



ERA-NET  
**SUSAN**  
EUROPEAN RESEARCH AREA ON  
SUSTAINABLE ANIMAL PRODUCTION

# European Research Area on Sustainable Animal Production Systems

## SusAn

## Call Announcement

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## Amendments

1. The **Netherlands** Organisation for Scientific Research (NWO) published a link to the national announcement in the national annex (Annex D).
2. The Agency for Innovation by Science and Technology – Flanders (IWT), **Belgium** changed to Flanders Innovation and Entrepreneurship (VLAIO).
3. The Ministry of Agriculture (MZE) from **Czech Republic** had to withdraw from this Call due to reasons of Force Majeure. Czech researchers can participate but will have to provide their own funding (see 5.1.2).
4. The maximum requested funding per project from the Federal Ministry of Food and Agriculture (BMEL), **Germany** is € 300,000.
5. Clarification on the species relevant for this call: exclusion of fish and aquaculture (page 5).
6. The Hellenic Agricultural Organization (DIMITRA) from **Greece** will participate with in kind contribution to this Call. Greek researchers from other organisations may participate but will have to provide their own funding (see eligibility in chapter 5.1.2).
7. Clarification on applicants from non-funding Parties: proof of resource availability and no coordination (chapter 5.1.2)

Please also visit the ERA-NET **SusAn** website <http://www.era-susan.eu/>

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## 1. Scope and Objectives of the Co-funded Call

Members of the SCAR Collaborative Working Group on Sustainable Animal Production (CWG-SAP) agreed that future development of the European Animal Production sector will need to build on the sustainability triangle of economic competitiveness, social acceptability and environmental protection. Partners in this ERA-NET believe that concerted effort and progress towards the development of a more Sustainable European Animal Production sector, requires interdisciplinary systems research with multiple objectives to address all three challenges, instead of tackling them individually, to maximise benefits and minimise trade-offs.

### Scope

The overall goal of this co-funded call is to mobilise resources and motivate different actors from the animal production sector to cooperate in transnational research consortia towards the development of a more sustainable animal production sector in Europe. This shall help to secure sufficient supplies of high quality animal products from resource-efficient, competitive and low-carbon primary animal production systems, that are valued by society, provide ecosystem services, and safeguard and further enhance the environment.

More detailed information on the scientific excellence, scope and background for ERA-NET **SusAn** is available in Annex A.

The ERA-NETS SusAn and ERA-GAS (ERA-NET for Monitoring and Mitigation of Greenhouse Gases from Agri- and Silvi-Culture) will avoid overlap: please note that ERA-GAS will launch a call for research proposals in 2016.

### Objectives

Research and innovation on sustainable animal production co-funded in ERA-NET **SusAn** should seek synergies between a broad range of interests and approaches which address a number of high-level objectives, towards the development of Sustainable Animal Production systems in Europe, as presented below:

- » To improve the competitiveness and resilience of the entire animal production chain;
- » To make prudent and efficient use of natural and non- or poorly renewable resources (e.g. water, fossil fuels, land, nutrients and genetics);
- » To make more efficient utilisation of feed, taking into account land use and quality to achieve an optimum balance between the competition for food and feed production;
- » To consider opportunities for converting non-edible feedstuffs into valuable human edible protein sources and other animal products;
- » To produce animal products which are of high quality and represent good value for money for consumers and the processing industry;
- » To minimise emissions to soils and water (e.g. nitrate, nutrients, pesticides and drug residues) and to the atmosphere (e.g. GHG, ammonia, aerosols, odours and dust);
- » To protect and enhance biodiversity and ecosystems, and provide public goods (e.g. soil protection, water and carbon and nitrogen cycles) and cultural services (e.g. natural landscape, local breeds and regional products);
- » To develop systems meeting societal needs and values, for example high standards of animal health and welfare, including minimising the use of antibiotics to limit the risk and development of antibiotic resistance, and avoid resistance to other therapeutics;
- » To provide worthy livelihoods for current and future generations of animal farmers and farm workers, including training and up-skilling of managers and staff, as well as providing pathways for career progression within businesses over time.

## Call Topics

This co-funded call for research is open to transnational research proposals which take a systems and interdisciplinary approach to research to address multiple objectives under the following three Research Areas:

- Research Area 1:** Improve the productivity, resilience and competitiveness of European Animal Production
- Research Area 2:** Improve and manage resource use to reduce waste and enhance the environmental sustainability of European Animal Production
- Research Area 3:** Improve on-farm practices to enhance consumer acceptability and address societal challenges associated with animal welfare, product quality and safety, biodiversity and provision of ecosystem services.

## Approaches to research proposals

The European animal production landscape is very diverse and complex, consisting of different species, farmed within a wide range of different extensive, semi-intensive and intensive production systems using multiple resources to produce a diverse range of animal products and other services. Therefore, challenges and complexities can only be effectively addressed through collaborative interdisciplinary systems research within a framework which supports all three pillars of sustainability (economy, environment and society) and targets opportunities for research and innovation spanning all key areas of animal production (e.g. health and welfare, feeding and nutrition, reproduction, breeding and genetics, husbandry, housing, nutrient management and economics).

Research effort and knowledge exchange activities should be directed at the major terrestrial species (e.g. beef and dairy cattle, sheep, goats, pigs & poultry), but may include other (e.g. rabbits, mink, foxes, reindeer, farmed game and bees). [Please note that fish and aquaculture are excluded.]

Although feed production is an essential component of sustainable animal production systems, for example with regard to closing nutrient cycles, research primarily focusing on improving crop and forage production is considered to be excluded from the scope of this ERA-NET.

Research efforts should focus on “pre-farm gate” activity, i.e., production of primary products (e.g. finished livestock, milk and eggs) but can also consider on-farm management and husbandry interventions that have impacts either up- or down-stream of the entire supply chain (e.g. land use change, product quality, processing costs, waste, and consumer behaviour).

**Consortia are encouraged to submit cross-cutting research proposals which address all three Research Areas, and build on the sustainability triangle of economic competitiveness, social acceptability and environmental protection**, as a concerted effort towards the future development of a sustainable and thriving European Animal Production sector. Proposals targeting either one or two of the Research Areas will also be considered, provided that impacts across all three Research Areas and the sustainability triangle are addressed.

Research proposals should be underpinned with scientific innovation and excellence, and take a systems approach based on interdisciplinary and multi-actor expertise reflecting the diversity and complexity of Sustainable Animal Production in Europe.

Instead of focusing on individual elements, research proposals should take an integrated and cross-cutting approach that considers sustainability and delivers multiple benefits to animal productivity, competitiveness, product quality and safety, health and welfare, best practice and consumer acceptability. Where possible SMEs and other stakeholders should be encouraged to participate in the consortia, to enhance impact, facilitate knowledge exchange and uptake of results to deliver measurable benefits to Sustainable Animal Production in Europe.

Research proposals should show evidence of added value and synergies with existing national and transnational research activities and also synergy with CAP implementation and current use of structural or national funds in the area of sustainable animal production. Duplication of existing activities should be avoided. Research proposals should submit a detailed plan for the dissemination of results; including transfer of research outputs into products and services, and knowledge exchange to meet the aims of **SusAn**.

## 2. Definitions

- » The **Call Secretariat**, hosted by Projektträger Jülich, Forschungszentrum Jülich GmbH, Germany, is the central contact point for applicants regarding all technical and general issues of the proposal submission.
- » The **Call Steering Committee (CSC)** is the decision-making body and consists of one representative of each ERA-NET **SusAn** partner organisation providing cash funding to the Co-funded Call (Funding Party).
- » Research projects selected in this **co-funded call** will be funded by Funding Parties and co-funded by the European Commission.
- » The **International Evaluation Committee (IEC)** is the expert group that will be assigned to the evaluation of submitted project proposals in the Co-funded Call.
- » Each Funding Party in this co-funded call has nominated a **National/Regional Contact Point (NCP/RCP)** to provide information on national/regional funding rules and procedures (see Annex C).

### 3. Timeline

| Submission of research project proposals        |  |
|---|--|
| 04.01.2016                                      | Launch of the Co-funded Call   |
| First step: submission of pre-proposals         |  |
| 29.03.2016 – 12:00 CET                          | Deadline for pre-proposal submission   |
| 06.06.2016                                      | Eligibility check and pre-proposal evaluation  |
| 13.06.2016                                      | Rebuttal option  |
| 11.07.2016                                      | Communication of eligibility check and evaluation outcomes to the research project coordinators– Start of step 2 |
| Second step: submission of full proposals       |  |
| 09.09.2016 – 12:00 CET                          | Deadline for full proposal submission  |
| 28.10.2016                                      | Full proposal evaluation   |
| December 2016                                   | Communication of the evaluation outcomes and the funding recommendation to the research project coordinators     |
| National/Regional grant agreements              |  |
| December 2016/<br>January 2017                  | Research grant agreement negotiations  |
| February/March 2017                             | Start of research projects   |
| Funded research project monitoring and seminars |  |
| March 2017                                      | Initial project seminar  |
| October 2018                                    | Mid-term training seminar  |
| November 2018                                   | Mid-term report  |
| October 2020                                    | Final project seminar  |
| November 2020                                   | 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 National/Regional Contact Point.**

| Country            | Funding Party  | National/regional call contribution |                  | Research Area |     |     | Specific priorities  |
|--------------------|--|-------------------------------------|------------------|---------------|-----|-----|--|
|                    |  | total                               | max. per project | 1             | 2   | 3   |  |
| Austria            |  Federal Ministry of Agriculture, Forestry, Environment and Water Management (BMLFUW) | 200.000 €                           | 200.000 €        | yes           | yes | yes | Problems addressed in the project must have a clear Austrian dimension; projects must have explicit added value for Austria. |
| Belgium - Flanders |  Flanders Innovation and Entrepreneurship (VLAIO)                                     | 1.000.000 €                         | 300.000 €        | yes           | yes | yes | Interdisciplinary research proposals will be prioritized.  |
| Belgium - Wallonia |  Public Service of Wallonia (SPW)  | 300.000 €                           | 200.000 €        | yes           | yes | yes | -  |
| Denmark            |  The Ministry of Environment and Food (DAFA)  | 1.000.000 €                         | 250.000 €        | yes           | yes | no  | Sustainable intensive animal production.   |
| Estonia            |  Ministry of Rural Affairs (MEM)  | 100.000 €                           | 100.000 €        | yes           | yes | yes | -  |

| Country | Funding Party   | National/regional call contribution |                  | Research Area |     |     | Specific priorities  |
|---------|---|-------------------------------------|------------------|---------------|-----|-----|--|
|         |   | total                               | max. per project | 1             | 2   | 3   |  |
| Finland |  Ministry of Agriculture and Forestry (MMM)                      | 200.000 €                           | 200.000 €        | yes           | yes | yes | -  |
| France  |  Agence Nationale de la Recherche (ANR)                          | 2.000.000 €                         | 200.000 €        | yes           | yes | yes | -  |
| Germany |  Federal Ministry of Food and Agriculture (BMEL)                 | 2.000.000 €                         | 300.000 €        | yes           | yes | yes | -  |
| Ireland |  Teagasc - Agriculture and Food Development Authority            | 264.000 €                           | 88.000 €         | yes           | yes | yes | Proposals should accord priority to research effort and knowledge exchange activities in sheep, beef and dairy cattle. |
| Ireland |  Department of Agriculture, Food the Marine (DAFM)               | 736.000 €                           | 245.333 €        | yes           | yes | yes | Proposals should accord priority to research effort and knowledge exchange activities in sheep, beef and dairy cattle. |
| Italy   |  Ministry of Agricultural, Food and Forestry policies (MIPAAF) | 150.000 €                           | 150.000 €        | yes           | yes | yes | Strategic Plan 2014-2020 for Innovation and Research in the Agricultural, Food and Forestry Sector.                    |
| Italy   |  Ministry of Health (MoH)                                      | 500.000 €                           | 300.000 €        | yes           | yes | yes | Animal health and welfare.   |

| Country         | Funding Party  | National/regional call contribution |                  | Research Area |     |     | Specific priorities   |
|-----------------|--|-------------------------------------|------------------|---------------|-----|-----|---|
|                 |  | total                               | max. per project | 1             | 2   | 3   |   |
| Latvia          |  State Education Development Agency (VIAA)                      | 200.000 €                           | 200.000 €        | yes           | yes | yes | Smart Specialization Strategy of Latvia, specialization area - knowledge-based bio-economics.   |
| Lithuania       |  Ministry of Agriculture of the Republic of Lithuania (MoA ZUM) | 100.000 €                           | 100.000 €        | yes           | yes | yes | -   |
| The Netherlands |  Netherlands Organisation for Scientific Research (NWO)         | 750.000 €                           | 250.000 €        | yes           | no  | yes | Research Area 1 and 3. Projects may touch Research Area 2 (please contact NCP).   |
| Norway          |  The Research Council of Norway (RCN)                           | 1.050.000 €                         | 220.000 €        | yes           | yes | yes | Participation in the call should be in line with the programme on Sustainable Innovation in Food and Bio-based Industries (BIONAER). Proposals within the marine sector / fisheries are <u>not</u> invited, unless they represent basic research with relevance also for the agricultural sector. |
| Poland          |  National Centre for Research and Development (NCBR)          | 500.000 €                           | 300.000 €        | yes           | yes | yes | -   |
| Portugal        |  Foundation for Science and Technology (FCT)                  | 400.000 €                           | 180.000 €        | yes           | yes | yes | -   |

| Country               | Funding Party   | National/regional call contribution |                  | Research Area |     |     | Specific priorities   |
|-----------------------|---|-------------------------------------|------------------|---------------|-----|-----|---|
|                       |   | total                               | max. per project | 1             | 2   | 3   |   |
| Slovakia              |  Ministry of Agriculture and Rural Development (MPRV-SR)                           | 100.000 €                           | 100.000 €        | yes           | yes | yes | Dairy cattle, pig, sheep, small farm animals, honey bees, emissions, wastes, welfare, acceptance of livestock production.               |
| Slovakia              |  Slovak Academy of Sciences (SAS)  | 120.000 €                           | 120.000 €        | yes           | yes | yes | -   |
| Slovenia              |  Ministry for Agriculture, Forestry and Food (MKGP)                                | 150.000 €                           | 75.000 €         | yes           | no  | yes | -   |
| Spain – Basque Region |  Basque Food Safety Foundation (ELIKA)   | 100.000 €                           | 100.000 €        | yes           | yes | yes | Interdisciplinary research proposals will be prioritized.   |
| Spain                 |  The Centre for the Development of Industrial Technology (CDTI)                   | 500.000 €                           | 300.000 €        | yes           | yes | yes | -   |
| Spain                 |  National Institute for the Agricultural and Food Research and Technology (INIA) | 300.000 €                           | 100.000 €        | yes           | yes | yes | please refer to document “ <a href="#">Lineas prioritarias para 2015</a> ”<br>Interdisciplinary research proposals will be prioritized. |
| Sweden                |  The Swedish Research Council for Environment (Formas)                           | 1.500.000 €                         | 300.000 €        | yes           | yes | yes | -   |

| Country   | Funding Party   | National/regional call contribution |   | Research Area |     |     | Specific priorities  |
|---|---|-------------------------------------|---|---------------|-----|-----|--|
|   |   | total                               | max. per project                                      | 1             | 2   | 3   |  |
| Turkey  |  Ministry of Food, Agriculture and Livestock (MFAL GDAR)               | 200.000 €                           | 100.000 €   | yes           | yes | yes | Animal breeding, Genetics, Animal Feed and Nutrition, Alternative Production Systems.  |
| Turkey  |  The Scientific and Technological Research Council of Turkey (TUBITAK) | 1.500.000 €                         | 206.000 €<br>(118.000 €<br>plus 88.000 €<br>overhead) | yes           | yes | yes | Disease control and prevention.  |
| United Kingdom  |  Department for Environment, Food and Rural Affairs (DEFRA)            | 680.000 €                           | 136.000 €   | yes           | yes | yes | Research proposals should target productivity and competitiveness as primary objectives, with environment, animal health and welfare, food safety and other priorities given due consideration as secondary objectives within a systems approach based on multi- and interdisciplinary research expertise. |
| <b>Total of national/regional call contributions:</b> |   | <b>16.800.000 €</b>                 |   |               |     |     |  |

## 5. Application procedure

The entire application procedure will be carried out online using the **SusAn** call management tool, templates and online forms.

