



CORE Organic Plus Call

Compiled applicant information sheets – for partnering search

Thematic research area 3

Livestock health management system including breeding



CORE Organic+ Call

Applicant information sheet

Will you attend the Brokerage Event on 18 December?

YES/NO

For which thematic research area do you want to apply?

Plant/soil interaction in organic crop production	x
Functional biodiversity to improve management of diseases, weeds and pests	x
Livestock health management systems, including breeding	x
Ensuring quality and safety of organic food along the processing chain	

Which research questions do you specifically want to address in your project? (max. 5 lines)

As a network for organic food and farming research and knowledge in Flanders, the FORK-network brings together researchers and practitioners. The network stimulates bottom-up driven research for OFF. The network consists of 3 subnetworks: [NOBL](#): Network for Organic Food and Farming Research, the overall network; [CCBT](#), Coordination Centre for applied research and extension on organic agriculture and BBN, 8 farmers' networks for specific organic farming sectors.

What are the strengths of your research institute? (max. 5 lines)

The researchers of the network have different expertise and are active in different research disciplines. The ILVO-social sciences unit coordinates the NOBL network and can help in finding the right partners in Flanders. As research unit, the unit gained, in the past few years, experience with participatory processes and research and the developing of research models that ensure a better valorisation of research results to farms. Learning processes where farmers are involved in innovative actions are one of the unit's key research lines.

Which relevant research projects is your institute running now? What other research projects has your institute carried out in the past? (max. 10 lines)

- The FORK-network works on improving information flow and knowledge between researchers and practitioners, deployment of existing scientific and practical knowledge, and stimulating research activities for the organic sector in Flanders. Where possible the FORK-network works more and more transnational in the dissemination of research results and knowledge exchange.
- FP7-project SOLID: ILVO-Social sciences unit is work package leader in WP6 Socio-economic evaluation of novel strategies in organic and low-input dairy farming. <http://www.solidairy.eu/>
- National funded project 'bio in beeld': the ILVO-Social Sciences unit will develop a system-oriented participatory methodology to formulate indicators tailored to organic farms that can support farmers in their decisions to greater sustainability and competitiveness. This project is running in collaboration with members of the FORK-network.

What kind of partners are you looking for (as regards field of competence, country....)?

The FORK network and/or ILVO-Social Sciences Unit can support research consortia in participatory research development, knowledge dissemination, ..

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Will you attend the Brokerage Event on 18 December?

YES/~~NO~~

For which thematic research area do you want to apply?

Plant/soil interaction in organic crop production	
Functional biodiversity to improve management of diseases, weeds and pests	
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A possibility to prevent mastitis is to select animals able to fight effectively the pathogens. Animals employ resistance and tolerance mechanisms to defend themselves and both mechanisms have different outcomes. So the goals are (1) to distinguish host mechanisms of resistance/tolerance on which breeding programs can be applied, and (2) evaluate the impacts on such programs on the epidemiology of the disease at the individual and herd levels.

What are the strengths of your research institute? (max. 5 lines)

The research unit is known for its expertise in quantitative genetic epidemiology, statistics and mathematical modelling and its knowledge of hosts (genetic; immunologic; physiologic) weapons against bovine intra-mammary pathogens. It belongs to a Veterinary Faculty with different capabilities (bacteriology, immunology, clinics, ...) and has access to various mathematical and informatics facilities and know-hows.

Which relevant research projects is your institute running now? What other research projects has your institute carried out in the past? (max. 10 lines). Osam , Eadgene, Eadgene_S, and bilateral collaboration with Canada.

The Udder Health Observatory in Wallonia (OSAM) is a think tank whose goals are to promote research and application in the field of bovine udder health. It includes the vast majority of Walloon organizations related to dairy production and milk quality, from the world of breeding, agronomy, agricultural techniques and veterinary health. The European networks Eadgene and Eadgene_S worked from 2004-2010 & 2010-2013 to find new solutions for animal diseases by combining breeding and genomics technologies with animal health. It coordinated the host-pathogen genomics research activities of 15 organisations from 10 European countries. In collaboration with the University of Calgary (Canada), another research consists in evaluating tolerance to mammary infections. Other projects attempt to evaluate productivity, resistance and tolerance of West African goats under village management conditions.

