



TP Organics ‘Organic Innovation Days’

Preparing for the next programme: Getting organic research & innovation ready for the new political mandate

Opportunities for organic research for sustainable food systems: CORE Organic Pleiades Network and the new European R&I Partnerships AGROECOLOGY and FutureFoodS

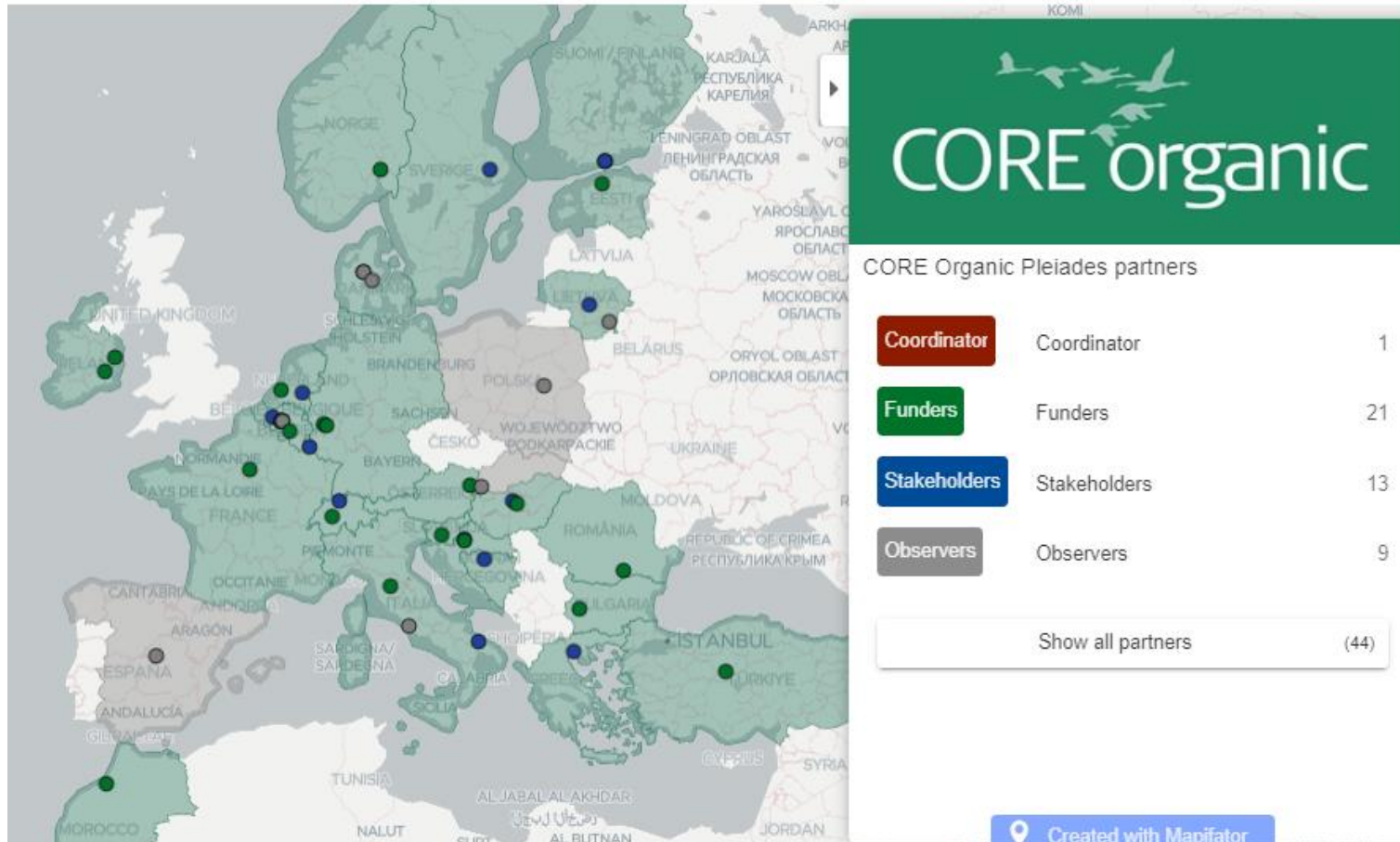
23 October 2024, Organic House, Brussels (BE)



Ivana Trkulja and Mine Lindemann
International Centre for Research in Organic
Food Systems (ICROFS)
CORE Organic Programme Secretariat
Aarhus University, Denmark



CORE Organic Pleiades Network Partners



The [CO Pleiades network](#) consists of **21 European ministries and research councils** funding research in organic food and farming on transnational level since 2004 and **13 stakeholder partners** representing the organic sector. The network is encompassing in total **44 partners from 28 European countries/ regions**.

