ble.de  | +49 228 6845-3639 |
| Babette Breuer  | babette.breuer@ble.de | +49 228 6845-2925 |

### Terms and Conditions:

#### Eligibility:

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

- The funding regulations, follow-up and reporting of publicly funded projects are regulated according to NABF (Nebenbestimmungen des Bundesministeriums für Bildung und Forschung für Zuwendungen zur Projektförderung auf Ausgabenbasis) and NKBF-2017 (Nebenbestimmungen des Bundesministeriums für Bildung und Forschung für Zuwendungen zur Projektförderung auf Kostenbasis an Unternehmen der gewerblichen Wirtschaft für Forschungs- und Entwicklungsvorhaben).
- Proposed projects must be in line with the above mentioned national announcement.
- Funding will be awarded as non-repayable project grant.
- Eligible applicants are universities, universities of applied sciences, non-university research institutions, SMEs domiciled in Germany as well as Federal and State institutions with research tasks are eligible to apply. Research institutions which are jointly funded by the Federal Government and the ‚Länder‘ may only be granted project funding under certain conditions and only for project-related expenditures in addition to their basic funding.

**Funding:**

The budget committed for this call is 1.000.000 €. The maximum amount for each project has to not exceed 350.000 €. The max. Project duration is 36 month.

**Admitted costs:**

**Topic Priorities:**

Research Area 1 “Improved understanding of epidemic and emerging infectious animal diseases”

and

Research Area 2 “Generic technology platforms for producing novel and/or improved vaccines”

will be funded.

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

Greece



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:** General Secretariat for Research and Technology (GSRT)

**Funding Programme:** “*Operational Programme for Research, Entrepreneurship and Innovation 2014-2020, National Research and Innovation Strategy for Smart Specialization 2014-2020 (RIS3)*”

**Funding Contact Point:**

| contact person:   | email:   | telephone:        |
|---|--|-------------------|
| Paraskevi Afentaki<br>National Coordinator of<br>ERANETS<br>Ministry for Development and<br>Investments<br>General Secretariat for Research<br>& Technology<br>International S&T Cooperation<br>Directorate<br>Bilateral and Multilateral<br>Cooperation Section<br>14-18 Messogeion Ave., 115 10<br>Athens, Greece | <a href="mailto:pafe@gsrt.gr">pafe@gsrt.gr</a> | +30 213 13 00 112 |

**Terms and Conditions:**

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

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

**Aid of intensity:**

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

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

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

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

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

**(i)** the project involves effective collaboration:

- between undertakings among which at least one is an SME, or is carried out in at least two Member States, or in a Member State and in a Contracting Party of the EEA Agreement, and no single undertaking bears more than 70 % of the eligible costs, or

- between an undertaking and one or more research and knowledge-dissemination organisations, where the latter bear at least 10 % of the eligible costs and have the right to publish their own research results;

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

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

**Duration of the projects:**

The duration of a funded project is 24 months - 30 months. A possible extension to 30 months of the duration under conditions can be accepted, for the projects with a project duration of 24 months with a maximum up to the 1/3 of the initial duration taking into account without modifying the scientific or financial part of the project and taking into account the starting date without modifying the scientific or increasing the financial part of the project and the prerequisites of the time frame of the current Operational Programme 2014-2020 (e.g. closing date for financing the projects in at the national level).

**Evaluation:**

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

**Eligibility:**

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

(b) costs on fixed assets i.e. b1) costs of instruments and equipment to the extent and for the period used for the project. Where such instruments and equipment are not used for their full life for the project, only the depreciation costs corresponding to the life of the project, as calculated on the basis of generally accepted accounting principles are considered as eligible and b2) costs for buildings and land, to the extent and for the duration period used for the project. With regard to buildings, only the depreciation costs corresponding to the life of the project, as calculated on the basis of generally accepted accounting principles are considered as eligible. For land, costs of commercial transfer or actually incurred capital costs are eligible.