What kind of partners are you looking for (as regards field of competence, country....)?

Ideally, a partner (from any country) that could provide information on mammary infection (bacterial CFU, SCC and other immunological indicator, milk and other production trait) on a frequent (daily) basis and that could provide the animals' pedigree and characteristics (dates, age, DIM, parity, ...). This information is necessary to estimate accurately the host's level of resistance and tolerance.

Please provide your contact details:

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YES

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Which research questions do you specifically want to address in your project? (max. 5 lines)

- 1) To understand the global approach of health management / To mobilize the skills to understand the link between practices and health (thanks to epidemiological studies)
- 2) What is a herd in balance? How can sentinels animals be indicators of the health level of the herd?
- 3) What is the ability of animals to choose natural molecules, either essential oil, or dry extracts of plants, or plants in range areas? (self-medication and animal welfare)
- 4) What are views and representations of the health management and the strategies chosen by the professionals in the field, and what are the practices effectively used?
- 5) To develop programs about animal selection in order to meet the needs and specificities of organic livestock producers, by valuing selection criteria adapted to the context of organic breeding (rustic character, resistance to diseases, valorisation of roughage, and flexibility of production).

These last three questions should be studied in a consortium.

What are the strengths of your research institute? (max. 5 lines)

ITAB, the French research institute of organic farming, aims to connect research activities and stakeholders in order to develop organic agriculture.

- 3 main activities: networking, research and development, and dissemination (e.g. publications, conferences and workshops).
- 8 national working groups on: livestock, arable crops, horticulture, winegrowing and fruit crops, organic seeds and plant breeding, soil management, crop protection and animal health, quality (product and food chain).

ITAB is driving a working group about animal health in organic farming, with professionals of various occupations: researchers, farmers, veterinarians, herbal producers, pharmacists, agricultural advisers, trainers.

ITAB, it is also: 30 years of experience in organic research, a close connection with 7 organic experimental sites (GRAB, CREAB, PAIS, CIVAM Bio66, CEV, Archiny, Thorigné d'Anjou) and 2 regional research centers (IBB, Pôle bio), 50 full time equivalent staff, 600 free technical booklets on line (www.itab.asso.fr), 30 projects developed last 10 years...

Which relevant research projects is your institute running now? What other research projects has your institute carried out in the past? (max. 10 lines)

Synergy for animal health:

- Epidemiological studies on the link between animal practices and health in poultry farming.
- Sociological study of groups mixing veterinarians and breeders in cattle farming and analyse of the global health management resulting from these think-tanks.

Range area for poultry: self-medication of poultry in free-range systems

Many projects about animal feeding in organic farming (monogastrics and ruminants),

ECO-AB: European Consortium for Organic Animal Breeding

ICOPP: Improved Contribution of Organic local feed to support 100% organic feed supply to Pigs and Poultry

What kind of partners are you looking for (as regards field of competence, country....)?

Partners working on global animal health management or herbal use as a preventive measure

All kind of partners are welcome: research institutions, SMEs, organic farmers' networks...

Please provide your contact details:

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YES/NO

For which thematic research area do you want to apply?

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Which research questions do you specifically want to address in your project? (max. 5 lines)

Suitability of native breeds for organic dairy production.

What are the strengths of your research institute? (max. 5 lines)

We have a long experience in investigating the composition of organic as well as conventional meat and dairy products and we have a close collaboration with researchers from animal and plant science.

Which relevant research projects is your institute running now? What other research projects has your institute carried out in the past? (max. 10 lines)

Current: Optimal feeding strategies for dairy cows for climate, environment, animal welfare and economics; Milk genomics; Influence of the metagenome on milk composition; Properties of milk from native Danish breeds; Cheese-making properties of milk from Danish dairy breeds.

Past: Quality low input food (QLIF); Organic milk of high quality – development of production concepts based on grazing of the dairy cows and gentle treatment of the milk during handling and processing (ORMILKQUAL);

What kind of partners are you looking for (as regards field of competence, country....)?

Partners from countries with substantially different organic management practices, intensive as well as low input production.

