



ICT-AGRI-FOOD Newsletter – December 2024 Edition



Merry Christmas

Dear ICT-AGRI-FOOD Community,

As the year comes to a close, we are pleased to share our last newsletter for 2024. We greatly appreciate your support, participation, and the valuable discussions throughout the years.

We're excited to share some key moments from 2024! This year, we launched the **2024 Joint Call**, resulting in funding seven groundbreaking projects that will use digital and AI-powered solutions to tackle major challenges and boost sustainability in the agri-food sector. The **funded project seminar in Warsaw**, where partners came together to exchange ideas and align on future plans, and the **AI-Powered Solutions Workshop** in Nairobi, Kenya, which featured inspiring case studies from Europe and Africa on using AI for pest and disease management. Another milestone is the approval of the **Agriculture of Data Partnership**, securing the continuation of ICT-AGRI-FOOD's work and paving the way for new innovations.

Looking ahead, we're thrilled to announce the **ICT-AGRI-FOOD Project Summit 2025** in Dublin—a chance to showcase project results, connect with experts, and shape the future of digital innovation in agriculture.

On behalf of the project coordinating team, we wish you a Merry Christmas in advance and joyful holiday season filled with warmth, love, and cherished moments. May the New Year inspire continued collaboration and progress in advancing sustainable agricultural systems!

Enjoy reading, and let us keep sowing the seeds of innovation and progress in 2025!

Yours sincerely,
Johannes Pfeifer

Upcoming Events

Looking Ahead: ICT-AGRI-FOOD Project Summit 2025



We are excited to announce the upcoming ICT-AGRI-FOOD Project Summit taking place on 4th-5th February 2025 in Dublin. This two-day event is dedicated to advancing digital innovation in agriculture and food systems. The summit will bring together participants from the **2019, 2021, 2022, and 2024 Joint Calls**, to showcase cutting-edge advancements and foster collaboration across the agri-food sector. This unique platform will connect researchers, innovators, and experts, all working to transform the agri-food value chain through digital and AI-powered solutions.

What's in Store?

- **Interactive Roundtable Discussions:** Participants will introduce themselves and their projects, share progress updates, discuss challenges, and exchange ideas in a dynamic and collaborative environment.
- **Collaboration and Learning:** The summit is designed to identify key learning objectives and inspire innovative approaches for future success.

ICT-AGRI-FOOD Funded Projects

ICT-AGRI-FOOD 2024 Joint Call Projects



In November, following an evaluation process, **seven** innovative projects were selected from 24 proposals under the 2024 Joint Call. These projects aim to tackle some of the most pressing global challenges in agricultural and food systems, with a particular focus on climate change, biodiversity loss, and food security.

The selected projects emphasize:

- Leveraging artificial intelligence (AI) to enhance sustainability in agriculture.
- Promoting post-industrial agriculture through digital technologies and regenerative practices.
- Enabling smart decision-making systems to help farmers optimize resources for better outcomes.
- Encouraging open-ended research to foster groundbreaking solutions for the agri-food sector.

These projects highlight the vital role of digital tools, policymaker engagement, and innovation in transforming our agri-food systems.

You can read more about the projects here: [2024 Joint Call | ICT-AGRI-FOOD Meta Knowledge Base](#)

Innovation Spotlight: Knowledge Incubator Platform



The Knowledge Incubator Platform continues to serve as a hub for sharing innovative ideas in the agri-tech field. It provides a space for researchers and developers to showcase cutting-edge tools, projects, and technologies that are shaping the future of agriculture. The platform also hosts a forum for engaging discussions, helping to foster collaborations across sectors.

Explore the wide range of innovations and projects transforming agriculture sustainably on the platform.

Explore the Knowledge Incubator Platform: [list of innovations and technology | ICT-AGRI-FOOD Meta Knowledge Base](#)

Partners Upcoming Events

ESA Webinar: Commercial Applications of Space-Enabled Robotics in Agriculture





Join the ESA webinar on "Commercial Applications of Space-Enabled Robotics in Agriculture" on 10th December. This event will explore the innovative potential of combining satellite technologies and robotics for the agricultural sector. The new call for Feasibility Studies and Demonstration Projects will be introduced, providing opportunities for groundbreaking work in agri-tech.