The project coordinator:

- » 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 NCP/RCP,
  - › provide all necessary information and comply with all formalities as required
  - › participate actively in the proposal preparation, and ensure that the proposal meets a high standard of excellence, represents good value for money and meets all eligibility requirements
- » is fully responsible for the overall project coordination and will be the central contact point for the Call Secretariat and Call Steering Committee during the full lifespan of the research project, from application to successful completion after approval by the CSC
- » will ensure that all work is carried to a high standard and meets contractually bound milestones presented in the full proposal and approved by CSC
- » is responsible for sharing all information with consortium partners
- » is responsible for monitoring data and timely delivery of project reports.

### 5.1 First step: Pre-proposals

#### 5.1.1 Pre-proposal submission

**The deadline for Pre-proposal submission is 29<sup>th</sup> March 2016 – 12:00 CET.**

Pre-proposals must be submitted using the online call management tool. No other methods or means of submissions will be accepted. It will be possible to update and resubmit the pre-proposal as many times as required up to the submission deadline, but not after the deadline has expired. Applicants should note that the online system may experience high traffic volumes in the last hours before the submission deadline and it is therefore highly recommended to submit the final version of the pre-proposal well in advance of the deadline to avoid any last minute technical problems. Requests for extensions to the deadline due to last minute technical problems will not be considered.

The research project coordinator should create an account for the proposal on the **SusAn** submission tool and provide the following core data (pre-proposal template provided in Annex B):

- » project title
- » acronym
- » subtheme
- » research area
- » keywords
- » duration, including expected project start and end date
- » project coordinator
- » 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.

Applicants should 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 by a Funding Party or the Call Steering Committee.

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

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

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

### 5.1.2 Call eligibility check

After the submission deadline all pre-proposals will be checked against the following mandatory call eligibility criteria:

- » a minimum of 3 independent entities and a maximum of 8 from a minimum of 3 different EU Member States or Associated Countries participating with cash funding in the Co-funded Call (see table in chapter 4);
- » applicants from countries not participating in the Call are welcome in research consortia, but will have to provide their own resources, written proof must be provided with the pre-proposal; they will not be counted to the minimum or maximum number of partners and cannot coordinate a project;
- » a maximum of € 300,000 requested funding per project from any one Funding Party
- » the total requested funding per project from any one Funding Party cannot exceed the indicative total national/regional call contribution
- » a maximum duration of 36 months, ending no later than August 2020.
- » proposal (pre- and full proposal) must be written in English, including a 300 word abstract that can be easily understood by non-experts.
- » pre-proposal must be submitted completely before the respective deadlines via the **SusAn** online submission tool. No other application format will be accepted.
- » complete core data according to pre-proposal template (Annex B).

Research consortia are encouraged to consider good geographical coverage.

### 5.1.3 National/Regional Eligibility Check

The members of the CSC will check the pre-proposals against national/regional eligibility criteria as described in the national/regional annexes attached (Annex D) and any further national/regional rules and regulations. The national/regional eligibility check will include an ethics screening to ensure that the proposals comply with applicable national rules and regulations.

**Consortia should be aware that failure of one partner within the consortium to meet the national/regional eligibility criteria will result in the rejection of the entire proposal. Each applicant is therefore strongly recommended to contact his NCP/RCP (see Annex C) to ensure eligibility.**

### 5.1.4 Expert Evaluation of pre-proposals

Eligible pre-proposals will be evaluated by a minimum of 2 experts per pre-proposal. In case of contradictory votes one additional expert will be invited for review to cast the vote.

The pre-proposals will be reviewed and evaluated to ensure that they meet the scope as set out in Annex A, considering the following criteria:

- » fit in scope / relevance to the research areas / support of pillars of sustainability
- » transnational value: results are of use in more than one country
- » multi-dimensional research approach:
  - › an integrated approach which combines all aspects that are relevant to tackle the challenges for a sustainable animal production in the production system context.
  - › a multi- and interdisciplinary approach which will bring together researchers from different disciplines (multidisciplinarity) to collaborate across research disciplines (interdisciplinarity) to tackle the challenges of sustainable animal production in the production system context.
  - › a cross-scale approach which takes into account the differences between scales with their specific properties e.g. farm, regional, national, European and global scale, and considers their interactions when developing innovations.
  - › a multi-actor approach which will encourage input and draw effort from across the European scientific and technical communities.

The scoring system uses a 5-point scale for all review criteria. The IEC will provide the pre-proposal evaluations and propose a threshold for projects recommended to submit full proposals and categories to rank pre-proposals above this threshold. They will also provide consolidated feedback for applicants.

#### 5.1.5 Rebuttal option

**The rebuttal option is open after receipt of the expert evaluation from 6<sup>th</sup> to 13<sup>th</sup> June 2016.**

The anonymised expert evaluation of each pre-proposal will be sent to the respective project coordinator. At this stage, the consortia have the opportunity to reply to the evaluation outcome and clear up misunderstandings, defend aspects of the work or suggest improvements. The IEC will take these suggestions into consideration when recommending pre-proposals for step 2.

#### 5.1.6 Pre-proposal selection

Based on the national selection, recommendations of the IEC, the ranking and available funding the CSC will decide, which pre-proposal consortia should be invited to submit a full proposal.

### 5.2 Second Step: Full proposals

#### 5.2.1 Full proposal submission

**Only research consortia which have successfully passed the first step will be invited to submit a full proposal with a deadline of 9<sup>th</sup> September 2016 – 12:00 CET.**

Successful consortia will regain access to the **SusAn** online submission tool to submit a more extensive full proposal for which a full proposal template will be provided.

The core information 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 CSC.

#### 5.2.2 Expert evaluation of full proposals

Full proposals will be evaluated by a minimum of 3 experts per full proposal against the following criteria :

- 1) excellence,
- 2) impact and

3) quality and efficiency of the implementation.

The IEC will score the full proposals according to the rules of the EC and will provide a ranking list with full proposals recommended for funding.

### 5.2.3 Funding recommendation

The CSC will take the final decision for national/regional funding following the ranking list.

The outcome of the funding recommendation procedure will be communicated by the Call Secretariat to the project coordinators, who will be required to inform their partners respectively.

## 5.3 Confidentiality & Conflict of Interest

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

The proposals will be handled confidentially by the **SusAn** Call Secretariat, by the national/regional Funding Parties and the mandated experts responsible for the evaluation of the proposal. In selecting the international experts for the IEC, the CSC shall also endeavour to avoid any possible 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 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.

## 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. Therefore applicants should be aware that the following information from the proposals may be published by ERA-NET **SusAn** for promotional purposes:

- » project title and project acronym
- » duration of the project
- » total funding of the project
- » name of the project coordinator (including contact information as email and telephone number)
- » 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 publication and evaluation purposes. Information on each funded project, including data on each participant and overview on the results will be updated and send to the EC at the end of ERA-NET **SusAn**.

### 6.2 Open Access

Open access (OA) addresses the problem of limited access to (peer-reviewed) scholarly research. It is the practice of providing online access to scientific information (e.g. articles,

conference proceedings, monographs, books, theses) that is free of charge to the reader, and licensed so that the information can be further used and exploited by researchers, by the industry and by citizens. The publication of research data, however, is not mandatory. Milestone definitions of Open Access include those of the Budapest Open Access Initiative (BOAI) and the Berlin Declaration (October 2003) on open access.

The benefits of OA are manifold:

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

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

8. 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 **SusAn** 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 **SusAn** as deliverables in their project reports.
9. 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.
10. All publications mentioned in 1 shall be made openly available preferably immediately, but no later than 6 months after the date of publication. To enable this, grant holders shall in negotiating with publishers retain sufficient rights to enable immediate open access or delayed open access of up to 6 months. Authors are advised to work with a licence to publish (preferably the Creative Commons CC-BY or CC-0 licences) instead of with a copyright transfer agreement, when dealing with their publisher, in order to retain sufficient rights for providing open access to their publication.
11. In case the authors decide to publish in a gold open access journal, the CSC considers as eligible expenses, which may be supported within the grant budget, Article Processing Charges (APC) or similar fees to publish in peer reviewed open access journals and books. In the case that an APC is supported by the grant budget, the article must be openly available from the moment of publication. APC or similar fees are only considered to be eligible expenses if the publication was accepted before the end of the funding period. There is no limit to the per-article amount of APCs that can be requested. However, authors are asked to consider APC cost when deciding in which journal to publish, since lower APC costs leave more funding available for research purposes. Authors are required to avoid “double-dipping” journals and to avoid “predatory publishers”.

12. In all publications mentioned in 1. and 2., funding recipients must acknowledge **SusAn** and identify the funding in the following manner: "This research was made possible by funding from **SusAn**, an ERA-NET co-funded under European Union's Horizon 2020 research and innovation programme ([www.era-susan.eu](http://www.era-susan.eu)), under Grant Agreement n°696231."
13. All research data and associated metadata resulting from funded projects should be deposited in a suitable open data repository.
14. Institutions/grant holders agree that by receiving funding from **SusAn** they have accepted the terms and conditions of this OA policy. The compliance with the present terms and conditions will be monitored and in case of non-compliance the transfer of part of the funds may be considered.

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

### 6.3 Negotiation of national/regional grant agreements

Formal funding decisions are made by the participating Funding Parties. The funding recommendation is irrevocable and therefore no redress procedure is possible.

- » Each Funding Party will fund national/regional applicant(s) within the research project. Funding will be provided by the participating Funding Parties 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. After a positive funding recommendation, the project partners must directly contact their NCP/RCP 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](#)). Consortia of funded projects will be requested at least addressing the following topics:
  - › internal organisation and management of the consortium
  - › intellectual property arrangements
  - › settlement of internal disputes.

### 6.4 Project monitoring and reporting

In addition to the reporting required by the national/regional rules, project coordinators will be required to provide a **mid-term report by November 2018** and a final report by **November 2020**. All project partners will have to deliver input for these reports. Furthermore, applicants are requested to respond to two in-depth monitoring surveys (mid-term and final) 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 in due course.

### 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 obliged to:

- » contribute with project presentations and/or posters to the foreseen events of ERA-NET **SusAn** which are listed in the table below. 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 **SusAn** activities and publications (e.g. for brochures, [digital] newsletters, the website etc.).

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

- » March 2017: an **initial research project seminar**, explaining objectives and expected results,
- » October 2018: a **midterm training seminar**, presenting the mid-term reports including status, preliminary results and future work; during this seminar a research communication course will be offered to the project coordinators to maximise future impact of the results,
- » October 2020: a **final seminar**, presenting the final reports including research results and assessment of possible impact on sustainable animal production and future actions.

The travel expenses of the coordinators or a proxy for taking part in these seminars will have to be covered by the project budget. Participation of other project partners is optional at their own expenses.

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## Annex A: Background to the scope of the co-funded call

### A1 Background

Animal production accounts for almost half (40 %) of the overall EU-28 agricultural output and plays an essential role in agricultural economy and land use. Modern European animal production systems generate safe, valuable and desirable products, e.g. milk, meat, eggs, wool, fur, for an increasingly globalised market. Animal food products contain high quality protein, which is essential to the human diet. Animal production systems use resources such as food industry co-products, grass, shrubs, stubble and fallow land that could otherwise not be converted into food. Additionally, animal production not only creates and maintains employment in rural communities and farms, thus securing their continuation, development and growth; it also generates jobs and income in the whole production chain from extension services to transport, and in industrial and commercial sectors whilst continuously adding value across the supply chain.

Animal production helps to maintain traditional agricultural landscapes, prevent land abandonment and plays a major role in the development of spaces and landscapes for leisure and tourism activities. In many regions animal production is a strong element of identity, tradition and cultural heritage, which is reflected in efforts towards the conservation of local breeds, biodiversity and habitats, and last but not least in efforts to safeguard the genetic resources for future challenges. Animal production can have positive effects on the quality of natural resources such as soil fertility and biodiversity, whilst grassland systems can function as carbon sinks to partially offset greenhouse gas emissions.