Please provide your contact details:

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Which research questions do you specifically want to address in your project? (max. 5 lines)

Using insects as pre and probiotics in day – old chicks to improve health and welfare

What are the strengths of your research institute? (max. 5 lines)

We have a strong research background in zoonotic bacteria in food producing animals, where we cover all aspects from farm to fork, but with special emphasis on the poultry production.

Which relevant research projects is your institute running now? What other research projects has your institute carried out in the past? (max. 10 lines)

BIOCONVAL - Integrated larvae production for feed in organic egg production (ICROFS)

What kind of partners are you looking for (as regards field of competence, country....)?

Competences in poultry production

Please provide your contact details:

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Research Institute: National Food Institute, DTU
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Which research questions do you specifically want to address in your project? (max. 5 lines)

Weeds and Diseases control attending to crop rotation and agro-climatic conditions
 Vegetal breeding (potato and corn) and variety selections (cereal and oilseed rape) for abiotic and biotic diseases control.
 Biological indicators of soil health
 "Cradle to cradel" innovation in farm

What are the strengths of your research institute? (max. 5 lines)

NEIKER-Tecnalia, the Basque Institute for Agricultural Research and Development, is a nonprofit state-owned company assigned to the Basque Government, bases its activities on research and technology transfer in the agricultural sciences and foodstuffs field and focuses on adding value to the agrofood sector. A highly qualified specialization focused on 2 business units: • Agricultural innovation and Environment and natural resources. The organisation is divided into six scientific departments that focus their R+D activities on projects within: **The Department of Plant Production and Protection, Animal production, Animal Health, Ecosystems and Ecotechnologies**

Which relevant research projects is your institute running now? What other research projects has your institute carried out in the past? (max. 10 lines)

Projects, in relation with research questions expressed above

Selected within the LIFE + program of the European Comisión

SEEDCAPITAL. The comprehensive use of rapeseed can contribute to reducing greenhouse gases, to obtain healthier milk and reducing costs by introducing this crop rotation.

REGEN FARMING. Identify, demonstrate and transfer the benefits of regenerative farming practices to achieve a more effective and sustainable management of pastoral systems contributing to the improvement soil quality

SOILMONTANA. towards sustainability in agricultural practices. Biological indicators of soil health

Others:

LOCALVAR, MAIZRF, PAPAGEN, ... Breeding and selection of new varieties for organic management. Basque and Spanish Government grantts

VITSAN, ARDAGAIA, ESTAVISO,... Agro-meteorology techniques for diseases and pest control. Basque and Spanish Government grantts

What kind of partners are you looking for (as regards field of competence, country....)?

**European partners in
organic management in watered crops
Agrometeorology
Crop Sustainability indicators**

Please provide your contact details:

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Which research questions do you specifically want to address in your project? (max. 5)

Animal health is usually studied in relation to specific pathogens. This view has proved efficient but does not solve the management of disease in organic husbandry. First the farmers, in relation to their beliefs and wishes on animal husbandry play a major role in the management of diseases and sociological studies on how they react to diseases and how they try to correct problems is really important. Second many strategies had been proposed for reducing infection and pathologies in herds and flocks. A critical review is necessary to find rules for a sound implementation of these strategies. They may fail and then corrections are then applied. Third, these correction may be based on critical use of therapeutics (either conventional or organically accepted) in order to solve short term appearance of diseases. Four these corrections may be specified on the long term and result in selection programmes.

What are the strengths of your research institute? (max. 5 lines)

INRA is the largest research institute in agronomy and husbandry in Europe with 23 regional sites of investigation or experiments. INRA has several thousands investigators and technicians involved in agriculture and husbandry. We can associate sociology, anthropology, micro-economy, and epidemiology, infectiology, knowledge on plants, anthelmintics, and quantitative genetics or participative selection.

Which relevant research projects is your institute running now? What other research projects has your institute carried out in the past? (max. 10 lines)

The EU IMPRO, Nematode system health Marie Curie, bilateral projects (AMES in USA, McGill in Canada, PRAD with Morocco) or French national projects (ANR Dinrurabio, Pan) and local projects.

What kind of partners are you looking for (as regards field of competence, country....)?

We have already a strong consortium in France with 15 scientists involved in sociology, micro-economy, infectiology parasitology, quantitative and molecular genetics drug use and resistance of pathogen, feed and behavior. Colleagues from other countries in the others disciplines are welcome.

