



European project on assuring food security and biodiversity in times of climate change

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1. Forthcoming Eco-Ready AI-Conference in Wageningen: From Data to Practice



Eco-Ready partner Wageningen Research is organizing a 2-day Eco-Ready conference *From Data to Practice - AI-Powered Solutions for Adaptive Agriculture*, October 15-16, 2025 in Wageningen, The Netherlands. The conference aims at discussing the integration of Artificial Intelligence into

solutions for agriculture. The first day will feature keynote speakers (provided to online participants as well) and project pitches, followed by an action planning workshop and a conference dinner. The second day is dedicated to three specific workshops, primarily for the Eco-Ready Living Labs, but also open to all partners. For information about program use the link below. Registration can be accessed [here](#).

On October 17 a field visit to the [NexGen HighTech facilities](#) in Randwijk is planned for interested participants and especially the ECO-Ready Living Labs, with a focus on autonomous tractors and apple-picking robots.

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[More on program \(PDF\)](#)

2. Pre-announcement: ECO-Ready conference in Brussels 2026 (save the date)

As part of its concluding dissemination activities, Eco-Ready will organize three conferences addressing stakeholders with potential interest in Eco-Ready results, the features of the observatory, and the continuing services provided by the observatory to stakeholders in policy, industry, agriculture, and consumption beyond project end. The conferences are scheduled for *Brussels, the United Kingdom and Germany*.

The conference in Brussels is organized by Eco-Ready partner IUCN on behalf of WP 5 and 6 and scheduled for January 28-29, 2026, the conferences in the United Kingdom and Germany sometimes in late spring 2026.



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[Conference contact \(IUCN\)](#)

3. First draft of Eco-Ready Observatory accessible



The Eco-Ready project develops as one of its major outputs an *observatory* as a real-time surveillance system. It will function as the necessary singular source of information, provide real-time assessments for the food system, and update forecasts frequently and consistently.

The *Observatory* will be available to society, policymakers, the scientific community, and the agri-food industry, and integrated with a network of 10 Living Labs, covering all bioclimatic regions in Europe, forming the

Eco-Ready project knowledge infrastructure.



The draft dashboard of the *Observatory* can now be accessed through the [Eco-Ready website](#) or directly through the link provided below.

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[Access to dashboard](#)

4. Report: *Exploring Sustainability Pathways for Eco-Ready Living Labs*



On June 16, 2025, Eco-Ready partner White Research hosted the 1st Exploitation Pathways Workshop of the Eco-Ready project, bringing together the Eco-Ready Living Labs across Europe to kick-start their long-term sustainability strategies. This workshop marked the first step in transforming our Living Labs from regional pilots into integrated, lasting knowledge hubs supporting climate-resilient, community-driven food systems.

Together with the project partners, the Living Labs and a guest speaker from the *ReForest LL* of the North of England, the workshop explored the Business Model canvas tool, and the complex challenges of sustainability, addressing funding gaps, governance, and long-term impact, highlighting the importance of adaptive stakeholder ecosystems and cross-Lab learning.

Using interactive tools, participants reflected on challenges and future visions, sharing diverse approaches, from water conservation to community-driven innovation. White Research helped guide thematic discussions on value propositions, stakeholder groups, and funding models, supporting the co-development of tailored sustainability roadmaps.

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[More on the workshop \(PDF\)](#)

5. Report on workshop *Building Policy Recommendations*

(PDF) On 30 July, Eco-Ready partner IUCN in cooperation with other Eco-Ready partners held an online policy workshop on *Building Policy Recommendations with Field Practitioners* with the project's Living Labs. Building on the previous policy work on the agriculture, biodiversity and Climate Change nexus, participants explored the latest European policy developments, from the announcement of the next EU budget to the proposal for the post-2027 Common Agriculture Policy.

Participants engaged in an interactive discussion about how their work and scenarios could contribute to the implementation of these policies or help shape the next ones.