European animal production continues to face many challenges across the three pillars of sustainability. The competitiveness and economic viability of animal production systems is essential to the overall resilience of the European animal production sector, especially in the context of global markets. However, European animal production has to face challenges associated with increased globalisation and high price volatility for animal products, particularly for products which were historically protected by the Common Agricultural Policy (CAP), mostly milk and beef. Support measures by CAP are no longer linked to farm output but to production area and to rural development measures promoting environmentally sustainable farming practices, like agri-environment schemes. On the other hand, animal production systems in local food chains with more differentiated products and higher added value can be constrained by competition law. In addition to direct market risks, competitiveness and economic viability, animal production is vulnerable to diseases, and increasingly extreme weather patterns which may be associated with climate change. Furthermore, animal production continues to be challenged on a number of other fronts by European society for ethical and environmental reasons. These include arguments against the production and consumption of animal products per se, or those which may be based on a wide range of complex issues for example covering diet and health, ammonia and air quality, greenhouse gas emissions and climate change, degradation of natural resources such as nitrates emissions and water, soil and biodiversity, global food security, global trade and animal wellbeing.

Whilst animal production in Europe has made significant progress towards addressing some of these issues, many concerns, challenges and uncertainties continue to exist and as such could be considered as a barrier to a thriving, competitive and sustainable European animal production sector.

### A2 Rationale

The EC Bioeconomy Strategy Communication states that global meat consumption is projected to double from the 229 million tons produced worldwide in 1999/2001 to 465 million

tons in 2050. Many of today's food production systems already compromise the capacity of the planet to produce sufficient food supplies. In the future, animal production will increasingly be affected by competition for natural resources, particularly land and water, by the need to reduce fossil energy dependency and environmental impact, and by societal concerns concerning animal welfare.

With a view to sustainability, increased productivity in animal production cannot be a straightforward process of optimising the ratio of output to input. With regard to global competition, increasing consumer expectations and the awareness of environmental impacts, interactions of the different disciplines related to animal production must be taken into account and regarded in an integrated way to develop knowledge based innovations. Any improvement in one discipline may have side effects on other aspects of animal production, environment or society. Different scales (i.e. farm-level, local and regional food chains, and European and global markets) must also be taken into account to ensure the coherence of the proposed solutions.

Sustainable animal production requires a simultaneous consideration of the economic, environmental and societal aspects outlined above. However, scientific research is typically characterised by specialisation and by cutting problems into parts that can be investigated within the given discipline and timeframe. This seemed appropriate during major parts of the 20th century, when the dominating view on agricultural production was that a maximised production was best not only for both national and farm economy but also for the consumer. Today, looking at the results of intensified agriculture on the one side and facing a growing world population on the other, a more differentiated approach appears to be more appropriate. Instead of looking at maximised production alone, **SusAn** tries to achieve a balance between the three pillars of sustainability. **SusAn**'s new approach to research and added value will be that it combines the system approach, the consideration of the three sustainability pillars and the assessment at different levels or scales. **SusAn** thereby makes an extra effort to work across scientific disciplines and to consider all relevant dimensions in order to find sustainable solutions.

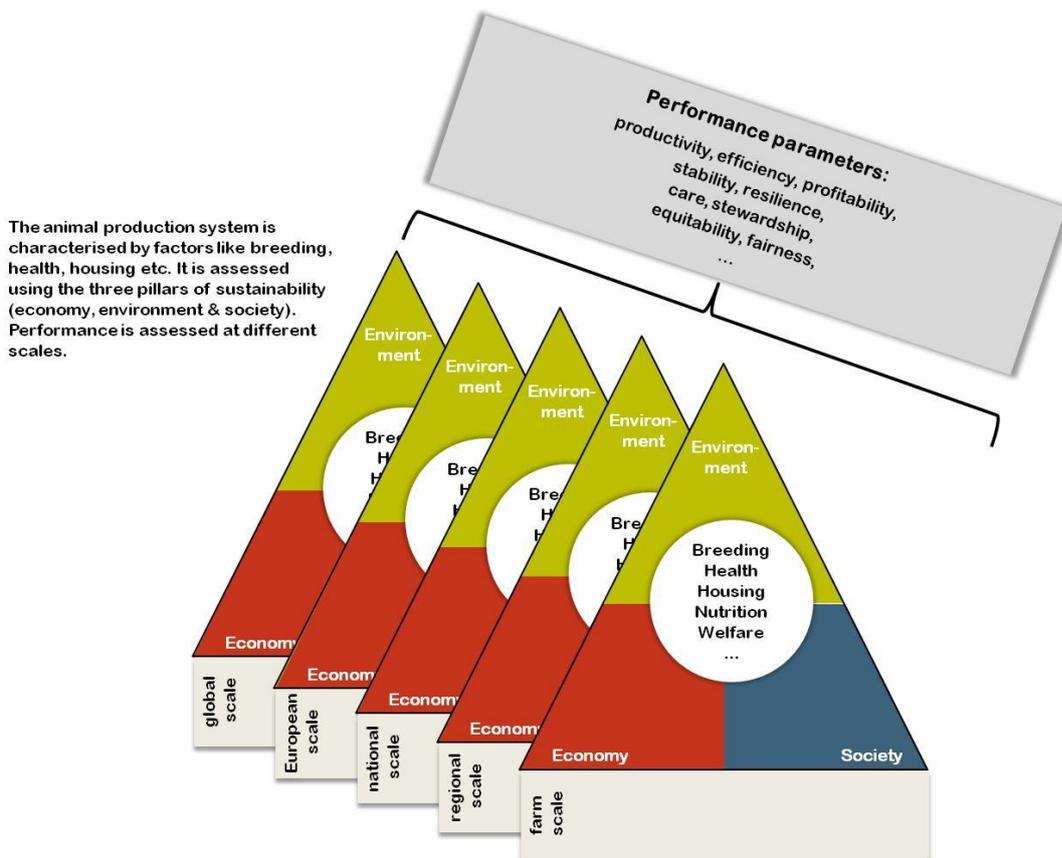
### A3 Research concepts

Research in this ERA-NET should comply with the following concepts:

- » Systems thinking which perceives animal production as a complex set of interdependent system components like animal health, welfare, breeding, feeding, housing, manure management, etc. The animal production system may be investigated as a whole or key components of the system may be identified that can cause relevant changes of the system's performance.
- » Sustainable development which means meeting the needs of the present generation without compromising the ability of future generations to meet their own needs. The three pillars of sustainability, economy, environment and society, need to be considered of equal importance.
- » As shown in figure 1, compliance with the concepts requires a paradigm shift from a traditional one-dimensional to a multi-dimensional research approach:
- » An integrated approach which combines all aspects that are relevant to tackle the challenges for a sustainable animal production in the production system context.
- » A multi- and interdisciplinary approach which will bring together researchers from different disciplines (multidisciplinarity) to collaborate across research disciplines (interdisciplinarity) to tackle the challenges of sustainable animal production in the production system context.

- » A cross-scale approach which takes into account the differences between scales with their specific properties e.g. farm, regional, national, European and global scale, and considers their interactions when developing innovations.
- » A multi-actor approach which will encourage input and draw effort from across the European scientific and technical communities, at the fundamental, strategic and applied levels to ensure involvement and participation from all relevant stakeholders along the whole value added chain and to facilitate the following objectives:
  - › identify knowledge gaps and realistic research objectives with a high probability of success and uptake,
  - › validate research outcomes under practical conditions,
  - › deliver the flow of products, processes, technologies, innovation, knowledge and solutions,
  - › understand past failures and help target future activities that successfully meet the objectives of ERA-NET **SusAn**,
  - › focus on knowledge exchange and collaboration between relevant stakeholders.

**Figure 1: Relations between animal production system, the sustainability-concept and the scale of assessment**



#### A4 Animal Production System and Sustainability

Whilst the scope of **SusAn** hereunder is broken down into components to broadly describe and give general examples for collaborative research, research funded within **SusAn** should be directed towards a systems approach, taking into consideration any interactions and interdependencies between various components both within and between different systems.

The following text is arranged along the thinking described in the chapter 3 “Research concepts”: The priority is to consider the three pillars of sustainability (C4.1), and because the animal production system, characterised by the management of its components, affects the three pillars simultaneously, the system components are taken up in the second part (C4.2).

## **B4.1 The Sustainability Pillars**

### **B4.1.1 Economy**

Economically viable animal production systems rely on optimised use of all available resources, including natural and financial. Research and innovation is needed to develop animal production systems that are resilient to market fluctuations yet productive and competitive despite the high EU production standards, including animal welfare. Products from third countries need to be assessed by comparable standards, to assure fair competition. Areas of research include improved use of financial resources (e.g. capital investment, grants, subsidies, etc.), in depth understanding of management decisions, and the analysis of trade-offs between efficiency and adaptive capacity of animal production systems to climate and economic hazards. Analysis of, compliance with and impact assessment of governmental rules and regulations or incentive systems are needed that can help develop policies to deliver economic benefits at a local, regional, national and multi-national scale.

### **B4.1.2 Environment**

Land, soil, air and water are resources that must be managed responsibly to safeguard their utilisation for future generations. Land is needed to grow crops. Soil is storing plant nutrients, biodiversity and filtering water. Soils are natural sinks for carbon and habitats that support biodiversity. Water is essential for life. In regions with highly concentrated, intensive animal production land can become a limiting factor for feed production and for manure application. These areas often face a relevant surplus of nitrogen and phosphorus on agricultural land. Management of ammonia emissions can also be challenging. Residues from veterinary drugs may leach to the groundwater or re-enter the food chain via soil flora or crops, potentially contributing to e.g. antimicrobial resistance. European animal production needs to be integrated with land, soil, air and water in ways that negative impacts are clearly limited without constraining production potential.

Effective management and efficient conversion of nutrients into animal products deliver multiple benefits. These include reduced waste and economic losses, as well as reduced emissions to the environment. There is still scope for research and innovation to improve nutrient management, such as in grassland and forage use, but also intensive animal production.

Biodiversity and ecosystem services have an essential impact on human well-being. A key constraint is the difficulty to quantify the value of ecosystem services. The focus generally reflects one aspect rather than incorporating more of the services provided by an ecosystem into a combined analysis, for example provisioning services as opposed to supporting or regulating or cultural services. For other services such as mitigation of drought and floods, the value is very much dependent on the region where that service is provided. In general, as modern farming practices progress and farm size increases there is a loss in biodiversity and overall ecosystems services which is viewed as a concern by all partners.

### **B4.1.3 Society (and Farmers)**

Society is concerned especially about large scale, intensive animal production. It is seen as contributing to numerous forms of environmental degradation, including air and water pollution, soil depletion and diminishing biodiversity.

An increasing part of society has only little knowledge about farming. Attitudes range from the view that animals should be allowed to perform at least some natural behaviour to principally rejecting any kind of use of animals for food production. There is limited knowledge on the social and ethical attitudes towards animal production of different societies across Europe and what factors shape short and long-term attitudes and values. Research may include indicators for societal concern, the reasons and motivations for the concern and appropriate actions to respond to them.

Farmers have to cope with a broad range of different challenges. Animal production ranges from small family farms to so-called large-scale industrialised methods of production. The human factor behind that scenery needs continuous investment and development to support current and future demands of animal production. This requires solutions to address a complex set of individual needs, such as vocational education, continuing professional development, quality of life and other. Reward, equal opportunities for career progression and appreciation are amongst many aspects that must be considered in helping to secure a work force of future animal farmers who are both motivated and skilled. A key focus will centre on developing strategies to increase land mobility thus facilitating progression through the development of different farm business models. Another dimension is the impact of innovative practices on the farmer, for example the effect of precision livestock farming on organisation and duration of work, efficiency and flexibility.

## **B4.2 Management of animal production systems for improved sustainability**

### **B4.2.1 Management of Animal Health**

Healthy animals are more productive and convert resources into products more efficiently than animals with sub-optimal health status. Management of animal health can have a wide range of effects, for example the development of antimicrobial resistance, increased waste and emissions to the environment and production of wet litter. Poor animal health always compromises animal welfare, too.

Research may focus on integrated health management, antimicrobial resistance (within the farm gate boundary), epidemiology, development of new diagnostic tools, intervention strategies e.g. vaccines and novel technologies for disease surveillance and remote monitoring of environment, health and production to assist management, early diagnosis and prevention.

### **B4.2.2 Management of Animal Welfare**

There is agreement between partners to continue and improve collaboration on work towards enhancing the welfare of farmed animals. This is especially important to producers and other operators within the supply chain, when consumers include animal welfare standards amongst a package of other criteria in making purchasing decisions, e.g. value for money, health, safety etc. Societal challenges concerning animal welfare are likely to remain at the forefront, and may represent an opportunity for European animal production in meeting consumer demands. Partners acknowledge that the welfare status of an animal is likely to affect its health. Research may include objective and feasible measures of welfare, improved husbandry systems to stimulate natural behaviour, prevent physical intervention and control the ambient climate and potential relations between animal welfare and economy, animal health, animal efficiency and environmental issues.

### **C4.2.3 Management of Animal Breeding**

Selective breeding, especially in mainstream species, has delivered significant advances to animal productivity and efficiency, which in turn have helped to drive down production costs, reduce waste and emissions per unit of product and to meet demands such as for leaner meat. However, this has in some cases led to undesirable side effects including reduction of robustness (e.g. ability of animals to perform well under changing environmental conditions)

and several issues such as lameness, dystocia, low fertility and metabolic disorders which have raised societal concerns over animal wellbeing and finally reduced efficiency. New advances in genetics and genomics hold considerable potential to achieve the objectives of sustainable animal production, for example, to improve productivity and resource use efficiency, and enhance the resilience and robustness of animals to cope with challenges from disease and undesirable environmental conditions. The key limitation will centre on phenotypic data around the traits of importance but new technologies e.g. sensors have potential to record such traits. Genetic resources in minor or rare breeds and species are also of interest for cultural reasons and heritage, and as potential reservoirs of traits which may be absent in mainstream species, but could help contribute to the longer-term goal of sustainability.

#### **B4.2.4 Management of Animal Feed and Nutrition**

Efficient feed chains involve alternative feed resources, especially protein sources which do not compete directly with the production of food for humans or have a large and negative impact on land-use change. Desirable systems include utilisation of by-products from the food industry, development of alternative and sustainable crops, and better use of local resources, e.g. forage. Opportunities for innovation include the development of precision feeding to match the nutrient requirements of individual animals for improved productivity and feed use efficiency. On-farm evaluation systems for grass and legumes quality may also contribute to improved fodder crops. Life cycle assessment may be developed to assess the role of livestock in the use of resources including the use of by-products and alternative resources, and the trade-offs or synergies between economy, environment and society.

#### **B4.2.5 Choice and Management of Animal Housing**

Novel housing solutions may be relevant for health, welfare, economy, environment, the farmers working conditions and society. The choice of housing may require major financial long-term investments by the farmer and is thus often “setting the scene” for animal production. Keeping animals indoors or outdoors has consequences for animals, farmers and the environment and is of importance for the public opinion. Stocking rate, group size, air quality, lighting, bedding (if any) and environment (e.g. emissions, enrichment) are all examples of parameters that characterise the environment the animal has to cope with.