Please provide your contact details:

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Functional biodiversity to improve management of diseases, weeds and pests	
Livestock health management systems, including breeding	+
Ensuring quality and safety of organic food along the processing chain	

Which research questions do you specifically want to address in your project? (max. 5 lines)

1. The influence of lactic acid bacteria starters producing bacteriocin-like inhibitory substances on animal health and productivity. 2. Behavioural, productivity, health and management aspects of organic dairy cattle changing from tie stalls to free stalls. 3. Identification of technological factors, which have a strategic influence on the cleanness of eggshell. 4. Prevention and control of mycotoxins in the organic cattle, poultry production chain.

What are the strengths of your research institute? (max. 5 lines)

Farm animal welfare, behaviour, environmental research, strong relations with organic farming organizations, and access to different organic farms in Lithuania.

Which relevant research projects is your institute running now? What other research projects has your institute carried out in the past? (max. 10 lines)

Influence of environmental factors to physiological conditions and productivity of cattle and pigs. Investigation of environmental problems in poultry farms. Investigations of formation of chemical and bacterial contamination in cattle, pig and poultry farms of various sizes and with different animal housing and manure handling technologies. Investigations of animal (especially poultry and cattle) behaviour, health, housing technologies. Welfare monitoring, investigating criteria for evaluation of animal welfare. Comparative behaviour studies of different beef cattle breeds, rabbits, turkeys, and sheep. Behavioural indicators for selection of horses used for hippotherapy. Use of essential oils and plant extracts in organic farming.

What kind of partners are you looking for (as regards field of competence, country....)?

No country specific requests. Fields of research: animal welfare, behaviour, dairy cattle, poultry, mycotoxins related research.

Please provide your contact details:

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YES

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Plant/soil interaction in organic crop production	
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Livestock health management systems, including breeding	Yes
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Which research questions do you specifically want to address in your project? (max. 5 lines)

- Housing, nutrition, health, welfare, parasites in laying hens, dairy cattle and goats
- Robust genotypes for poultry farming
- Pasture management (including herbs) in dairy cattle related to animal health
- On-farm testing of 1) organic layer parent-animals and effects on offspring concerning robustness/ same for dairy cattle (prolonged suckling systems), 2) double purpose poultry genotypes, 3) different double purpose plantations in poultry free range areas, 4) fodder trees for ruminants
- on-farm growing of protein ingredients for poultry and pigs (i.e. legumes, algae and insects)

What are the strengths of your research institute? (max. 5 lines)

- Existing network with the agricultural sector (farmers) and experience with on-farm testing
- Long year experience with organic farming
- Looking at whole system instead of isolated details
- Experience with international projects
- Several disciplines such as animal husbandry, crop production, and human nutrition and health in one institute.

Which relevant research projects is your institute running now? What other research projects has your institute carried out in the past? (max. 10 lines)

- Poultry part in 7th Framework project Low Input Breeds
- Core Organic Healthy hens and Core Organic ICOPP (100% organic food for poultry and pigs)
- 7th Framework project AGFORWARD (agroforestry on livestock farms)

- Fodder trees for Goats (www.voederbomen.nl) and Trees for Chickens (www.bomenvoorbuitenkippen.nl)
- Biogeit- research on organic dairy goats related to health, production and cost effectiveness
- International project (Sweden, Norway, Canada, Netherlands) on “Developing robust and economically viable models for cow-calf suckling in organic dairy systems, fulfilling high standards for animal health, welfare and ethics”.
- COST action Capara

What kind of partners are you looking for (as regards field of competence, country....)?

- Partners with interest in same topics in order to study the above mentioned topics in different regions
- Institutes or universities with either experimental facilities or network for on-farm testing

Please provide your contact details:

First and last name: Nienke Holl
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Will you attend the Brokerage Event on 18 December?

YES/NO

For which thematic research area do you want to apply?

Plant/soil interaction in organic crop production	
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Livestock health management systems, including breeding	X
Ensuring quality and safety of organic food along the processing chain	

Which research questions do you specifically want to address in your project? (max. 5 lines)

We are specifically interested in organic beef production systems with grazing on semi-natural pastures in summers and fed locally feeds in winters. New breed combinations are now available thanks to the technique of sex-sorted semen, allowed in organic production. We want to study the performance of these robust cattle on pasture and local winter feeds as well as their tolerance of pasture-borne parasites. Thereby medications will be limited and grassland management improved.