Since its start in 2004, the network is coordinated by the **International Centre for Research in Organic Food Systems (ICROFS, DK)**.

CORE Organic started as an ERA-NET - Coordination of European Transnational Research in Organic Food and Farming Systems in 2004 and under the Horizon Europe we have **CORE Organic Pleiades network** as the 5th programme period.

CORE Organic I - 2004 - 2010 under FP6

CORE Organic II - 2010 - 2014 under FP7

CO Plus - 2013 - 2018 under FP7

➡ CO Cofund - 2016 - 31 May 2022 under H2020

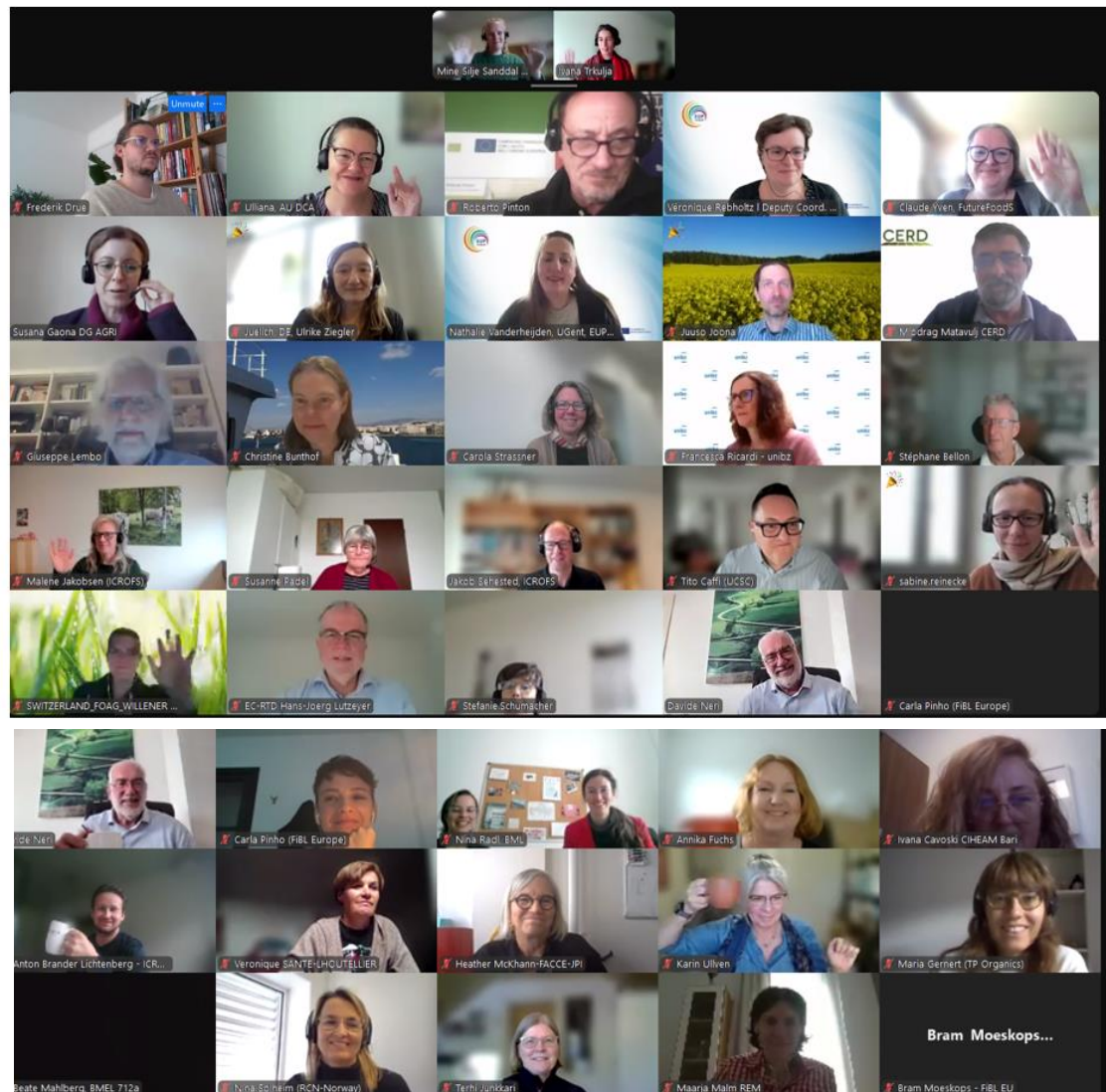
➡ CO Pleiades - 2022 - 2026 under HEU OrganicTargets4EU project