While there is a trend to year-round indoor housing of cows, grazing is of particular importance for ruminants but also pigs and poultry can benefit from access to outdoor range.

Feeding, cleaning, milking and collecting eggs is mostly mechanised and ICT may become an increasingly important link between housing, machines and management.

#### **B4.2.6 System effects on product quality**

Husbandry and management can have multiple impacts on the quality (e.g. nutritional value, sensory quality and presence of undesirable residues and microbial organisms) of products from farmed animals. Research on management and interventions which can enhance the quality of animal products leaving the farm gate are of potential interest for collaborative research funding in this ERA-NET.

## Annex B: Pre-proposal template

### Part A: Project data

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

### Part B: Project partners

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

### Part C: Project budget

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

### Part D: Description of Work

- » max. 5 pages
- » Project aims including
  - › main hypothesis
  - › fit in scope / relevance to the research areas
  - › transnational value / international collaboration: results are of use in more than one country
  - › research approach
    - multidisciplinary approach
    - multi-actor involvement
- » Implementation plan
  - › coordination
  - › provisional project structure
  - › work package breakdown, description and identification of lead participants

### Part E: Societal & Ethical Aspects

- » any aspects of the proposal that could possibly raise societal concerns or ethical issues.
- » full implementation of the 3R (reduction, replacement, refinement) principles in any research project using animals is required

## Annex C: National/Regional Contact Points

| country            |   | National/Regional Contact Point  | name              | email                             | telephone         |
|--------------------|---|--|-------------------|-----------------------------------|-------------------|
| Austria            |    | Federal Ministry of Agriculture, Forestry, Environment and Water Management (BMLFUW) | Elfriede Fuhrmann | Elfriede.Fuhrmann@bmlfuw.gv.at    | +43 1 711 00-6817 |
| Belgium - Flanders |    | Flanders Innovation and Entrepreneurship (VLAIO)                                     | Kirezi Kanobana   | kirezi.kanobana@vlaio.be          | +32 2 432 42 11   |
| Belgium - Wallonia |    | Public Service of Wallonia (SPW)   | Virginie Remience | virginie.remience@spw.wallonie.be | +32 81 649 606    |
| Denmark            |    | The Ministry of Environment and Food (DAFA)  | Dr. Helle Palmø   | helpal@naturerhverv.dk            | +45 25238529      |
| Estonia            |    | Ministry of Rural Affairs (MEM)  | Helena Pärenson   | helena.parenson@agri.ee           | +372 625 6550     |
| Finland            |   | Ministry of Agriculture and Forestry (MMM)   | Katri Levonen     | Katri.Levonen@mmm.fi              | +358 2951 62385   |
| France             |  | Agence Nationale de la Recherche (ANR)   | Maurice Héral     | Maurice.HERAL@agencerecherche.fr  | +33 1 78 09 80 33 |
| Germany            |  | Federal Ministry of Food and Agriculture (BMEL)                                      | Babette Breuer    | babette.breuer@ble.de             | +49 228 6845 2925 |
| Ireland            |  | Department of Agriculture, Food the Marine (DAFM)                                    | Noel Collins      | noeld.collins@agriculture.gov.ie  | +353 1 607 2924   |

| country         |   | National/Regional Contact Point                                | name                | email                                | telephone                   |
|-----------------|---|--|---------------------|--------------------------------------|-----------------------------|
| Italy           |    | Ministry of Agricultural, Food and Forestry policies (MIPAAF)  | Dr. Marina Bagni    | m.bagni@sanita.it                    | +39 06 5994 6129            |
| Italy           |    | Ministry of Health (MoH)                                       | Claudio Lorenzini   | c.lorenzini@politicheagricole.gov.it | +39 06 46655076             |
| Latvia          |    | State Education Development Agency (VIAA)                      | Dr. Linda Kluga     | Linda.Kluga@viaa.gov.lv              | +371 67559495               |
| Lithuania       |    | Ministry of Agriculture of the Republic of Lithuania (MoA ZUM) | Skirmantė Smalskytė | skirmante.smalskyte@zum.lt           | +370 5 239 1125             |
| The Netherlands |    | Netherlands Organisation for Scientific Research (NWO)         | Martijn Los         | m.los@nwo.nl                         | +31703440508                |
| Norway          |    | The Research Council of Norway (RCN)                           | Siri Anzjøn         | sia@rcn.no                           | +4722037098<br>+47 47400171 |
| Poland          |   | National Centre for Research and Development (NCBR)            | Dr. Adrianna Pawlik | adrianna.pawlik@ncbr.gov.pl          | +48 22 39 07 491            |
| Portugal        |  | Foundation for Science and Technology (FCT)                    | Maria Maia          | Maria.Maia@fct.pt                    | +351 213 911 543            |
| Slovakia        |  | Ministry of Agriculture and Rural Development (MPRV-SR)        | Jana Hreňová        | jana.hrenova@land.gov.sk             | +421 2 59266229             |
| Slovakia        |  | Slovak Academy of Sciences (SAS)                               | Dr. Ján Barančík    | barancik@up.upsav.sk                 | + 421 2 57 51 01 37         |

| country               |   | National/Regional Contact Point   | name               | email                                      | telephone                        |
|-----------------------|---|---|--------------------|--|----------------------------------|
| Slovenia              |    | Ministry for Agriculture, Forestry and Food (MKGP)                              | Jana Erjavec       | jana.erjavec@gov.si                        | +386 1 478 9123                  |
| Spain – Basque Region |    | Basque Food Safety Foundation (ELIKA)   | Mónica de Prado    | mdeprado@elika.eus                         | +34 945122174 /<br>+34 635732401 |
| Spain                 |    | The Centre for the Development of Industrial Technology (CDTI)                  | Carlos Franco      | carlos.franco@cdti.es                      | +34 91 5815500                   |
| Spain                 |    | National Institute for the Agricultural and Food Research and Technology (INIA) | Anabel de la Peña  | anaisabel.delapena@inia.es                 | +34 91 3478776                   |
| Sweden                |    | The Swedish Research Council for Environment (Formas)                           | Dr. Mattias Norrby | mattias.norrby@formas.se                   | +46 8 775 4021                   |
| Turkey                |    | Ministry of Food, Agriculture and Livestock (MFAL GDAR)                         | Handan Erkan Sahin | hesahin@tagem.gov.tr<br>handanerk@yaho.com | +90 312 315 7622-<br>26 / 1307   |
| Turkey                |   | The Scientific and Technological Research Council of Turkey (TUBITAK)           | Dr. H. Mahur Altay | mahur.altay@tubitak.gov.tr                 | +903124685300/28<br>07           |
| United Kingdom        |  | Department for Environment, Food and Rural Affairs (DEFRA)                      | Dr. Pinder Gill    | Pinder.Gill@defra.gsi.gov.uk               | +44 2080263892                   |

**Annex D: National/Regional Annexes**

## National Annex

# AUSTRIA



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 National Contact Point.

### Funding Party:

Bundesministerium für Land- und Forstwirtschaft, Umwelt und Wasserwirtschaft (BMLFUW)



MINISTERIUM  
FÜR EIN  
LEBENSWEERTES  
ÖSTERREICH

### Funding Programme:

PFEIL 15 (PFEIL15 (2010- 2015) and followed by PFEIL20 (2016 -2020)

### National Contact Point:

| contact person:   | email:                         | telephone:        |
|-------------------|--------------------------------|-------------------|
| Elfriede Fuhrmann | Elfriede.Fuhrmann@bmlfuw.gv.at | +43 1 711 00-6817 |

### Eligibility criteria:

For one eligible project there will be only one contract between BMLFUW and the respective Austrian partner, whereas additional Austrian partners shall be subcontracted.

After the final selection for funding of a proposal the Austrian partner, if any, has to submit the project via [www.dafne.at](http://www.dafne.at).

### Eligibility:

Any Austrian public or private research organisation in the field of SusAn taking over the national lead. Cooperation with Austrian associations or enterprises involved in research are welcomed.

### Funding:

Requested BMLFUW contribution shall not exceed the budget provided in the table of the indicative call budget.

**Admitted Costs:**

Amortisation costs for equipment can be requested in proportion to the share considered relevant for the project.

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

Overhead costs must be shown with their calculation basis (maximum 20% of direct costs).

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

In-kind contribution of the contracted Austrian partner shall be at least 10% of the total national costs.

**National topic priorities:**

Problems addressed in the project must have a clear Austrian dimension; projects must have explicit added value for Austria.

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

## Regional Annex

### 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 Regional Contact Point.

#### Funding Party:

Flanders Innovation and Entrepreneurship (VLAIO)

AGENTSCHAP  
INNOVEREN &  
ONDERNEMEN

#### Funding Programme:

- 1) Integrated projects for agriculture: landbouwtrajecten <http://www.iwt.be/subsidies/LA-trajecten>.
- 2) Industrial research projects for sme's (kmo-innovatieprojecten) <http://www.iwt.be/subsidies/kmo-innovatie>, as well as for big enterprises based in Flanders (bedrijfsprojecten en SPRINT): <http://www.iwt.be/subsidies/http://www.iwt.be/subsidies/oeno-bedrijfsproject> and <http://www.iwt.be/subsidies/sprint>

#### Regional Contact Point:

| contact person:                        | email:   | telephone:          |
|--|--|---------------------|
| Kirezi Kanobana,<br>Scientific Advisor | <a href="mailto:kirezi.kanobana@vlaio.be">kirezi.kanobana@vlaio.be</a> | +32 (0) 2 432 42 11 |

#### Terms and conditions

- » Projects may last from 12 to 36 months.
- » VLAIO will provide information on the website <http://www.iwt.be/subsidies/extrasteun/era-SUSAN> for applicants with additional templates to be completed. Those templates are mandatory to check the national/regional eligibility and must be sent towards IWT on date of deadline of pre-proposals (documents received latest on 28/03/2016). We kindly ask applicants to apply for a meeting with VLAIO before the 01/03/2016 to check eligibility aspects.

#### Eligibility

For LA-trajecten only Flemish centres for agricultural research (praktijkcentra), universities

and university colleges (hogescholen) and research institutes that are recognized as eligible (as ILVO, VITO, ...) in past evaluations according to EU regulation. Each project needs a solid base of partnership from the bio-economy sector (represented by an usercomité) that is responsible for the co-financing of the project (10% of budget).

For industrial research projects the eligible partners are Flemish enterprises (with legal entity in Vlaams Gewest). Enterprises can involve research organizations and RTO's as subcontractor in the project.

### **Funding**

Funding rules follow the national/regional rules of funding. A minimum budget of 50 KEUR will be mandatory. Funding may not exceed 250 KEUR per project type (ie In combined project- LA traject and industrial project, max 250 KEUR for industrial project and max 250 KEUR for LA traject). At 01/01/2016 the maximal funding percentage of LA-trajecten is 90% and for industrial research projects is 25-80% (depending on size of the enterprise and depending on TRL level).

### **Admitted costs**

The admitted costs will follow the rules of the VLAIO for each of the participating programmes (LA traject and Industrial projects).

### **Topic priorities:**

No priorities as long as the projects fit in scope of the call. Military and policy driven applications are excluded.

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

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

## Regional Annex

# 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 Regional Contact Point.

### Funding Party:

Public Service of Wallonia - Operational General Direction of agriculture, natural resources and environment

SPW-DGO3



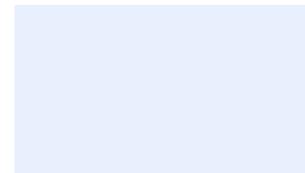
### Funding Programme:

DGO3-Research Programme including Sustainable Animal Production

### Regional Contact Point:

SPW-DGO3

Department of Development, Research and Development



| contact person:    | email:                             | telephone:     |
|--------------------|------------------------------------|----------------|
| Virginie REMIENCE  | virginie.remience@spw.wallonie.be  | +32 81 649 606 |
| Véronique DEWASMES | veronique.dewasmes@spw.wallonie.be | +32 81649 604  |

### Eligibility criteria:

- » The total funding for this call is maximum 300.000€ (including BTW).
- » The call is addressed to public research institutions and public universities.
- » Maximum 5 % of overhead can be reimbursed. It must be included in the provisional budget.
- » Funding can be granted to research teams according to the rules and procedures of SPW-DG03. Funding will be subject to availability of the regional budget and under the Walloon rules.

The partners must:

- » Be located within the borders of Walloon Region and constitute a research unit or a legal entity benefiting from a research unit.;
- » Satisfy the eligibility conditions requested in the first call for project coordinated the ERA-Net SusAn network (detailed in the Candidate Guide or "Applicants' Guide");
- » Satisfy the eligibility conditions imposed by the SPW-DGO3 (Operational General Direction of agriculture, natural resources and environment of the Public Service of Wallonia).

The maximum project duration is three years.

The maximum funding per project is 200 000€

A copy of the pre-proposals and of the full proposals should be submitted to the "SPW-DGO3, Département du développement, Direction de la recherche et du développement" at the following address: [virginie.remience@spw.wallonie.be](mailto:virginie.remience@spw.wallonie.be)

**Regional topic priorities:**

All 3 research areas

Interdisciplinary research proposals will be prioritized

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

[virginie.remience@spw.wallonie.be](mailto:virginie.remience@spw.wallonie.be)

## National Annex

# 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 National Contact Point.

### Funding Party:

Ministry of Environment and Food of Denmark,  
The Danish AgriFish Agency (DAFA)



Ministry of Environment  
and Food of Denmark  
The Danish Agrifish Agency

### Funding Programme:

Green Development and Demonstration Programme

### National Contact Point:

Ministry of Environment and Food of Denmark,  
The Danish AgriFish Agency (DAFA)



Ministry of Environment  
and Food of Denmark  
The Danish Agrifish Agency

| contact person: | email:                 | telephone:   |
|-----------------|------------------------|--------------|
| Dr. Helle Palmø | helpal@naturerhverv.dk | +45 25238529 |

### Eligibility criteria:

#### The National Regulations for Danish Applicants for the SusAn Call 2016

The funding from the *Danish Ministry of Environment and Food* for this call is under the auspices of the Board of the “Green Development and Demonstration Programme” (GUDP) and is administered by the Danish AgriFish Agency.