What are the strengths of your research institute? (max. 5 lines)

We are a multidisciplinary group of researchers at the Swedish University of Agricultural Sciences with a common interest in organic cattle production. The competence of the group range between several subjects related to livestock production: eg. management, nutrition and parasitology. We run Götala research farm with beef cattle and sheep. We also have good links with the breeding company Viking Genetics and several commercial cattle farms where research can be undertaken.

Which relevant research projects is your institute running now? What other research projects has your institute carried out in the past? (max. 10 lines)

Involvement in recent/ongoing projects include:

- Innovative and sustainable strategies to mitigate the impact of global change on helminth infections in ruminants” (GLOWWORM), FP7-programme
- Coping with anthelmintic resistance (CARES), EMIDA Era-Net
- Novel solutions for the sustainable control of nematodes in ruminants” (PARASOL), FP6-programme
- Control of bovine dictyocaulosis in organic production, FORMAS
- Locally produced protein feeds for dairy cows and for dairy bull calves, SLF

- Beef production on semi-natural pastures as a combination of producing food and biodiversity, MISTRA
- Nitrogen utilisation and chewing behaviour of ruminants when fed different forages
- Vitamins and fatty acids in forage and vitamin status in ruminants fed organic diets
- Protein production and conservation from different legume-grass mixtures and protein and fibre quality from legumes

What kind of partners are you looking for (as regards field of competence, country....)?

Groups of researchers interested in the same topic.

Please provide your contact details:

Rearing and nutrition

First and last name: Birgitta Johansson

Research Institute: Swedish University of Agricultural Sciences

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Parasitology

First and last name: Johan Höglund

Research Institute: Swedish University of Agricultural Sciences

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NO

For which thematic research area do you want to apply?

Plant/soil interaction in organic crop production	<input checked="" type="checkbox"/>
Functional biodiversity to improve management of diseases, weeds and pests	<input type="checkbox"/>
Livestock health management systems, including breeding	<input checked="" type="checkbox"/>
Ensuring quality and safety of organic food along the processing chain	<input checked="" type="checkbox"/>

Which research questions do you specifically want to address in your project? (max. 5 lines)

We are interested in contributing to projects, with our expertise regarding energy in organic agriculture, as well as climate impacts and other environmental impacts of food production in a life cycle perspective.

What are the strengths of your research institute? (max. 5 lines)

Assessment of environmental impacts of agricultural production of food and biofuels in a life cycle perspective

Which relevant research projects is your institute running now? What other research projects has your institute carried out in the past? (max. 10 lines)

Organic agriculture without fossil fuels – life cycle assessment of different ways for self-supply with energy in organic farming

LCAs of biofuels

Climate impact of organic farming

More info at www.slu.se/energyandtechnology

What kind of partners are you looking for (as regards field of competence, country....)?

We have a wide interest in collaboration

Please provide your contact details:

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Which research questions do you specifically want to address in your project? (max. 5 lines)

Bridge the present gap between veterinary epidemiology and animal welfare science in risk-based surveillance in the food production animal sector. Modify current methods for animal health surveillance to fit with the specific needs of AW surveillance, develop a unified concept of risk-based animal welfare surveillance, and support the development of standards beyond legislation. Make more efficient use of registers and databases.

What are the strengths of your research institute? (max. 5 lines)

Excellence and extensive network in animal welfare research. Experience of coordination or participation in several research projects relating to animal welfare, health surveillance, veterinary epidemiology and risk assessment. National databases on animal health and official animal welfare control.

Which relevant research projects is your institute running now? What other research projects has your institute carried out in the past? (max. 10 lines)

Logistics of slaughter transports, 2000–2016
 Integration of animal welfare in the food quality chain: from public concern to improved welfare and transparent quality (Welfare Quality®), 2004–2009
 Animal welfare risk assessment guidelines on stunning and killing (WRAPSTUN), 2008–2009
 The European Animal Welfare Platform (EAWP), 2008–2011
 Risk-based animal welfare assessment (RAWA), 2008–2012
 Risk assessment of small-scale lamb slaughter in the Nordic countries, 2011–2013

Risk assessment of fish slaughter in Sweden, 2011–2013

EUWelNet, 2013

Project on research data collected through the official animal welfare control, 2014–2016

What kind of partners are you looking for (as regards field of competence, country....)?