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

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

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

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

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

**Funding EUR 750.000,00 “Operational Programme for Research, Entrepreneurship and Innovation 2014-2020, National Research and Innovation Strategy for Smart Specialization 2014-2020 (RIS3)”**

#### **Admitted costs:**

##### **– Upper funding limits for the eligible costs**

Upper limit of the total public funding will be 200.000 € per project (including indirect costs). Please note that this amount can be increased to 250.000 € per project if Greek partner assumes the project coordination. The maximum state aid intensity will be calculated according to the provisions of the European state aid rules and regulations in force (type of research activity, size of the participating enterprise, collaborative research).

#### **Topic Priorities:**

All subtopics from all three Research areas with main focus on sheep and goats, bees and fish (Compatibility with RIS3)

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

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

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

**National requirements:**

***Submission at the national level is required at a later stage.*** A national call will be published to support the approved, at the transnational level, proposals only. Detailed information on the procedure and the funding rules will be provided at the GSRT website in the guidelines of the national call, during the submission period.

For more information please contact the FCP.

## Hungary



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:** National Food Chain Safety Office (NEBIH)

**Funding Programme:** National Food Chain Safety Office research fund

### Funding Contact Point:

| contact person: | email:               | telephone:       |
|-----------------|----------------------|------------------|
| Gyula Kasza     | kaszagy@nebih.gov.hu | + 36 20 454 8418 |

### Terms and Conditions

#### Eligibility:

NEBIH supports the following legal entities:

- Public R&D institutions: research institutes, universities, their institutes and research centres, as defined by Point 9. of 3. § of the Hungarian national Act No. 76. of 2014 on Scientific research, development and innovation
- Micro, small and medium size enterprises, as defined by 3. § of the Hungarian national Act No. 34 of 2004 on Small and medium size enterprises and their development support

#### Funding:

Maximum of 200,000 EUR per project can be requested by each project. In total, NEBIH foresees funding of 2-3 projects.

The aid intensity can reach 100% for the R&D institutions and 50% for the small and medium size enterprises.

Duration of a project – up to 36 months.

#### Admitted costs:

Eligible project costs are:

Direct costs:

- Personnel costs incl. personal taxes,

- Other direct costs such as consumables, equipment, materials and etc.,
- Subcontracts (up to 25% of total direct costs),
- Travels costs.

Indirect costs (can reach a maximum of 10% of the total direct costs exempt subcontracting).

**Topic Priorities:**

All themes/topics are fundable, preferably on animal health epidemiology, if they fit the appropriate funding channels' scope.

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

Ireland



Applicants are advised that this annex is for general guidance only. For more detailed 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:        |
|-----------------|---------------------------------|-------------------|
| Eoin Riordan    | eoin.riordan@agriculture.gov.ie | +353 (0)1 6072847 |

**Terms and Conditions:**

Applications must include at least two Irish RPOs, each accounting for at least 10% of the overall combined grant requested from DAFM. 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:**

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

**Funding:**

The total indicative funding provided by DAFM in respect of this Call shall not exceed €500,000.

**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

**Topic Priorities:**

Research Area 1: Endemic and emerging infectious animal diseases

Research Area 3: High-throughput, rapid, accurate and easy to use in-field detection technologies

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

Italy



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 Health (MoH)

**Funding Programme:** Ricerca Corrente

**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 3 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 500.000 euros. The maximum amount for each project has to not exceed 300.000 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 rules and regulations please refer to the national 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 67047865 |

### 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 VAA 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 rules and regulations please refer to the national call announcement and contact the Funding Contact Point

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

### Funding Programme:

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

### Funding Contact Point:

| contact person:     | email:                     | telephone:   |
|---------------------|----------------------------|--------------|
| Justina Vaišvilaitė | justina.vaisvilaite@zum.lt | +37052391203 |

## Terms and Conditions

### Eligibility:

Funding will be provided to the Lithuanian participants complying with the international research funding rules for 2015–2020 set up by the Ministry of Agriculture. The rules are available on the following link:

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

### Funding:

The total budget for the call is 150.000 €, with maximum funding at 150.000 € per project.