The GUDP is a funding programme which focuses on motivating and promoting ambitious and green business oriented innovation activities in the Danish agriculture, fisheries and food sector. Thus GUDP projects must induce green sustainability and economical sustainability simultaneously through the entire value chain. Green sustainability means having a focus on the environment, climate, nature, quality, sustainable exploitation of resources, food safety,

human health, and animal welfare. Economical sustainability means having a focus on generating profit, socio-economical effects and addition of value to raw materials to support growth and competitiveness.

A maximum of 7,5 million DKK (1,0 million Euro) is reserved for the SusAN call within the “Green Development and Demonstration Programme” (GUDP) in 2017.

It is a requirement that Danish participants submit a separate business plan in order to be eligible for funding. It can be uploaded with other documents in the electronic SusAN-application system. Requirements for the business plan are described further on page 4.

### WHO CAN APPLY

Applications for funding can be submitted by:

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

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

**Table1. Maximum Subsidy Rates**

|                         | Public research institutes | Small enterprises | Medium size enterprises | Large enterprises |
|-------------------------|----------------------------|-------------------|-------------------------|-------------------|
| <b>Applied Research</b> | 100 pct.                   | 80 pct.           | 75 pct.                 | 65 pct.           |
| <b>Development</b>      | 100 pct.                   | 60 pct.           | 50 pct.                 | 40 pct.           |

Further information and definitions of size of enterprises can be found in the guidelines of the European Commission:

<http://ec.europa.eu/enterprise/policies/sme/facts-figures-analysis/sme-definition/>

### ELIGIBLE COSTS

The following costs are eligible:

- Salary costs during the project period

- Consumables and other costs directly related to the project
- External consultancies
- Indirect costs (e.g. overhead)

To be eligible the costs must be directly related to the project and must be incurred and paid during the approved project period.

All costs must be stated excl. VAT, unless the applicant itself has to pay VAT and therefore is applying to have this expense covered.

Note: PhD inscription/scholarship/course fees are not eligible. The salary of PhD involvement in a project is an eligible cost.

#### **Direct costs:**

##### ***Salaries (Staff costs)***

Salary can be provided for scientific staff, technical administrative staff or other staff involved in the project. Staff can be paid no more than a salary equivalent to comparable positions in the State. Sickness and maternity benefits, holiday pay and other social obligations should be incurred by the employing authority.

Universities and other governmental institutes, that are required to act in accordance to the rules concerning funded research activities in the budget guidelines of the Ministry of Finance, determine the salary costs as the actual salary expenses.

Private research institutes, e.g. Approved Technological Service Institutes (GTS institutes) budget actual salary costs per hour used (i.e. excluding overhead/general costs).

##### ***Operational costs***

Operational costs are other operational expenses necessary for the implementation of the project including analyses, meeting and travel expenses.

##### ***Durables and equipment***

Applicants must require or provide the necessary apparatus for the project themselves. If this is not possible, the acquisition of the requested equipment will be considered. Applications for a funding for durables and equipment must be accompanied by an explanation. A scrap value should be calculated for equipment funded by the Danish AgriFish Agency (see table 2). This value (the scrap value) represents the value of the equipment after the conclusion of the project and will be deducted in the budget.

##### ***Other costs***

E.g. subcontracting, including consultancy services from Danish or foreign external advisors, where the beneficiary acquires the full right to exploitation. Applications for funding of 'other costs' must be followed by an explanation in detail of the content and requirement.

**Table 2. Calculation of scrap value**

|                       | <b>Straight-line depreciation over 5 years</b> | <b>Depreciation rate of 25 pct.</b> | <b>Straight-line depreciation over 3 years (IT-equipment)</b> |
|-----------------------|--|-------------------------------------|---|
|                       | pct. of purchase value                         | pct. of purchase value              | pct. of purchase value  |
| <b>Purchase value</b> | 100  | 100                                 | 100   |
| <b>Value 1st year</b> | 80   | 75                                  | 66  |
| <b>Value 2nd year</b> | 60   | 56,3                                | 33  |
| <b>Value 3rd year</b> | 40   | 42,2                                | 0   |
| <b>Value 4th year</b> | 20   | 31,6                                | 0   |
| <b>Value 5th year</b> | 0  | 23,7                                | 0   |

**Indirect costs:**

***Contribution to general costs***

Universities and other governmental institutions, which are required to act in accordance to the rules concerning funded research activities in the budget guidelines of the Ministry of Finance, can charge in the budget a contribution to the common expenses (overhead) of 44 percent of the direct costs.

Other applicants shall document all costs including overhead/common expenses. Overhead/common expenses should be calculated as a percentage of the salary costs and can exceed no more than of 30 percent. The calculated percentage must be documented based on entries in the accounts of the beneficiary in connection with the payment of the grant.

**OWN FINANCIAL CONTRIBUTION AND CO-FINANCING**

Project activities can be co-financed with other national funds up to the maximum funding rate for national funding. The remaining funding must come from own financing and private sources. Trade funds in the context of state subsidy are considered so-called para-fiscal funds and thus considered as national public funds.

GUDP is encouraging both industry and universities to contribute with own funding for the projects.

Research and other public knowledge institutes must contribute with at least 10 pct. of the accumulated project costs in order to get funding from GUDP.

## **BUSINESS PLAN**

Danish applicants are required to submit a business plan which will be part of the evaluation of the project's growth potential. The business plan should be in English and include the following aspects:

- *Project title and acronym*
- *Consortium participants*
- *Project output (max. 1 page)*
- *Description of market and customers (max. ½ page)*
- *The business perspective (max. 1 page)*
- *The business model (max. ½ page)*
- *Risk analysis (max. ½ page)*

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

## **APPLICABLE LEGISLATION AND GUIDELINES**

Act on a Green Development and Demonstration Programme, Act. No. 1502 of 27 December 2009: <https://www.retsinformation.dk/Forms/R0710.aspx?id=129569>

Administrative Order on a Green Development and Demonstration Programme, Order No. 1261 of 24 November 2014:

<https://www.retsinformation.dk/Forms/R0710.aspx?id=165671>

GUDP – full application guideline (In Danish):

<http://naturerhverv.dk/tilskud-selvbetjening/tilskudsguide/groent-udviklings-og-demonstrationsprogram-gudp/#c10113>

Reference is made to the GUDP Strategy 2015-18 and Action Plan 2014:

<http://naturerhverv.dk/tvaergaende/gudp/gudp-bestyrelsen/>

## **APPLICATION FORM**

Application form, further information and match making tools are available at the homepage for the ERA-NET SusAn.

### **For further information:**

Dr. Helle Palmø

Green Development and Demonstration Programme (GUDP)

Danish Ministry of Environment and Food, Danish AgriFish Agency

e-mail: [helpal@naturerhverv.dk](mailto:helpal@naturerhverv.dk), phone +45 2523 8529

**National topic priorities:**

Sustainable intensive animal production

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

Website <http://naturerhverv.dk/tvaergaende/gudp/internationalt-samarbejde/>

## National Annex

# 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 National Contact Point.

### Funding Party:

Ministry of Rural Affairs (MEM)



REPUBLIC OF ESTONIA  
MINISTRY OF RURAL AFFAIRS

### Funding Programme:

Applied Research and Development in Agriculture 2015 2021

### National Contact Point:

Ministry of Rural Affairs (MEM)

Research and Development Department



REPUBLIC OF ESTONIA  
MINISTRY OF RURAL AFFAIRS

| contact person: | email:                  | telephone:    |
|-----------------|-------------------------|---------------|
| Helena Pärenson | helena.parenson@agri.ee | +372 625 6550 |
| Küllli Kaare    | kylli.kaare@agri.ee     | +372 625 6554 |

### Eligibility criteria:

The call is addressed to public research institutions and public universities.

Project manager must have a doctoral level degree and research publications and/or patents registered in their name during the last 5 years.

### Eligible expenditure:

The expenses to be incurred for the implementation of the project and the continuous expert analysis must be directly related to the activities and inescapable for the implementation of the project and continuous expert analysis and meet the following conditions:

- » labour costs and holiday pay in proportion to the time worked for the Programme and pursuant to the procedure prescribed by the Employment Contracts Act;
- » remuneration paid under a contract for services or other contracts pursuant to the procedure prescribed by the Law of Obligations Act;

- » transport expenses based on a public transport ticket or the sum on a taxi receipt, in accordance with actual expenses verified by a supporting document on fuel consumption or pursuant to the terms and conditions of the use of private vehicles and compensation per kilometre as established by the institution pursuant to the procedure prescribed by the Regulation of the Government of the Republic No. 164 of 14 July 2006;
- » travel costs, including participation fees in seminars or conferences pursuant to the procedure prescribed by the Regulation of the Government of the Republic No. 110 of 25 June 2009;
- » the expenses related to the purchase, lease, modernisation and installation of premises, land, resources, scientific equipment, instruments, fixtures and fittings, including office equipment required for their operation (computers, digital cameras, etc.) to the extent that they are used for the project and for the performance of the continuous expert analysis during the implementation of the project;
- » maintenance costs of scientific equipment, instruments, fixtures and fittings, which ensure the intended operation of the research and development infrastructure to the extent that they are used for the project and for the performance of the continuous expert analysis during the implementation of the project;
- » expenses related to work outsourced from other institutions or laboratories;
- » other operating expenses, including costs related to materials, accessories, inventories and other similar products, which have directly been incurred in connection with the project or the performance of the continuous expert analysis;
- » software licenses, access fees (licence fees) for the use of databases;
- » costs related to the acquisition of specialty-specific software; and
- » overhead costs, including overhead charge to the extent of 20% of the budget of the project or the performance of the continuous expert analysis.

**National topic priorities:**

not applicable

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

Website <http://agri.ee/et/pollumajanduslikud-rakendusuringud-ja-arendustegevus-aastatel-2015-2021>

## National Annex

# FINLAND



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 National Contact Point.

### Funding Party:



Ministry of Agriculture and Forestry (MMM)

### Funding Programme:

Research and Development funding of Ministry of Agriculture and Forestry

### National Contact Point:

| contact person: | email:               | telephone:      |
|-----------------|----------------------|-----------------|
| Katri Levonen   | Katri.Levonen@mmm.fi | +358 2951 62385 |
| Suvi Ryyänen    | suvi.ryynanen@mmm.fi | +358 2951 62126 |

### Eligibility criteria:

The work carried out must be pre-competitive research and/or prototype demonstration. Product development supporting individual companies will not be supported. Financial involvement must be clearly stated in the application. The application must contain a plan for communication of results.

Funding does not cover expenditures for activities before the project has been granted. Normally max. 70 % of the project's gross eligible costs can be covered by the MMM funding. Applicants must provide the necessary apparatus for the project themselves. If a special apparatus is needed an explanation and application for funding for apparatus must be included. If the applicant has not earlier given the explanation for indirect employee costs and overheads the applicant has to give an account to the ministry. The Finnish participation must follow the General Terms and Conditions of MMM R&D funding ([Maa- ja metsätalousministeriön rahoittaman yhteistutkimuksen yleiset ehdot 2014](#)).

Maximum funding per project is €200,000.

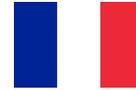
### More details in the national call announcement:

Website <http://www.mmm.fi/tutkimus>



## National Annex

# 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 and contact the National Contact Point.

### Funding Party:

Agence Nationale de la Recherche (ANR)



### Funding Programme:

Environment and Biological Resources

### National Contact Point:

| contact person: | email:                           | telephone:        |
|-----------------|----------------------------------|-------------------|
| Maurice Héral   | Maurice.HERAL@agencerecherche.fr | +33 1 78 09 80 33 |

### Eligibility criteria:

Proposed projects may not exceed 36 months.

One project can require a minimum of 15,000 € and up to 200,000 €.

Applicants must include at least one French partner in the public research organization category (university, EPST – Scientific or Technical Public Institution, EPIC – Industrial or Commercial Public Institution). Participation of a French private partner is not mandatory but would be appreciated.

It is important to read carefully the call for proposals text, the present document in its entirety, and the regulations concerning the conditions of allocation of ANR funding (<http://www.agence-nationale-recherche.fr/RF>) before submitting a research project.

The French part of the project proposal must not be judged similar to a project that is already financed by the ANR or submitted to another ANR call for proposals in the 2015 edition.

The French part of the project proposal must not be considered to infringe an intellectual property right characterizing a counterfeit within the meaning of intellectual property.

### **Recommendations concerning the involvement of French personnel**

- The French project coordinator should devote at least 30% of his/her research time to the project<sup>1</sup>.
- The total (in person months) of the non-permanent personnel (postdocs, fixed-term contracts, temporary workers) receiving ANR funding should not exceed 30% of the total (in person months) of the staff (permanent and non-permanent personnel) of the French partners assigned to the project.
- The financing duration for each post-doctoral participant should not be less than 12 months.

### **Actions to be funded concerning scientific and technical culture, communication actions and capacity building**

Actions relating to scientific and technical culture and communication are eligible for ANR funding inside the projects. They must be clearly linked to the project and have an ambitious target impact, specifying the specific audiences (e.g.: the media, youth, working populations, teaching professionals, etc.). It is recommended to associate scientific communication/mediation professionals in these actions for the conceptual design of the project (communication departments of research organizations and companies, scientific cultural operators, etc.). Training inside the project and exchange of PhD and post doc between the participants are recommended. The contribution of a project to the content of higher education courses can enhance its impact. Supporting the integration of current research themes in teaching programmes is a notable example. The projects funded by the ANR can integrate this type of initiative in their work programme. The proposed actions in favour of higher education must have a direct link with the content of the project. The actions can be diverse (construction of websites, design and development of original teaching tools based on research material, teaching conference cycles. The budget devoted to these tasks should not exceed 10% of the requested funding. These actions must form the subject of a clearly identified project task. They shall be evaluated as a factor in the overall impact of the project.

### **List of eligible costs**

The funds allocated by the ANR to each French partner will be provided as a non-reimbursable grant in accordance with the provisions of the "Regulations relative to conditions of allocating ANR funds", which can be consulted on the ANR website.