Learn more about the webinar: [ESA webinar: Commercial Applications of Space-Enabled Robotics: Agriculture | ICT-AGRI-FOOD Meta Knowledge Base](#)

Call for Abstracts: 9th International Greenhouse Gas and Animal Agriculture Conference



9th GGAA
2025 · Nairobi, Kenya
5 - 9 October

International Greenhouse
Gas & Animal Agriculture
Conference

We are excited to announce the 9th International Greenhouse Gas and Animal Agriculture Conference (GGAA2025), taking place in Nairobi from 5th–9th October 2025. The conference will feature cutting-edge research on greenhouse gas emissions in animal and soil systems, with sessions on mitigation strategies, measurement methods, and on-farm practices to address greenhouse gas challenges. The call for abstract submissions is now open! GGAA2025 invites researchers and scientists from academia, industry, and government to submit an abstract for consideration as an oral or poster presentation on topics related to greenhouse gas emissions in animal and soil systems. The deadline is 12 January 2025, and one of the sessions will focus on the 2021 Joint Call theme, Circular Economy: Nutrient Cycling and Greenhouse Gas Emissions. Do not miss your chance to contribute to this important conversation.

Abstract Deadline Submission: 12th January, 2025

Abstract Submission: [Abstract Submission - 9th GGAA Conference 2025](#)

Read more : [9th International Greenhouse Gas and Animal Agriculture Conference | ICT-AGRI-FOOD Meta Knowledge Base](#)

Funding Opportunities

Agroecology 2nd Co-Funded Call is Open

The Agroecology Partnership has launched its 2nd Co-Funded Call, focusing on integrating environmental, economic, and social perspectives in assessing agroecology's performance. This call covers two key topics: assessing benefits, impacts, and trade-offs to identify best practices; and

transforming value chains, business models, and policies to support the transition to agroecology. Proposals must adopt a collaborative approach through Living Labs and aim to deliver practical innovations for farmers while strengthening science-policy interfaces.

Key deadlines include:

- Webinar for Applicants: 13 December 2024, 09:00–12:00 CET
- Pre-Proposal Deadline: 17 February 2025, 2:00 PM CET
- Full Proposal Deadline: 9 July 2025, 2:00 PM CET



Learn more: [The 2nd co-funded call is NOW OPEN! — Agroecology Partnership](#)

First Joint Transnational Co-Funded Call of the FutureFoodS Partnership is Now Open!

We are happy to announce the launch of the *FutureFoodS Partnership's* first transnational co-funded call: "*Transforming Food Systems - reshaping food system interactions, fostering food innovations and empowering sustainable food choices.*"

This call brings together 36 funding organizations from 19 countries and the European Commission, jointly committing up to 40 million Euros to support innovative research and development projects focused on creating a sustainable food future.

The call offers funding for innovative projects that contribute to one of the following topics:

- 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



Read more: [First Joint Transnational Co-Funded Call — FutureFoodS](#)

Call for Experts: Join the International Expert Panel for FutureFoodS

The FutureFoodS partnership is inviting qualified experts to join its International Expert Panel (IEP) to support the evaluation of proposals for upcoming funding calls. This is a unique opportunity to contribute to advancing research and innovation for a sustainable food future.



Read more: [Call for Experts: Join the International Expert Panel for FutureFoodS — FutureFoodS](#)

Partner-Led Innovations

Advancing Sustainable Agriculture with CircAgric-GHG



CircAgric-GHG showcases innovative approaches to circularity and sustainability in agriculture. Highlights include doubling grass production through high-intensity grazing in South Africa, climate-smart practices in Kenyan dairy farms to boost productivity while cutting emissions, and using drones to measure methane emissions in diverse climates. European studies reveal significant potential to lower carbon footprints in dairy and sheep farming, while Italian researchers explore sustainable pasture management. Innovative feeding strategies, such as using bakery by-products for dairy cows, also show promise in reducing environmental impact. Explore these advancements driving sustainable agri-food systems.

Read more: <https://www.ictagrifood.eu/sites/default/files/CircAgric%20Innovation.pdf>

Past Events

GBS2024: ICT-AGRI-FOOD Workshop about "AI-powered Solutions for Pest and Disease Management in Primary Bioeconomy Production"

Experts, innovators, and researchers gathered in Nairobi for a dynamic workshop exploring the potential of Artificial Intelligence (AI) in tackling pests and diseases—a major challenge for global bioeconomy production.

Through insightful case studies from Europe and Africa, participants discovered how AI-driven solutions

are being used to reduce pesticide reliance, protect biodiversity, and minimize crop losses. The interactive format encouraged collaboration, as attendees worked together in hands-on group challenges to design innovative, AI-powered strategies for pest and disease management. This workshop, organized by the International Bioeconomy Forum, ICT-AGRI-FOOD ERA-NET, Teagasc, and ILVO, highlighted the transformative potential of AI in driving sustainable agricultural practices worldwide.



This newsletter will be sent regularly (at least twice per year). It is sent automatically to everyone who has registered for the newsletter under <http://www.ict-agri.eu/> or on www.ictagrifood.eu.

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