CORE Organic Pleiades – aims to ensure policy exchange in the relevant areas for organic food and farming research

- **European Green Deal (2019)** – specific targets of at least 25% of EU agricultural land to be farmed organically until 2030 and continuous growth of the sector;
- **EU Organic Action Plan (2021)** – coordination of national organic food R&I programmes via Horizon Europe mission in the area of soil health and food, and partnerships on agroecology and food systems;
- **HEU Partnerships AGROECOLOGY and FutureFoodS (2024)** - formally launched.



CORE Organic 20th Anniversary



Session 1: Panel Discussion

Two decades of CORE Organic support for organic food and farming research:
Looking back and looking forwards

Panellists



Astrid Willener
(FOAG, CH)



Juuso Jooa
(Tyynelantila Farm, FI)



Hans-Jörg Lutzeyer
(EC, DG RTD)



Susana Gaona Saez
(EC, DG AGRI)

Discussant



Nicolas Lampkin
(Thünen Institute, DE)

Session 2: Funding from HEU Partnerships

Pitches from:

Partnership on Agroecology (Jülich)

Partnership on FutureFoodS (ANR)

Partnership on Animal Health and Welfare (UGent)



2016-2022 CORE Organic First Call

26 partners, 19 countries/regions,
1 call (2016), approx. 14.2M €, 12
projects

Focusing on four research topics:

1. Ecological support in specialized and intensive plant production systems
2. Eco-efficient production and use of animal feed at the local level
3. Appropriate and robust livestock systems: cattle, pigs, poultry
4. Organic food processing concepts and technologies for ensuring food quality, sustainability and consumer confidence

FINALISED

2019 SUSFOOD2 and CORE Organic Cofunds Joint Call

21 partners, 18 countries/regions,
approx. 9.5M €, 12 projects

Call 'Towards sustainable and organic food systems' launched in 2019, focusing on four research topics:

1. Resource-efficient, circular and zero-waste food systems
2. Diversity in food from field to plate
3. Mild food processing
4. Sustainable and smart packaging

FINAL REPORTING

2021 CORE Organic Third Call

13 partners, 13 countries,
Approx. 5M €, 5 projects

Call 'Organic farming systems for improved mixed plant and animal production, organised following three sub-topics:

1. Robust and resilient mixed animal farming systems
2. Support for robust and resilient crop production systems
3. Eco-efficient production and use of animal feed at local level

ONGOING

Portfolio of projects across Danish OrgRDD calls OrgRDD3, OrgRDD4 and European CORE Organic 2016 call →

- KALVvedKO and GrazyDaiSy projects (Mette Vaarst, AU, DK)
- DoubleCrop, ClimateVeg, and SureVeg projects (Hanne Lakkenborg Kristensen, AU, DK)

Joint scientific portfolio based on:

- Upscaling research from national to international level
- Extending research project time-frame beyond 3 years
- Accessing funding from both national and European programmes
- Participating in national and European research seminars ensuring scientific complementarity and a wider research results dissemination
- Since 2004: CORE Organic has launched 8 transnational calls with 62 research projects in organic food and farming selected for 61.9M EUR



Strip-cropping and recycling for biodiverse and resource-efficient intensive vegetable production



Project leader
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Introduction

Organic animal rearing focuses on allowing animals to meet natural requirements, and considering a systems approach. There are still many knowledge gaps and needs – like separating cows and calves, but after birth – where common practice do not match the organic principles fully. The project covers most European climate zones, from the coldest North to the hottest South.