### Admitted costs:

### Topic Priorities:

All Research Areas

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

The Netherlands



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 Agriculture, Nature and Food Quality (MINLNV)

**Funding Programme:** Open programming Sustainable Animal Productions

**Funding Contact Point:**

| contact person:    | email:                   | telephone:    |
|--------------------|--------------------------|---------------|
| Françoise Divanach | f.t.m.divanach@minInv.nl | 0031703786083 |

**Terms and Conditions:**

The maximum project duration is 3 years.

**Eligibility:**

**Funding:** 1.000.000 euro in total, with a maximum funding of 250.000 euro per project.

**Admitted costs:**

**Topic Priorities:** Research Areas 1 and 2

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

Norway



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:** Research Council of Norway (RCN)

**Funding Programme:** BIONÆR

**Funding Contact Point:**

| contact person:       | email:     | Telephone:  |
|-----------------------|------------|-------------|
| Anicke Brandt-Kjelsen | anb@rcn.no | +4795999540 |

**Terms and Conditions:**

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

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

**Eligibility:**

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

**Funding:**

approx..1 million euro

**Admitted costs:**

The maximum grant for Norwegian participation is set to 300.000 € per proposal.

**Topic Priorities:**

All Research Areas

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

Poland



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 National Centre for Research and Development (Narodowe Centrum Badań i Rozwoju) (NCBR)  
[www.ncbr.gov.pl](http://www.ncbr.gov.pl)

**Funding Programme:**

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

**Regional Contact Point:**

| contact person:                                 | email:   | telephone:        |
|---|--|-------------------|
| Kinga Szymańska-Rzeźnik,<br>Project Coordinator | <a href="mailto:kinga.szymanska@ncbr.gov.pl">kinga.szymanska@ncbr.gov.pl</a> | + 48 22 39 07 457 |

**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 item 1668 as amended;
  - The Act of 30 April 2010 on the National Centre for Research and Development, published in Journal of Laws from 2018 item 1249 as amended;
  - The Regulation of the Minister of Science and Higher Education of 25 February 2015 on criteria and rules on granting state aid and “de minimis” aid by the National Centre for Research and Development, published in Journal of Law from 2015, item 299, which is in line with the Commission Regulation (EU) No 651/2014 of 17 June 2014 declaring certain categories of aid compatible with the internal market in application of Articles 107 and 108 of the Treaty (General Block Exemption Regulation)
- \* The Regulation of the Minister of Science and Higher Education of 17 September 2010 on the detailed mode of performance of tasks of the National Centre for Research and Development, published in Journal of Laws No. 178, item 1200.

**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, published in Journal of Laws item 1770, 2019;).

#### Additional eligibility criteria

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

#### Funding:

Budget: 600 000 €

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  $4=(1+3)*25\%$ .

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 25 February 2015 on criteria and rules on granting state aid and “de minimis” aid by the National Centre for Research and Development, published in Journal of Laws item 299, 2015.

|                                    | <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/Applied Research</b> | Up to 50+15 (max 65 %)   | Up to 50+10+15 (max 75 %) | Up to 50+20+15 (max 80 %)      | Up to 100 %                                    |
| <b>Experimental development</b>    | Up to 25+15 (max 40 %)   | Up to 25+10+15 (max 50 %) | Up to 25+20+15 (max 60 %)      | Up to 100 %                                    |

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

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

**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 rules and regulations please refer to the national 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<br>add. 7836 |
| Ms. Irina Kuklina (ICISTE)   | kuklina@mniop.ru, ikouklina@mail.ru | +7(495)6603429              |
| Ms. Anastasia Zadorina (ICISTE)  | zadorina@mniop.ru                   | +7(495)6603429              |

### 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>11</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>11</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, Innovation and Universities represented by the State Research Agency (AEI)

**Funding Programme:** Programa Estatal de Investigación, Desarrollo e Innovación Orientada a los Retos de la Sociedad, Plan Estatal de Investigación Científica y Técnica y de Innovación 2017-2020.