#### *Subcontracting rules*

Beneficiaries may have the possibility to subcontract with third parties outside the project for specific work excluding fundamental research, industrial research, experimental development and technical feasibility study prior to industrial research and experimental development. The cost of these benefits is given on an individual from operating expenses and must be less

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<sup>1</sup> **Calculation of research time:** the evaluation of the time devoted to the project is based on the time devoted to research (taken to be 100%). Accordingly, a lecturer-researcher (or a member of an enterprise's personnel responsible for activities other than research) who devotes all his research time to a project for one year will be considered as a participant at 12 person.months. However, to calculate the total cost, his salary will be counted as equal to his actual full time (e.g. 50% of a lecturer-researcher's salary).

than or equal to 50% of total costs used in the base of the Help the Beneficiary, unless waived by the General management team of the ANR reasoned request.

#### *Conditions of funding of companies*

The European Community Framework of State aids to companies places a number of conditions on the allocation of ANR funds to companies. If these conditions are not fulfilled by a company participating in a selected project, the ANR will not allocate funding to that company. General rules for funding companies are available on ANR website.

### **Regulatory and contractual obligations**

The conditions of execution and financing of the research projects selected and funded by ANR on completion of the selection process shall be defined in the grant award agreements comprising general conditions available on the ANR website, and particular conditions (<http://www.agence-nationale-recherche.fr/RF>). The particular conditions of the grant award agreements shall be signed between the ANR and each of the French research project partners.

#### *Consortium agreement*

Under the supervision of the project coordinator, the partners must conclude an agreement specifying in particular:

- the sharing of the intellectual property rights of the project results;
- the conditions of publication / dissemination of the results;
- the technology transfer and the exploitation of the project results.

The French project partners will send a copy of this agreement to the ANR. A Consortium Agreement will need to be in place and reported to ANR before any payment will be made.

These agreements shall also enable the existence of any indirect financial support entering into the calculation of the maximum level of funding authorized under the European Community Framework for State aid for research, development and innovation (referred to hereinafter as the "EU Community Framework") to be determined.

It will be assumed that there is no indirect support if at least one of the following conditions is satisfied:

- the participating companies bear the totality of the research project costs;
- the results that do not give rise to intellectual property rights can be widely disseminated, and the research organization holds all the intellectual property rights, if any, resulting from its RDI activity;
- the research organization receives from the participating companies payment equivalent to the market price for the intellectual property rights resulting from the activities it carried out in the project and which are transferred to the participating companies. Any contribution of the participating companies to the research organization's expenses must be deducted from the said payment.

### **Scientific follow-up of the projects**

The scientific aspects of the funded projects shall be monitored by the ANR, in addition to the call for proposals follow-up activities (annual activity report, review meetings, collection of project impact information), during project execution and until one year after their completion. The intermediate progress reports provided under the call for proposals substitute for the

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reports usually requested by the ANR. The specific scientific follow-up by the ANR comprises:

- supply of up-to-date summaries of the project objectives, work and results, intended for the ANR publications on all media,
- participation in the seminars organized by the ANR (one or two participations).

The project proposals shall include the corresponding work load in their work programme.

### **Moral responsibility**

The funding of a project by the ANR does not relieve the French project partners of their obligations concerning the regulations and code of ethics and professional conduct applicable to their area of activity. The French partners undertake to keep the ANR informed of any change likely to modify the content, the partnership or the schedule of project performance between the time of project submission and publication of the list of selected projects. All the French partners undertake to follow the good research practices described in the code of ethics of the ANR project players available on the ANR website, equally well during the preparation of their submitted research project proposal as in its implementation if it is selected and funded by the ANR (<http://www.agence-nationale-recherche.fr/CharteDeontologieSoumission>).

### **Performance of ad-hoc reviews for the ANR**

The scientific and technical leader of each French partner of the submitted project proposals may be invited by the ANR to perform ad-hoc reviews in the context of other calls for proposals and/or programmes. They undertake to examine such requests with diligence.

### **National topic priorities:**

none

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

Website <http://www.agence-nationale-recherche.fr/en/international-cooperation/>

## National Annex

# 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 National Contact Point.

### Funding Party:

Federal Ministry of Food and Agriculture (BMEL)



### Funding Programme:

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

### National Contact Point:

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



| contact person:                                     | email:                | telephone:        |
|---|-----------------------|-------------------|
| Dr. Elke Saggau                                     | elke.saggau@ble.de    | +49 228 6845-3930 |
| specific questions on the scope:<br>Dr. Arnd Baßler | arnd.bassler@ble.de   | +49 228 6845-3506 |
| Babette Breuer                                      | babette.breuer@ble.de | +49 228 6845-2925 |

### Eligibility criteria:

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

- » The funding regulations, follow-up and reporting of publicly funded projects are regulated according to ANBest-P (Allgemeine Nebenbestimmungen), BNBest-BMBF 98 (Besondere Nebenbestimmungen) and NKBF 98 (Nebenbestimmungen für Zuwendungen auf Kostenbasis des Bundesministeriums für Bildung und Forschung 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, research institutions and SMEs domiciled in Germany. Research institutions receiving basic financing can be funded subject to specific conditions.

In order to prove their financial ability to participate in the proposed project, Small and Medium Enterprises (SMEs) have to submit, together with the electronic submission of the pre-proposal the documents for credit assessment that are available under the following link:

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

**National topic priorities:**

none

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

BMEL funding of the ERA-NET SusAn Co-funded Call is provided as delineated in the national announcement „Bekanntmachung Nr. 01/2016/31 zur Förderung von transnationalen Forschungsvorhaben im Rahmen des europäischen Forschungsnetzwerks (ERA-NET) „European Research Area on Sustainable Animal Production Systems (SusAn)““ of the Bundesministerium für Ernährung und Landwirtschaft (BMEL), published in the Bundesanzeiger, link to be found on BLE homepage [www.ble.de](http://www.ble.de).

## National Annex

# IRELAND



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 National Contact Point.

### Funding Party:

Department of Agriculture, Food and the Marine (DAFM)



and

Teagasc - Agriculture and Food Development Authority



### Funding Programme:

Research Stimulus Fund

Walsh Fellowship Programme

### National Contact Point:

Department of Agriculture, Food and the Marine (DAFM), Research and Codex Division



| contact person: | email:                           | telephone:      |
|-----------------|----------------------------------|-----------------|
| Noel Collins    | noeld.collins@agriculture.gov.ie | +353 1 607 2924 |

DAFM and Teagasc invite applicants from eligible Irish Research Performing Organisations (RPOs) to submit joint research proposals under this ERA-NET SusAn (European Research Area on Sustainable Animal Production) Co-Fund Call, either as partners or coordinators.

The total indicative funding provided by DAFM and Teagasc in respect of this Call shall not exceed €1,000,000.

### **Eligibility**

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

### **Funding Rules**

Applications must include at least two Irish RPOs, each accounting for at least 10% of the overall combined grant requested from DAFM/Teagasc.\* The total combined DAFM/Teagasc public funding to Irish RPOs shall not be greater than €333,333 per project. This must include €88,000 for a four-year Walsh Fellowship-funded PhD (€16,000/year stipend plus a maximum of €6,000/year fees). As the ERA-NET SusAn Call invites proposals for three-year projects the scientific work should be completed within the first three years in collaboration with the European partners. The overall project will have to present a final report to ERA-NET SusAn after three years. The fourth year is primarily for completion of the PhD and writing up of the thesis. For this fourth year, a minimal Irish budget should be included to cover the cost of the Walsh Fellow fees and stipend and some minimal travel and consumables.

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

Eligible costs will be allowed in the categories of:

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

### **National topic priorities:**

Proposals should accord priority to research effort and knowledge exchange activities in sheep, beef and dairy cattle.

Proposals must closely align with the relevant national strategic research and innovation agenda; Sustainable Healthy Agri-Food Research Plan (SHARP).

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

<http://www.agriculture.gov.ie/research/>

## National Annex

### 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 National Contact Point.

#### Funding Party:

Ministry of Health- General Directorate for animal health and  
veterinarian farmaceutical  
MoH DGSAF



#### Funding Programme:

Ricerca Corrente 2015

#### National Contact Point:

MoH  
DGSAF/ Unit II



| contact person:  | email:            | telephone:       |
|------------------|-------------------|------------------|
| Dr. Marina Bagni | m.bagni@sanita.it | +39 06 5994 6129 |
|                  |                   | +393396102535    |

#### Eligibility criteria:

Italian research units willing to apply to the present call are required to meet the criteria of the guidelines for “Ricerca Corrente” (prot. 698/13.11.2006 and 978/17.04.2007 and further amendment), for all the issues which are not specified in or in contrast to the present guide.

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

- » 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).
- » 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 veterinary” - 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.
- » Should any further information be needed please contact m.bagni@sanita.it

**National topic priorities:**

Animal health and welfare.

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

## National Annex

### 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 National Contact Point.

#### Funding Party:

Ministry of Agricultural, Food and Forestry Policies (MIPAAF)



#### Funding Programme:

[STRATEGIC PLAN 2014-2020 FOR INNOVATION AND RESEARCH IN THE AGRICULTURAL, FOOD AND FORESTRY SECTOR](#)

#### National Contact Point:

Ministero delle politiche agricole alimentari e forestali - MIPAAF  
DISR IV RESEARCH AND INNOVATION  
Department of international and EU policies and rural development



| contact person:   | email:                               | telephone:      |
|-------------------|--------------------------------------|-----------------|
| Claudio Lorenzini | c.lorenzini@politicheagricole.gov.it | +39 06 46655076 |
| Elena Tibaldi     | e.tibaldi@politicheagricole.gov.it   | +39 06 46655176 |

#### Eligibility criteria:

National public research institutions and no-profit private bodies, with among their institutional and statutory scopes include “performing research activities” and not only “promoting or supporting research activities”, can apply for funding.

National public institutions include public bodies supervised by Ministries, regional and provincial centres, university departments and institutes, university consortia, interdepartmental centres.

It is mandatory, for all the no-profit private research bodies defined above, that they state in

the official documents (statute and/or articles of incorporation, memorandum of association) that among their missions they also “perform research activities”.

SME or other private bodies can participate, giving an added value to the research project, if they are able to provide their own financial resources to carry out the work. A short description of the Enterprise involved in a proposal, its role and the added value bring to the project with its participation must be included.

**National topic priorities:**

STRATEGIC PLAN 2014-2020 FOR INNOVATION AND RESEARCH IN THE AGRICULTURAL, FOOD AND FORESTRY SECTOR: Area 1, Sustainable increasing of production, profitability and resources efficiency in agro eco-systems, Objective a (Increasing of competitiveness, profitability and sustainability of agricultural production, livestock and forestry (varietal choice, race, final use, breeding; optimization of production processes - cultivation technique, feeding, animal welfare, risk prevention, energy saving, etc. – even through the usage of decision support systems – remote sensing, precision agriculture and husbandry, total mechanization, robotics and smart systems, application of principles and instruments)), b (Sustainable use of nutrients, plant protection products and products Zooprophyllactic. Use of micro-organisms, insects and bioactive molecules for plant protection), c (sustainable use of pesticides, zooprophyllactic and biotic and abiotic nutrients, even using new formulation and molecules of natural origin), g (Development of low-cost and user friendly management software, for small and big enterprises aimed to characterization of carbon footprint); Area 2, Climate change, biodiversità, soil functionality and other ecological and social services provided by agricultural activities, Objective b (Valorization of local varieties and races, genetic resources safeguard), Area 3, Coordination and integration of value chain process and strenghtening of the role of agriculture, Objective a (Organisational solutions to the economical and social structural difficulties that affect the horizontal and vertical integration in productive district and value chains), b (Technological solutions to improve the value chain processes).

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

Website <https://www.politicheagricole.it/flex/cm/pages/ServeBLOB.php/L/IT/IDPagina/202>

## National Annex

# 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 National Contact Point.

### Funding Party:

State Education Development Agency (VIAA)



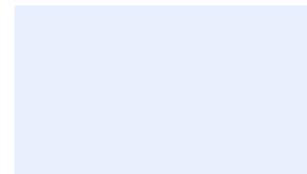
State Education  
Development Agency  
Republic of Latvia

### Funding Programme:

National Programme „Support for Participation in European Union’s Research and Technology Development Programs”

### National Contact Point:

State Education Development Agency (VIAA)  
International Research Program Unit



| contact person: | email:   | telephone:    |
|-----------------|--|---------------|
| Linda Kluga     | <a href="mailto:linda.kluga@viaa.gov.lv">linda.kluga@viaa.gov.lv</a> | +371 67559495 |

### Eligibility criteria:

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

- » R&D institutions (research institutes, universities, higher education establishments, research centres etc.) that are listed in the Registry of Research Institutions operated by the Ministry of Education and Science of the Republic of Latvia.
- » Private entities that are registered in the Registry of Enterprises of the Republic of Latvia and provide most of their R&D&I activities in the Republic of Latvia.

Types of costs that are eligible for funding:

Direct Costs:

- » personell costs,
- » other direct costs such as consumables, equipment (only depreciation costs), materials, events etc.,
- » subcontracts (up to 20% of the total direct costs)
- » travel costs.

Indirect costs can reach a maximum of 25% of the total direct costs.

Upper funding limit is 70 000 EUR/year per project participant.

**National topic priorities:**

Smart Specialization Strategy of Latvia, specialization area - knowledge-based bio-economics

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

Website [http://www.viaa.gov.lv/lat/zinatnes\\_inovacijas\\_progr/era\\_net\\_proj/par\\_era\\_net/](http://www.viaa.gov.lv/lat/zinatnes_inovacijas_progr/era_net_proj/par_era_net/)

## National Annex

# 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 National Contact Point.

### Funding Party:

Programme Owner  
Ministry of Agriculture of Lithuania (MoA)



### Funding Programme:

Agriculture, food and rural development promotion program.

### National Contact Point:

Ministry of Agriculture of Lithuania Department of Economics



| contact person:     | email:                     | telephone:    |
|---------------------|----------------------------|---------------|
| Skirmantė Smalskytė | skirmante.smalskyte@zum.lt | +370 52391125 |

### Eligibility criteria:

As a general rule in SusAn call, each project partner can not apply for more than their total national/regional budget . In the case of the Lithuania participant, the maximum budget will be 100.000€/project.