Background

Specialized dairy production even on organic farms relies on imported concentrate feed and the possibility to use of antibiotics and antiparasitics. Most calves are removed from their dam within the first 24 hrs, after birth. All this happens despite emphasis on naturalness and selling animals meet their natural needs and become robust and resilient.

Main project activities

- Identifying and improving robust organic grazing strategies under different European conditions.
- Researching on farm level, together with farmers, advisors and stakeholders.
- Developing resilient animals and sustainable management systems to decrease medicine usage.
- Testing of existing animal housing in a farming system context and taking a holistic system approach.
- Exchanging know-ledge and learning between European regions and countries.
- Investigating the motivation and perceptions of farmers and their advisors.
- Developing new ideas on cow and calf care, good needs of the milk feeding period together, and devalued profit alternatives.

Read project leaflet

Final project summary and findings

One of publications from GrazyDaiSy in Organic Exports

Coordinator of GrazyDaiSy

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Epidemiology and management
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Implementation and plans to reach target groups

- Each participating partner makes their networks of farmers, organizations, advisors, colleagues and students.
- Our dissemination products are visible directly from idea-logs to reports, online presentations and a PhD-thesis. All the before mentioned groups are targeted through multiple relevant material.
- All results are available to all in English, and free to translate and use in national, local and regional contexts.
- All countries conduct individual meetings and the on-farm research approach helps ensuring that all processes and results are seamlessly created and followed.

KALVvedKO



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» Research themes

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- › The future organic consumer
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- › Mixed farming, food systems and landscapes
- › Human health
- › Crop production
- › Nature and biodiversity
- › Pigs
- › Chicken
- › Cattle

› Organic action plans

» Funding calls

» News and events

» Participation in projects

» Previous CORE Organic

› Network Governance

CORE Organic research themes

Since 2004, the CORE Organic network has funded a variety of research projects within different themes. On the pages below you can explore the different CORE Organic Research themes, which includes circular bioeconomy, consumers, fruit and vegetables, pigs, human health, cattle, chicken, mixed farming, food systems and landscapes, nature and biodiversity and plant breeding.



PILLAR II - Global challenges & European industrial competitiveness

PILLAR III - Innovative Europe

Cluster 1: Health	Cluster 4: Digital, industry and space	Cluster 5: Climate, energy and mobility	Cluster 6: Food, bioeconomy, natural resources, agriculture and environment	EIT: The European Institute of Innovation and Technology	European innovation ecosystems
Innovative Health Initiative	Key Digital Technologies	Clean Hydrogen	Circular Bio-based Europe	EIT InnoEnergy	Innovative SMEs
Global Health EDCTP3	Smart Networks and Services	Clean Aviation	Biodiversa+	Climate-KIC	
Transformation of Health Care Systems	High Performance Computing	Single European Sky ATM Research 3	Blue Economy	EIT Digital	
Risk Assessment of Chemicals	European Metrology (Art. 185)	Europe's Rail	Water4All	EIT Food	
ERA for Health	AI-Data-Robotics	Connected, Cooperative and Automated Mobility	Animal Health and Welfare	EIT Health	
Rare Diseases	Photonics	Batteries	Accelerating Farming Systems Transitions	EIT Raw materials	
One-Health Antimicrobial Resistance	Made in Europe	Zero-emission Waterborne Transport	Agriculture of data	EIT Manufacturing	
Personalised Medicine	Clean Steel – Low-Carbon Steelmaking	Zero-emission Road Transport	Safe and Sustainable Food Systems	EIT Urban Mobility	
Pandemic Preparedness	Processes4Planet	Built4People		Cultural and Creative Sectors and Industries	
	Globally Competitive Space Systems	Clean Energy Transition			
		Driving Urban Transitions			
				CROSS-PILLARS II and III	
				European Open Science Cloud	