Any researcher or innovative enterprise interested in developing knowledge along these lines. Expertise and skills in animal welfare, health surveillance, veterinary epidemiology and/or risk assessment are valuable. Any country.

Please provide your contact details:

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Which research questions do you specifically want to address in your project? (max. 5 lines)

Our own studies show that organic pig production is not so environmental friendly. There are high nitrogen losses, due to the fact that synthetic amino acids are not allowed and due to large dirty areas. Even phosphorus is not fully utilized, since enzymes like phytase (produced by GMO technology) are not allowed. If we want to feed 9 billion people with organic food we will have to be smart and use environmental friendly technologies. Or is organic pig meat only dedicated for the rich "upper class" in the world?

What are the strengths of your research institute? (max. 5 lines)

Research farm with organic pig production
Peer reviewed articles
Equipment for measuring environmental pollution

Which relevant research projects is your institute running now? What other research projects has your institute carried out in the past? (max. 10 lines)

Organic pig production with concrete outdoor area versus organic pig production with building and pasture.

Reduction of ammonia emissions by different sizes of rooting areas on the concrete outdoor area.

Comparison between peat, sawdust or concrete on the rooting area with regard to ammonia and nitrous oxide emissions.

What kind of partners are you looking for (as regards field of competence, country....)?

We want to be a partner (not coordinator) in a project.

We have facilities and equipment.

Type of projects:

- Techniques to treat protein crops on farm level for reducing ANF-factors, and the impact on pig performance.
- The effect of synthetic amino acids and artificial enzymes on the environmental impact of organic pig production.

Please provide your contact details:

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/NO

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Protein supply for monogastrics, particularly faba beans, and for pigs; but it is important to find out strategies for efficient allocation of possible feed resources to different productions and phases of production. A (distant) goal might be to optimize not only the diets, include the farm's cropping and crop rotation as well.

What are the strengths of your research institute? (max. 5 lines)

Long experience in animal nutrition. Modern animal research facilities, close to abattoir. Next year we will have new laboratories as well. Animal science and veterinary medicine in one faculty. Many students in both disciplines – many MSc theses to be performed.

Which relevant research projects is your institute running now? What other research projects has your institute carried out in the past? (max. 10 lines)

We're currently partner in ICOPP (improved contribution of local feed to supply 100% organic feed for pigs and poultry, a CoreOrganic2 project), our part is mussel meal for monogastrics and chicory forage for pigs.

We'll start a new project on usability of different cultivars of faba beans (grown in Sweden) for pigs.

In the past: Digestibility of alternative feed ingredients, production studies with soy-free diets for sows and finishers, roughage for pigs.

What kind of partners are you looking for (as regards field of competence, country....)?

Feed science including chemistry, particularly antinutritional substances

Animal science, particularly monogastric nutrition and production

Northern part of Europe (cropping)

Please provide your contact details:

First and last name: Maria Neil

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CORE Organic Plus Call

Applicant information sheet – for partnering search

Will you attend the Brokerage Event on 18 December?

YES

For which thematic research area do you want to apply?

Plant/soil interaction in organic crop production	Coordination by the Centre EPOK - all themes of interest
Functional biodiversity to improve management of diseases, weeds and pests	"
Livestock health management systems, including breeding	"
Ensuring quality and safety of organic food along the processing chain	"

Which research questions do you specifically want to address in your project? (max. 5 lines)

I represent EPOK – Centre for Organic Food and Farming at the Swedish University of Agricultural Sciences (SLU), working with organic research coordination. As director of EPOK I have an overview of researchers/research groups working within the this field in Sweden, as well as main research areas for activities within organic food systems.

What are the strengths of your research institute? (max. 5 lines)

EPOK has extensive networks among agricultural scientists and stakeholders within the agricultural sector. The staff of EPOK has communication skills and capacities.