Funding will be provided to the Lithuanian participants according to the standard procedures of the Regulation of International Research project administration of the year 2015-2020 and are set up by Ministry of Agriculture of Lithuania

Eligible costs:

1. Personal costs (salaries of personnel, travel expenses)
2. Equipment and material
3. Expenditure on research , knowledge and patents procured by license
4. Other operating expenses (materials, reagents , instruments , safety measures , software and ( or ) the measures that are consumed during the execution of the project)
5. Indirect costs (20% of direct costs)

**National topic priorities:**

Research project proposal must cover the three research areas of SusAn call:

- » Research Area 1: “Improve the productivity, resilience and competitiveness of European Animal Production”
- » Research Area 2: “Improve and manage resource use to reduce waste and enhance the environmental sustainability of European Animal Production”
- » Research Area 3: “Improve on-farm practices to enhance consumer acceptability and address societal challenges associated with animal welfare, product quality and safety, biodiversity and provision of ecosystem services”

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

Website <http://zum.lrv.lt/lt/veiklos-sritys/mokslas-mokymas-ir-konsultavimas/mokslas/teisine-informacija-1>

## National Annex

# 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 National Contact Point.

### Funding Party:

Netherlands Organisation for Scientific Research (NOW)



### Funding Programme:

Agriculture, Food and Horticulture

### National Contact Point:

Netherlands Organisation for Scientific Research (NOW)



Ministry of Economic Affairs (MINEZ)



| contact person:    | email:                  | telephone:   |
|--------------------|-------------------------|--------------|
| Martijn Los        | m.los@nwo.nl            | +31703440508 |
| Françoise Divanach | f.t.m.divanach@minez.nl | +31703786083 |

### Eligibility criteria:

A Dutch partner may request a maximum of 250.000 €, consisting of max. 207.663 € (post-doc 3-years full-time) for personnel and max. 50.000 € for materials (consumables and travel). These amounts include tax (BTW). For personnel funding can be requested for post-doc researchers (temporary position) only, with the exception of senior researchers with a fixed position at TO2 or HBO institutes for whom funding can be requested at post-doc level in this specific call (see additional criteria on NWO website).

Funding can be applied for by associate, assistant and full professors or researchers with a

comparable position who hold an appointment at a Dutch university or a research institute recognised by NWO. For this specific call, this includes TO2 and HBO institutes (see additional criteria on NWO website).

Proposed participations may last up to a maximum of 36 months.

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

**National topic priorities:**

Subtopics 1 and 3

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

NWO website <http://www.nwo.nl/en/funding/our-funding-instruments/alw/era-net-sustainable-animal-production-susan/era-net-sustainable-animal-production-susan.html>

## National Annex

### 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 National Contact Point.

#### Funding Party:



The Research Council of Norway (RCN)

#### Funding Programme:

Sustainable Innovation in Food and Bio-based Industries (BIONAER)

#### National Contact Point:

| contact person: | email:     | telephone:                   |
|-----------------|------------|------------------------------|
| Siri Anzjøn     | sia@rcn.no | +47 22037098<br>+47 47400171 |

#### Eligibility criteria:

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

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.

The maximum grant for Norwegian participation: € 220.000 per proposal.

Who can be eligible for funding?

Norway will support researcher project in this call. This implies that the responsible Norwegian partner in the project has to be a Norwegian research institution, but Norwegian enterprises or e.g.: Norwegian companies, groups of companies or trade and industry organisations are also welcome to join the projects as partners or subcontractors.

Norwegian participation must fulfil RCN's requirements for researcher projects:

<http://www.forskningsradet.no/servlet/>

**National topic priorities:**

All three Research Areas (R.A.1, R.A. 2 and R.A. 3) are open for Norwegian participation. The Norwegian participation in the call should be in line with the programme on Sustainable Innovation in Food and Bio-based Industries (BIONAER). Proposals within the marine sector / fisheries are not invited, unless they represent basic research with relevance also for the agricultural sector.

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

Applicants are welcome to take contact with the contact person in the Research Council.

<http://www.forskningsradet.no/prognett-bionaer/>

## National Annex

# 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 National Contact Point.

### Funding Party:

National Centre for Research and Development (NCBR)



### Funding Programme:

BIOSTRATEG “environment, agriculture and forestry”

### National Contact Point:

| contact person: | email:                      | telephone:        |
|-----------------|-----------------------------|-------------------|
| Adrianna Pawlik | adrianna.pawlik@ncbr.gov.pl | + 48 22 39 07 491 |

### Eligibility criteria:

Terms and conditions:

Eligible type of research:

- » Industry research
- » Experimental development

Other type of activities (e.g. coordination, dissemination, management) is not eligible for funding as separate research tasks in the project schedule.

Eligibility of a partner as a beneficiary institution:

- » Research organizations,
- » Micro, Small, Medium and Large Enterprise

Organization must be registered in Poland.

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

- » The Act of 30 April 2010 on the Principles of Financing Science, published in Journal of Laws item 1620, 2014;

- » The Act of 30 April 2010 on the National Centre for Research and Development, published in Journal of Laws item 1788, 2014 and item 249, 2015;
- » 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.

Funding 0.5 M euro

**Admitted costs**

Funding rates :

Funding quota of Polish participants can be up to 100% for universities or research organisations. In 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.

**Eligible costs:**

- » personnel costs (researchers, technicians and other supporting staff to the extent employed on the research project);
- » 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;
- » 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;
- » other operating costs including costs of materials, supplies and similar products incurred directly as a result of the research activity;
- » additional overheads incurred indirectly as a result of the research project; that costs cannot account for more than 25% of eligible project costs excluding subcontracting; that costs (6) are counted as a multiplication by percentage given above (called x%) and the rest of direct costs, excluding subcontracting.

**National topic priorities:**

no topic priorities

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

## National Annex

# PORTUGAL



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 National Contact Point.

### Funding Party:

Fundação para a Ciência e a Tecnologia  
FCT



### Funding Programme:

Project 3599 - Promote the Scientific Production, Technological Development and Innovation

### National Contact Point:

| contact person: | email:            | telephone:       |
|-----------------|-------------------|------------------|
| Maria Maia      | Maria.Maia@fct.pt | +351 213 911 543 |

### Eligibility criteria:

The funding of the Portuguese participation in a transnational project must follow the Regulations governing access to funding for scientific research and technological development projects at: <http://www.fct.pt/apoios/projectos/regulamento.phtml.en>

Portuguese teams need to send a Statement of Commitment to the FCT National Contact Point, duly signed, dated and stamped available on FCT website.

### Funding

If the Portuguese applicant IS the transnational proposal consortium coordinator, the maximum funding per project for 3 years duration is up to 180.000,00 Euros, to be shared between participating Portuguese institutions.

If the Portuguese applicant IS NOT the transnational proposal consortium coordinator, the maximum funding per project for 3 years duration is 130.000,00 Euros, to be shared between participating Portuguese institutions

**National topic priorities:**

none

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

<http://www.fct.pt/>

## National Annex

# SLOVAKIA



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 National Contact Point.

### Funding Party:

Ministerstvo pôdohospodárstva a rozvoja vidieka  
Slovenskej Republiky (MPRV SR)/Ministry of Agriculture and Rural  
Development of the Slovak Republic



### Funding Programme:

0901503 Research Supporting Animal Production (R&D Programme of the MPRVSR)

### National Contact Point:

Ministerstvo pôdohospodárstva a rozvoja vidieka SR  
Sekcia pôdohospodárskej politiky a rozpočtu/  
Section on Agricultural Policy and Budget  
Odbor stratégií a koncepcií/  
Department on Strategies and Concepts



| contact person:  | email:                       | telephone:        |
|------------------|------------------------------|-------------------|
| Jana Hreňová     | jana.hrenova@land.gov.sk     | +421 2 592 66 229 |
| Tatjana Antalová | tatjana.antalova@land.gov.sk | +421 2 592 66 231 |

### Eligibility criteria:

Funding based on Law No. 172/2005 of the Coll. on the organisation of the state support of the research and development, Law No. 523/2004 of the Coll. on the budgetary rules of the public administration (both in valid wording) and Science and Research Model in the Sector of the Ministry of Agriculture of 1 October, 2009, laying down principles of funds allocation. Details will be published on the MPRV SR website.

At least one of the participating institutions has to be part of the research institution established by the Ministry of Agriculture and Rural Development of the SR.

Projects focused on research in the following areas:

Research Area 1: Improve the productivity, resilience and competitiveness of European Animal Production

Research Area 2: Improve and manage resource use to reduce waste and enhance the environmental sustainability of European Animal Production

Research Area 3: Improve on-farm practices to enhance consumer acceptability and address societal challenges associated with animal welfare, product quality and safety, biodiversity and provision of ecosystem services.

**National topic priorities:**

Research Area 1:

Livestock breeding for improved resilience and efficiency (Dairy cattle, sheep, pig, small farm animals, honey bees). It will target efficiency and resilience related traits in livestock to achieve balanced breeding goals.

Research Area 2:

Gas emissions from animal production, animal wastes management - composting, alternative types of recycling

Research Area 3:

Public acceptability of animal production, consumer survey, people's views on welfare, food safety and quality.

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

Will be announced on <http://www.mpsr.sk/>

## National Annex

# SLOVAKIA



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 National Contact Point.

### Funding Party:

Slovak Academy of Sciences (SAS)



### Funding Programme:

“Research in the field of agricultural and veterinary sciences”

### National Contact Point:

| contact person:   | email:                  | telephone:          |
|-------------------|-------------------------|---------------------|
| Dr. Ján Barančík  | barancik@up.upsav.sk    | + 421 2 57 51 01 37 |
| Lucia Serencesova | serencesova@up.upsav.sk | +421 2 57 51 02 45  |

### Eligibility criteria:

- » 3 year transnational projects with 3 or more eligible project consortium partners and from at least 3 different SusAn joint transnational cofunded call funding countries
- » Translational projects are encouraged of a partner as a beneficiary institution
- » Only research Institutes of the Slovak Academy of Sciences are eligible organisations for funding by SAS (up to 100%). Applicants from other Slovak R&D centres (universities and/or other organisations) have to cover the project costs from their own sources (letter of Commitment). In addition to this, the teams outside of SAS can be consortium members but not the coordinator of the consortium.

### Funding

Indicative budget: 120.000 €

### Admitted costs

- » Direct costs (DC): Personnel (max. 15% of DC), Consumables, Equipment (max. 40% of DC) and Travel costs will be eligible costs.
- » Indirect costs (IC - overheads): max. 20 % of DC.
- » Total eligible costs = DC + IC

- » Training costs shall not be defined as a separate category, but included in other costs items.

[www.sav.sk/index.php?lang=sk&charset=&doc=services-news&source\\_no=25&news\\_no=5570](http://www.sav.sk/index.php?lang=sk&charset=&doc=services-news&source_no=25&news_no=5570)

### **National phase**

Submission of the proposal at a national level will be carried out once the international evaluation and the ranking list have been performed and endorsed by the Call Steering committee (CSC) and the Slovak project partner has been informed by the project consortium coordinator and invited by SAS to submit the proposal to it. The Presidium of SAS makes the final decision concerning the approval of funding (according to internal rules of SAS).

### **Further guidance**

- » <http://www.sav.sk/>
- » 133 Act of February 19, 2002 on the Slovak Academy of Sciences,
- » Financial rules for awarding SAS grants for research projects in frame of ERA-Net Programme for research institutes of SAS
- » Principles of allocation of funds for the institutes of SAS to support projects in the field of international scientific cooperation

[http://www.sav.sk/index.php?lang=sk&charset=&doc=services-news&source\\_no=25&news\\_no=5570](http://www.sav.sk/index.php?lang=sk&charset=&doc=services-news&source_no=25&news_no=5570)

## National Annex

# SLOVENIA



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 National Contact Point.

### Funding Party:



Ministry of Agriculture, Forestry and Food  
MKGP

### Funding Programme:

Kmetijsko znanstveno raziskovalno delo

### National Contact Point:

| contact person: | email:              | telephone:       |
|-----------------|---------------------|------------------|
| Jana Erjavec    | jana.erjavec@gov.si | + 386 1 478 9123 |

### Eligibility criteria:

The call is addressed to any research organization (universities, research institutes, SME's etc.), defined as eligible in the national Research and Development Act (Official Gazette of the Republic of Slovenia No. 61/06-ZDru-1, 112/07, 9/11 in 57/12-ZPOP-1A).

The official national call announcement will be published on the MKGP website ([http://www.mkgp.gov.si/si/javne\\_objave/javni\\_razpisi/](http://www.mkgp.gov.si/si/javne_objave/javni_razpisi/)).

### Funding

MKGP will support the following selected Research Areas:

- » Research Area 1: "Improve the productivity, resilience and competitiveness of European Animal Production"
- » Research Area 3: "Improve on-farm practices to enhance consumer acceptability and address societal challenges associated with animal welfare, product quality and safety, biodiversity and provision of ecosystem services"

The total indicative funding provided by MKGP in respect of this Call shall not exceed €150,000.

The funds can be redistributed between the research areas No 1 and 3, if will be necessary.

MKGP will fund eligible costs of Slovenian partners in accordance with the Decree on criteria and standards for allocating resources for the implementation of the national Research Programme (Official Gazette of the Republic of Slovenia, No. 103/11, 56/12 and 15/14), participating in successful transnational projects, recommended for funding.

In addition to the general rule in SusAn call, in case of Slovenia, the total requested funding for all Slovenian partners within one consortium should not exceed 75.000 € per project.

The funding intensity of Slovenian participants (100% or 75%) will be decided on a case by case basis depending on the type of research according to the rules of the Slovenian Research Agency (ARRS).

Funding is subject to the availability of national funds and will be conducted in accordance with the Community Framework for State Aid for Research and Development and Innovation (<http://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=OJ:C:2014:198:FULL&from=SL>).

Each national coordinator can apply with only one proposal.

The national phase of the call is to be determined. Further instructions on how to proceed will be published on the MKGP ([http://www.mkgp.gov.si/si/javne\\_objave/javni\\_razpisi/](http://www.mkgp.gov.si/si/javne_objave/javni_razpisi/)) webpage in due time.

Applicants are advised to contact the Slovenian National Contact Person, Mrs. Jana Erjavec before preparing proposals for application.

**National topic priorities:**

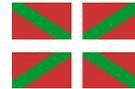
Proposals (under the selected Research Area 1, 3) must closely align with the relevant national strategic priorities, defined in strategic documents in the field of agriculture.

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

Website [http://www.mkgp.gov.si/si/javne\\_objave/javni\\_razpisi/](http://www.mkgp.gov.si/si/javne_objave/javni_razpisi/)

## Regional Annex

### BASQUE REGION, SPAIN



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 Regional Contact Point.