- Institutionalised partnerships (Art 185/7, EIT KICs)
- Co-programmed
- Co-funded
- Not covered in the BMR 2022 due to a later start date

Cluster 6:
Food, bioeconomy, natural resources, agriculture and environment

Circular Bio-based Europe

Biodiversa+

Blue Economy

Water4All

Animal Health and Welfare

Accelerating Farming Systems Transitions

Agriculture of data

Safe and Sustainable Food Systems



PARTNERSHIPS	PRIORITY AREA	CALLS	Links
AGROECOLOGY (2024-2031)	Accelerating farming systems transition: Agroecology living labs and research infrastructures.	<p>1st Call: "Fostering agroecology at farm and landscape levels" that address a transition to AE in the context of both conventional and organic farming systems.</p> <p><u>Budget</u>: 31.5 M€ (joint 1.5M€ DK, from joint budget for organic specifically 0.5M€)</p> <p>The <u>deadline for full proposal submission</u> was September 19, 2024, 14:00h CEST.</p>	<p>Call information National rules information SRIA information 2nd call in preparation.</p>
FutureFoodS (2024-2031)	Sustainable Food Systems Partnership for People, Planet and Climate Topic 1: The way towards sustainable and resilient food systems; Topic 2: New foods – Fostering innovations in food design, processing and supply via demand and supply reorientation; Topic 3: Empowering sustainable food choices – Enabling food environments and dietary shifts	<p>1st Call: expected in early November 2024. <u>Budget</u>: N/A</p> <p>The <u>deadline for pre-proposals is expected early January 2025</u>.</p> <p>The <u>deadline for full proposal</u> is expected in early July 2025 (only by invitation).</p>	<p>SRIA information 1st Call pre-announcement</p>
European Partnership Animal Health and Welfare (EUP AH&W) (in preparation)	(i) Surveillance / monitoring systems and risk assessment of animal health and welfare. (ii) Procedures, methodologies and tools to assess animal health and welfare. (iii) Management and husbandry guidelines on farm and including aquaculture, during transport and at slaughter. (iv) Vaccines and	<p>1st Call: "Supporting the Future of Animal Health an Welfare"</p> <p><u>Budget</u>: 24.6 M€</p> <p>The <u>deadline for pre-proposals was</u> 8 July, 2024, 15:00h CEST.</p> <p>The <u>deadline for full proposal submission</u> is 4 February, 2025, 14:00h CEST.</p>	<p>SRIA information 1st Call information</p>

PARTNERSHIPS	PRIORITY AREA	CALLS	Links
European Partnership ‘Agriculture of Data’ (in preparation)	European Partnership “Agriculture of Data” - Unlocking the potential of data for sustainable agriculture	N/A	SRIA information
biodiversa+	European Biodiversity Partnership	4 th Call Spring/Summer 2024-2025 (TBC) The joint call for research will be on the topic of ‘ Societal Transformation ’. <u>September 2024</u> : Launch of the BiodivTransform call <u>November 2024</u> : Deadline for the submission of pre-proposals.	Call information SRIA information
Water4All Partnership	Water Security for the Planet	3rd Joint Transnational Call on “ Water and circular economy ” opened in <u>September 2024</u> ; 4th Joint Transnational Call on “ Water and Health ” to be opened in <u>September 2025</u> .	Call information SRIA information
Sustainable Blue Economy Partnership	The Partnership takes into the consideration the R&I agendas of the sea basins (Mediterranean, Black Sea, Baltic and North Sea) and the Atlantic Ocean.	2 nd joint transnational call entitled “ Unified Paths to a Climate-Neutral, Sustainable, and Resilient Blue Economy: Engaging Civil Society, Academia, Policy, and Industry ”. The <u>deadline for pre-proposals</u> is April 10,2024.	Partnership information
Green ERA Hub initiative	Coordination of national research programmes on Agri-Food and Biotechnology	2 nd Call “ Crop and livestock farming meeting the challenges of climate change ”. Scope covers both organic and conventional farming approaches. The deadlines: pre-registration: 31 July 2024, full proposal was 5 September 2024.	Call information 3rd call in preparation.



Thank you for your kind attention!



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