Which relevant research projects is your institute running now? What other research projects has your institute carried out in the past? (max. 10 lines)

As part of research coordination and communication a number of projects are running on making knowledge synthesis together with research needs within different areas, examples; Conservation biological control in field vegetables and fruits; Organic food quality and health effects; Potential of recycling of nutrients in organic farming systems by using biogas digest.

What kind of partners are you looking for (as regards field of competence, country....)?

I am looking for partners of interest for Swedish research groups/partners interested of collaboration with Swedish researchers.

Please provide your contact details:

First and last name: Maria Wivstad

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Phone number: +46 70 677 14 09



CORE Organic+ Call

Applicant information sheet

Will you attend the Brokerage Event on 18 December?

YES/NO

For which thematic research area do you want to apply?

Plant/soil interaction in organic crop production	
Functional biodiversity to improve management of diseases, weeds and pests	
Livestock health management systems, including breeding	YES
Ensuring quality and safety of organic food along the processing chain	

Which research questions do you specifically want to address in your project? (max. 5 lines)

Animal health and morbidity in organic dairy farming
 Persistent organic pollutants - less abundant in organic animal production and do they affect immunity and reproduction?

What are the strengths of your research institute? (max. 5 lines)

Vast experience of population based studies, excellent registries of animal health and reproduction of Swedish dairy cows.

Veterinary epidemiology and veterinary science.

Dairy cows.

Biosecurity.

Which relevant research projects is your institute running now? What other research projects has your institute carried out in the past? (max. 10 lines)

“Animal Health and reproduction in organic and conventional dairy herds” 2005-2009 (Formas)

“Viral infections in organic dairy herds - risks, biosecurity and resiliency” 2011-2014 (Formas)

IMPRO - Impact matrix analysis and cost-benefit calculations to improve management practices regarding health status in organic dairy farming. (EU, FP7)

“Risk factors responsible for development of leg weakness in pigs housed in outdoor organic systems. Studies aimed at clarifying the pathogenesis behind the joint lesions, and find preventive tools.” (Formas)

What kind of partners are you looking for (as regards field of competence, country....)?

Open for suggestions!

Partners for multidisciplinary projects

Please provide your contact details:

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CORE Organic+ Call

Applicant information sheet

Will you attend the Brokerage Event on 18 December?

YES/~~NO~~

For which thematic research area do you want to apply?

Plant/soil interaction in organic crop production	
Functional biodiversity to improve management of diseases, weeds and pests	
Livestock health management systems, including breeding	X
Ensuring quality and safety of organic food along the processing chain	

Which research questions do you specifically want to address in your project? (max. 5 lines)

Livestock health management system including breeding in particular points 1. Improving animal health and welfare by means of farm organization, monitoring and control; 2. Identifying and characterizing robust genotypes suitable under organic and “low input” conditions; and 3. Improving feed quality and 4. Improving feed quality by better grassland management,.

What are the strengths of your research institute? (max. 5 lines)

We use a participatory research approach with a range of organic farms in the UK. We have developed novel agroforestry poultry systems and are testing agroforestry in other livestock systems. We have experience of farm-scale and semi-commercial scale feed trials for monogastrics. We have recently recruited a senior researcher with experience of diet selection and production efficiency of ruminants and the effects of maturity of whole-crop maize at harvest on performance.

Which relevant research projects is your institute running now? What other research projects has your institute carried out in the past? (max. 10 lines)

We are partners in the FP7 SOLID and COII ICOPP projects where we are investigating feed quality and other grassland performance issues. Our new senior livestock researcher, Dr Konstantinos (Kostas) Zaralis has investigated the interactive effects between genotype, nutrition and immune status on the consequences of gastrointestinal parasitism of sheep. Work has also addressed breed/genotypic differences in the mechanism responsible for the parasite-induced anorexia of sheep and the effects of protein supplementation on the ability of sheep to cope with nematode infections. He worked on the DEFRA project (IF0183) investigating the genotypic differences in nutrient efficiency of different breeds of farm livestock. His most recent work was on chewing

behaviour and diet selection in ruminants and the effects of maturity stage of whole-crop maize at harvest on feed intake, performance and carcass confirmation of finishing bulls and ram lambs.

What kind of partners are you looking for (as regards field of competence, country....)?

We have a consortium coming together but have not currently identified a co-ordinator.

Please provide your contact details:

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