#### Funding Party:

Directorate of Quality and Food Industries, Department for Economic Development and Competitiveness, Basque Government



#### Funding Programme:

Research and Development Programme on Agriculture and Fisheries

#### Regional Contact Point:

Basque Food Safety Foundation (ELIKA)  
Research and European networks



| contact person: | email:             | telephone:                       |
|-----------------|--------------------|----------------------------------|
| Mónica de Prado | mdeprado@elika.eus | +34 945122174 /<br>+34 635732401 |

#### Eligibility criteria:

The call is addressed to any public/private research institutions, universities and agro-food industry sited in Basque Country. For ELIKA, only one pre-proposal per Basque applicant, will be accepted.

## Funding

As a general rule in SusAn call, each project partner can not apply for more than their total national/regional budget . In the case of the Basque participant, the maximum budget will be 100.000€/project.

Funding will be provided to the Basque participants according to the standard research procedures of the Quality and Food Industry Directorate of the Department for Economic Development and Competitiveness of the Basque Government, funder of the co-funded projects with Basque participants (i.e. collaboration agreement between ELIKA and the basque participant of the project)

Applicants should contact the Regional Contact Point and send an abstract of the pre-proposal as well as a copy of the full proposal at least 10 days before the closing date of both steps of SusAn call.

An initial funding will be transferred to the beneficiary at the start of the project and annual payments will be followed after sending to ELIKA the annual scientific report in English (and abstract in Spanish).

### Admitted costs

The applicants should break down the costs per year, as following:

#### 1. Personal costs:

- » Salaries of personnel working for the project
- » travel expenses only for personnel included in the project

2. Equipment and material: Essential equipment and material acquired for the project will be included

3. Indirect costs (20% of direct costs)

### Regional topic priorities:

The research project proposal must cover the three research areas of SusAn call taking a system approach based on interdisciplinary and multi-actor expertise (check pre-proposals evaluation chapter 5.1.4. in the call announcement):

- » Research Area 1: “Improve the productivity, resilience and competitiveness of European Animal Production”
- » Research Area 2: “Improve and manage resource use to reduce waste and enhance the environmental sustainability of European Animal Production”
- » Research Area 3: “Improve on-farm practices to enhance consumer acceptability and address societal challenges associated with animal welfare, product quality and safety,

biodiversity and provision of ecosystem services”

The research project proposal must benefit the livestock, feed and food sector of the Basque Country towards the development of Sustainable Animal Production.

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

Websites

[http://www.elika.eus/es/novedades\\_investigacion.asp](http://www.elika.eus/es/novedades_investigacion.asp)

<http://www.nasdap.ejgv.euskadi.eus/r50-2397/es/>

## National Annex

### 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 National Contact Point.

#### Funding Party:



Centre for Industrial Technological Development (CDTI)

#### Funding Programme:

ERA NET

#### National Contact Point:

| contact person: | email:                | telephone: |
|-----------------|-----------------------|------------|
| Carlos Franco   | carlos.franco@cdti.es | 915815500  |
| Julian Díaz     | julian.diaz@cdti.es   | 915815500  |

#### Eligibility criteria:

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

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

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

#### Eligible costs:

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

Project duration: The duration of the projects will be from 1 to 3 years

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

Additionally to the international application process, all Spanish applicants that aim to received CDTI's funding (projects coordinators and partners) must submit a formal application (with the information related to National Eligibility check) by way of CDTI's electronic submission system. This information have to be submitted to CDTI no later than 15 days after the closing date for pre-proposals and full proposals, respectively.

**National topic priorities:**

Any topic described within the call text can be funded by CDTI provided that the above eligibility criteria are met.

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

Website <https://www.cdti.es/index.asp?MP=7&MS=724&MN=3>

## National Annex

### 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 National Contact Point.

#### Funding Party:

National Institute for the Agricultural and Food Research and Technology (INIA)



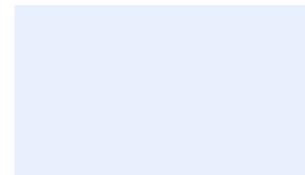
#### Funding Programme:

[Strategic and national Plan for technical and scientific research and innovation 2013-2016](#)

#### National Contact Point:

National Institute for the Agricultural and Food Research and Technology (INIA)

SGPCP. Department of International Relations.



| contact person:                 | email:                     | telephone:     |
|---------------------------------|----------------------------|----------------|
| Anabel de la Peña               | anaisabel.delapena@inia.es | +34 91 3478776 |
| Paloma Resino (to give support) | resino@inia.es             | +34 91 3478742 |

#### Eligibility criteria:

The call is addressed to public research institutions and public universities. For INIA, only one pre-proposal per Spanish applicant, will be accepted

The three selected Research Areas in the call are eligible for INIA:

- » Research Area 1: "Improve the productivity, resilience and competitiveness of European Animal Production"
- » Research Area 2: "Improve and manage resource use to reduce waste and enhance the environmental sustainability of European Animal Production"
- » Research Area 3: "Improve on-farm practices to enhance consumer acceptability and address societal challenges associated with animal welfare, product quality and safety,

biodiversity and provision of ecosystem services”

The project consortium have to consist of researchers from at least three partners from three countries, providing funds for the call. The maximum number of partners in the consortium is not restricted.

Researchers from non-funding countries in the call are welcome to participate in project proposals, by their own contribution

Any fundamental changes between the pre- and full-proposal, e.g. changes in the consortia/budget must be communicated to the INIA and Call Secretariat with detailed justification and will be allowed under exceptional circumstances, by the funding organizations only.

**Funding :**

INIA total funding is 300.000€. The requested contribution for Spanish applicant shall not exceed 100.000€. In case of several Spanish partners in a consortium, each Spanish partner might request 100.000€ as maximum.

Funding can be granted to research teams according to the rules and procedures of INIA. Funding will be subject to availability of the national budget and under the Spanish rules (Law 38/2003 of November 17 of General Grants, article 28.1).

Grant awards (including mobility) and their justification, will be made according with the INIA´s subsidization rules (Order ECC /2098/2013, of 8th November).

In case of budget limitations or budget reductions, an official agreement from the project coordinator to the National Contact Point (NCP) should be needed certifying that all partners involved in the consortium agree with the new funding conditions, in order to manage the contract with the beneficiary.

**Admitted costs:**

Subcontracts are not admitted costs.

Only costs arising after the start of the project will be eligible, funding does not cover expenditure for activities implemented before and after the project has been granted. Applicants should implement the project and should have the necessary resources to do it. The beneficiary should break down the costs per year, as following:

o Direct costs:

a. Salaries: Only for non-permanent scientific staff and non-permanent technicians hired for the project. PhD students and fellowship grants will not be eligible as personal costs.

b. Fungible materials

c. Travel and subsistence costs for meetings can be charged as eligible costs only for personnel included in the project, in accordance with the INIA´s rules (<http://www.inia.es>)

d. Equipment: Only essential scientific equipment purchased specifically for the project will be reimbursed. In case of equipment and instruments not used for their full life for the research project, only the depreciation costs corresponding to the research project, as calculated on the basis of good accounting practice, shall be considered eligible.

o Indirect costs:

20 % of the direct costs.

Electricity, heating, some consumables (e.g. office supplies, toners for prints and repairs) are

considered overheads.

The funds will be transferred to the beneficiary in an advance payment at the start of the project and other annual payments after scientific and financial justification by each beneficiary corresponding to each year. Annual scientific report in Spanish as well as in English will be submitted to INIA. Standards economic and scientific rationale for all beneficiaries of calls ERA-nets in which the funder is INIA are available at: <http://wwwsp.inia.es/RelInt/Era-nets/Normativa/>

» maximum project duration: The duration of the projects will be about 3 years

**National topic priorities:**

Only projects that clearly meet the needs of INIA, will have a priority treatment in the eligibility process. The Spanish priorities are [Lineas prioritarias para 2015](#)

Interdisciplinary research proposals will be prioritized.

An electronic copy of the pre-proposal and of the full proposal must be sent to the National/regional Contact Point (NCP), no later than the closing date for pre-proposals and full proposals, respectively.

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

Website

<http://www.inia.es/IniaPortal/goUrlDinamica.action?url=http://wwwsp.inia.es/RelInt/Era-nets>

## National Annex

### 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 National Contact Point.

#### Funding Party:

Formas

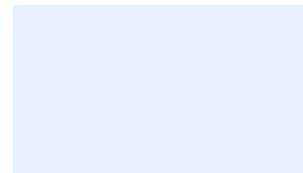


#### Funding Programme:

Formas Annual Open Call

#### National Contact Point:

The Swedish Research Council for Environment, Agricultural Sciences and Spatial Planning (Formas)



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

#### Eligibility criteria:

The project leader and co-applicants must have a doctoral degree. Grants can be administered by a Swedish university or university college, or other Swedish public institute that fulfils the grant administrating organisation eligibility requirements of Formas. There is no age limit for applicants, but fully retired researchers cannot obtain funds for their salary from Formas. Maximum project size is 375 000 Euro

#### National topic priorities:

none

#### More details in the national call announcement:



Website <http://www.formas.se>

## National Annex

# 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 National Contact Point.

### Funding Party:

Ministry of Food Agriculture and Livestock  
(MFAL)

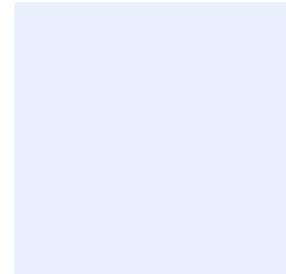


### Funding Programme:

Agricultural Research Programme of MFAL

### National Contact Point:

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



| contact person:    | email:  | telephone:                      |
|--------------------|---|---------------------------------|
| Handan ERKAN SAHİN | hesahin@tagem.gov.tr<br>handanerkan@yahoo.com | + 90 312 315 76 22-<br>26/1307  |
| Sezer ÖZ           | soz@tagem.gov.tr<br>ozsezer06@gmail.com       | + 90 312 315 76 22-<br>26 /1355 |

### Eligibility criteria:

Our organization 'General Directorate of Agricultural Research and Policies (GDAR) is connected to Ministry of Food Agriculture and Livestock' and has 49 research institutes. Only these 49 research institutes are eligible to benefit from our fund.

If universities from Turkey make cooperation with one of MFAL's research institute (MFAL

institute has to be a partner and university subcontracted), it is eligible.

Our provisional commitment is 200.000 € for ERA-SUSAn. Our organisation prefers to grant maximum 100.000 € to each project.

This amount includes % 20 overhead.

**National topic priorities:**

Animal breeding, Genetics, Animal Feed and Nutrition, Alternative Production Systems,

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

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

## National Annex

### 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 National Contact Point.

#### Funding Party:

THE SCIENTIFIC AND TECHNOLOGICAL RESEARCH  
COUNCIL OF TURKEY (TUBITAK)

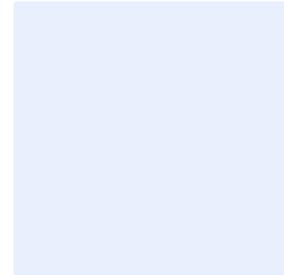


#### Funding Programme:

1001 - Scientific and Technological Research Projects Funding Program

#### National Contact Point:

THE SCIENTIFIC AND TECHNOLOGICAL RESEARCH  
COUNCIL OF TURKEY (TUBITAK)  
ARDEB/TOVAG



| contact person: | email:                         | telephone:              |
|-----------------|--------------------------------|-------------------------|
| Dr. Mahur ALTAY | mahur.altay@tubitak.gov.tr     | +903124685300/2807      |
| Alperen ERDOĞAN | alperen.erdogan@tubitak.gov.tr | +90 312<br>4685300/1617 |

#### Eligibility criteria:

Max. R&D funding per project:  $\approx$  118.000 € (360.000 Turkish Liras)

Max. duration: 36 months

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

Project application form in Turkish should be sent to TUBİTAK.

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

Banned coordinators/partners' projects will not be evaluated.

Coordinators/partners should not be employee of the institutions of Ministry of Food, Agriculture and Livestock (TURKEY), since they are the other funding partner of TURKEY.

**National topic priorities:**

Disease control and prevention

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

Website

<http://www.tubitak.gov.tr/tr/duyuru/era-net-susan-european-research-area-on-sustainable-animal-production-systems-projesi-cagrisi>

## National Annex

# UNITED KINGDOM (UK)



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 National Contact Point.

### Funding Party:

Department for Environment Food and Rural Affairs  
DEFRA



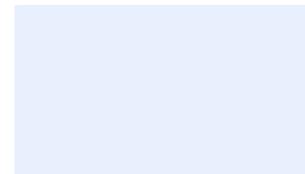
Department  
for Environment  
Food & Rural Affairs

### Funding Programme:

Innovative and Sustainable Farming

### National Contact Point:

DEFRA  
Innovative and Sustainable Farming Team  
Rm AREA 1B  
Nobel House  
17 Smith Square  
London  
SW1P 3JR



| contact person: | email:                       | telephone:       |
|-----------------|------------------------------|------------------|
| Dr. Pinder Gill | pinder.gill@defra.gsi.gov.uk | +44 2080263892   |
| Dr. Lucy Foster | lucy.foster@defra.gsi.gov.uk | +44 207 238 5932 |

### Eligibility criteria:

Applicants are advised to familiarise themselves with Defra's research activities and procurement requirements found at:

<https://www.gov.uk/government/organisations/department-for-environment-food-rural->

[affairs/about/research](#)

<https://www.gov.uk/government/organisations/department-for-environment-food-rural-affairs/about/procurement>

Defra has allocated £500K to ERA-SusAn spread over 4 years as follows:

|         |       |
|---------|-------|
| 2016/17 | £25K  |
| 2017/18 | £175K |
| 2018/19 | £175K |
| 2019/20 | £125K |

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

**National topic priorities:**

Defra's priorities can be found at:

<https://www.gov.uk/government/organisations/department-for-environment-food-rural-affairs>

Applicants should pay particular attention to Defra's

Sustainable Land and Soils and Sustainable and Competitive Farming Strategy: Joint Evidence Plan which can be found at:

[https://www.gov.uk/government/uploads/system/uploads/attachment\\_data/file/221058/pb139\\_28-evidenceplan-land-soils-farming-strategy.pdf](https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/221058/pb139_28-evidenceplan-land-soils-farming-strategy.pdf)

Defra seeks to fund research proposals which address all three Research Areas as presented in the Call, but considers research on improve the productivity, resilience and competitiveness of UK Animal Production as a high priority.

Research proposals should target productivity and competitiveness as primary objectives, with environment, animal health and welfare, food safety and other priorities given due consideration as secondary objectives within a systems approach based on multi- and interdisciplinary research expertise.

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