The instrument for funding Spanish groups will be the Spanish national call Programación Conjunta Internacional (PCI) (or its equivalent). The applicants are advised to consult the national regulation in the PCI 2019 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:

|                 |                  |               |
|-----------------|------------------|---------------|
| contact person: | email:           | telephone:    |
| Ana Barra       | icrad@aei.gob.es | +34 916038398 |

### 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 as per national call such as Universities, Public Research Institutions, Technological Centers, and other Private non-profit Institutions performing RDI activities in Spain.  |
| <b>Eligible Applicants</b>   | <p><b>Mandatory:</b></p> <ul style="list-style-type: none"> <li>Spanish Principal Investigators must be eligible under the PCI call (or its equivalent) and must have experience as investigators in projects funded by the Plan Nacional I+D+i 2008-2011, the Plan Estatal I+D+i 2013-2016, ERC Grants, European Framework Programmes or other relevant national or international programmes.</li> </ul> <p><b>Incompatibilities:</b></p> <ul style="list-style-type: none"> <li>Principal Investigators are not allowed to apply for funding in more than one proposal under this call for proposals nor in more than one proposal under the PCI national call (or its equivalent). In addition, Principal Investigators are not allowed to apply for funding in two consecutive PCI calls (or its equivalent). This must be taken into account when participating in different ERA-Net calls or other international initiatives.</li> <li>Principal Investigators must remain unchanged between the proposal of this transnational call and the PCI national call (or its equivalent).</li> </ul> |
| <b>Eligible Costs</b>        | <ul style="list-style-type: none"> <li>Direct costs such as: <ul style="list-style-type: none"> <li>✓ Personnel costs for temporary employment contracts (scholarships are not eligible).</li> <li>✓ Current costs, small scientific equipment, disposable materials, travelling expenses, coordination cost, and other costs that can be justified as necessary to carry out the proposed activities.</li> </ul> </li> <li>Indirect costs (overheads) or clinical assays (proofs of concept, proofs of principle) are not eligible for funding in the PCI call.</li> </ul>  |

|                                  | Total Amount for the Call  | Maximum Amount Per Partner   | Maximum Amount Per Proposal (in case 2 or more partners apply for funding to AEI)   |
|----------------------------------|--|--|---|
| <b>Funding Commitment</b>        | € 300.000,00 (national contribution)   | <ul style="list-style-type: none"> <li>– € 150.000,00 per Partner</li> <li>– € 50.000,00 per Consortium Coordinator</li> </ul> | <ul style="list-style-type: none"> <li>– € 175.000,00 per all Partners</li> <li>– € 50.000,00 per all Partners in case one of them is Consortium Coordinator</li> </ul> |
| <b>Other Funding Criteria</b>    | <ul style="list-style-type: none"> <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 calls</li> <li>• <b>Compliance with the funding limits will be considered under the eligibility criteria. Proposals not respecting these limits could be declared ineligible.</b></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>        | Acciones de Programación Conjunta (or its equivalent). Applicants may consult the national regulation in the <a href="#">PCI 2018</a> for informative purposes.  |  |   |
| <b>Additional Info</b>           | 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. Projects duration should be between 24 and 36 months.   |  |   |
| <b>Mandatory acknowledgement</b> | Any publication or dissemination activity resulting from the granted projects must acknowledge funding by the Agencia Estatal de Investigación: “Project (reference nº XX) funded by the State Research Agency through PCIN (or its equivalent)”.  |  |   |
| <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 rules and regulations please refer to the national call announcement and contact the Funding Contact Point

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

**Funding Programme:** Annual Open Call

**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 administrating organisation eligibility requirements of Formas. Please check: [Formas Eligible Institutions](#)

Ethical guidelines and open access

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

<http://www.formas.se/en/Financing/Ethical-Policy/>

Reporting of projects awarded funding

Each Swedish PI awarded funding must submit a financial and scientific report to Formas when the project has ended.

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:**

To be eligible to apply for grants from Formas, main applicants and co-applicants must have a doctoral degree. Other people participating in the project (e.g. doctoral students, technicians, lab assistants) do not need to have a doctoral degree.

**Funding:**

1 350 000 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)

**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.**

## Switzerland



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:** Federal Department of Home Affairs (FDHA)

### Funding Programme:

No specific programme, see research priorities [here](#).

### Funding Contact Point:

| contact person:    | email:                      | telephone:       |
|--------------------|-----------------------------|------------------|
| Dr. Gerard Gremaud | gerard.gremaud@blv.admin.ch | +41 58 462 95 56 |

### Terms and Conditions:

- Funding for Swiss partners in an ERA-Net ICRAD consortia is granted according to national regulations, which are stated in the "Bundesgesetz vom 14. Dezember 2012 über die Förderung der Forschung und der Innovation (FIG)".
- An electronic copy of the pre-proposal and of the full proposal must be sent to the Funders Contact Point (FCP) no later than the closing date for pre-proposals and full proposals respectively.
- The application must be in accordance with the Swiss legal regulations for animal research and research with genetically modified organisms.

### Eligibility:

- Eligible are personnes working for a public and private research institutions as well as small and medium enterprises (SME), if they are legally established in Switzerland.
- This is also applicable for subcontractor (the subcontractor need to be clearly defined in the proposal)
- Research topic should not be redundant with other projects already funded on Swiss territories.

### Funding:

- The overall funding amount for Swiss partners in the first call of the ERA-Net ICRAD is EUR 390.000.
- The BLV has a maximum funding per partner for this call: each partner can be funded with a maximum amount of 190 000 €. This amount is increased to 200 000 € for coordinator partner.

- The funding will be granted as a global contribution, usually one third as an advance payment, one third as an intermediate payment after the midterm reporting and one third as a final payment after the final reporting.
- The formalities of each contribution will be regulated in a contract between the FDHA and the corresponding research partner.
- Swiss budget must be justified and clearly described in the proposal (e.g. in the partner information's part).
- Budget for salary for staff in permanent positions in public institute (such as Agroscope and University) is not eligible for funding

**Admitted costs:**

- Funding does not cover expenditures for activities carried out before the start date of the project.

**Topic Priorities:**

- Rapid, accurate and easy to use in-field diagnostics technologies, with focus on ASF
- Methods to reduce the susceptibility / increase the resistance of animals to disease, with focus on pigs and ASF and other economically relevant diseases.
- Approaches that reduce the need for antimicrobial use in livestock.

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

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 | +903122981271 |

**Terms and Conditions:**

**Eligibility:**

Legal permission and ethical committee approval letters must be completed before full proposal stage, if necessary.

Pre-Proposal application form in Turkish should be sent to TUBİTAK.

Projects that aim routine/case study will be eliminated in pre-proposal stage.

Projects that aim manufacturing and/or manufacturing infrastructure will be eliminated in the pre-proposal stage.

Banned coordinators/partners' projects will not be evaluated.

**Funding:**

Total amount of funding: 600.000 €

Max. R&D funding per project:  $\approx$  150.000 € (1.000.000 Turkish Liras)

Max. duration: 36 months

**Admitted costs:**

**Topic Priorities:**

All Research Areas

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

United Kingdom



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:**

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:         |
|---------------------|--------------------------------|--------------------|
| Dr. Ceri-Wyn Thomas | ceri-wyn.thomas@bbsrc.ukri.org | +44 (0)1793 413350 |

**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 2.2M EUR to the call.

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 Call Secretariat 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 infectious diseases (including vector borne and zoonotic disease) 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. Research underpinning the 'One Health' concept is encouraged for infectious diseases of zoonotic origin.

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/files/funding/ukri-fec-grant-terms-and-conditions-jun19-pdf/>

Applicants requesting items of equipment costing over £10K (11,000 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/files/funding/tcs/equipment-guidance-pdf/>

### **Topic Priorities:**

BBSRC will support all three 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 rules and regulations please refer to the national 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:    |
|-----------------|----------------------------|---------------|
| Scott Sellers   | scott.sellers@defra.gov.uk | 0208 026 4051 |

For more information please contact the Defra representative

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