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[More on IUCN events](#)

6. IUCN World Conservation Congress in October 09-15, 2025



Eco-Ready partner IUCN is part of the forthcoming [IUCN World Conservation Congress](#), organized October 09-15, 2025 in Abu Dhabi. It is where the world comes together to set priorities and drive conservation and sustainable development action.

*IUCN will feature Eco-Ready in **2 online sessions** at the Congress. More information and **registration links** for the congress and/or the online sessions below.*

The Congress is the largest marketplace for conservation and sustainable development science, practice and policy. Scientists, policy experts, business leaders and professionals from around the globe share their experience, innovation and latest research. IUCN's member organisations vote on major issues to help guide humanity's relationship with the planet. IUCN's unique convening power of state and non-state actors together gives the Congress a powerful mandate to set the nature conservation agenda for decades to come.



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[More on workshops \(PDF\)](#)

7. Eco-Ready LLs in *European Network of Agroecology*

The *European Network of Agroecology Living Labs and Research Infrastructure* aims to structure and support a network of living labs and research infrastructures accelerating the transition towards agroecology throughout Europe.

It will provide spaces for long-term, site-specific, multi-stakeholder and real-life experimentation, and deliver ready-to adopt practices that support farmers in understanding and implementing agroecological practices at the scale needed for positive economic, environmental and social impacts.



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[More on network](#)

8. Eco-Ready partner White Research invites to join the VISION4FOOD NoI



The VISION4FOOD NoI (Network of Interest) is a diverse, international community that fosters multi-stakeholder collaboration, knowledge exchange, and dialogue within innovation ecosystems and sustainable food systems. It is linked to the [VISION4FOOD Horizon Europe project](#) which aims at enhancing the sustainability and resilience of European food systems by developing innovative governance models that support informed decision-making and encourage social engagement. It is operating across five diverse regions—Finland, Spain, Italy, Greece, and Poland.

Eco-Ready partners may find value in joining and contributing to the NoI community. The registration form is available [\[here\]](#), and further details about the scope and objectives of the NoI can be found [\[here\]](#).

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[Eco-Ready contact](#)

9. European Food Safety (CHEFS) database

In the European Union, official food safety monitoring data collected by member states are submitted to the European Food Safety Authority (EFSA) and published on Zenodo. This data includes 392 million analytical results derived from over 15.2 million samples covering more than 4,000 different types of food products, offering great opportunities for artificial intelligence to analyze trends, predict hazards, and support early warning systems.



The CompreHensive European Food Safety (CHEFS) database consolidates EFSA monitoring data on pesticide residues, veterinary medicinal product residues, and chemical contaminants into a unified and structured dataset. The website developed by a group of scientists including a group from Eco-Ready partner Wageningen Research and accessible through the link below describes the creation and structure of the CHEFS database and demonstrates its potential by analyzing trends in European food safety monitoring data from 2000 to 2024.

This highlights the CHEFS database as both a centralized data source and a strategic tool for guiding food safety policy, research, and regulation. [Contact for more information.](#)

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[Access to database](#)

10. Monitoring of drought situation in Masuria



In the beginning of July, in Warsaw, the Vistula, the biggest river of Poland, reached a historically low level - just 15 cm of water! There was a lack of rain across the country and as many as 68 hydrological [drought warnings](#) were announced. The result? Extremely dry soil - in places the moisture content of the top layer dropped below 20% , which meant a serious water deficit for plants.

And how is the current situation in Masuria, the picturesque region in north-east Poland? Thanks to the network of agro-meteorological stations installed in the Eco-Ready Living Lab, EcoReadyMasuria, we monitor soil moisture in real time. The network of weather stations was set up by the Research and Innovation Centre Pro-Akademia in cooperation with the Masurian Biodiversity and Education Center KUMAK.



EcoReadyMasuria has real-time data for you about temperature, wind, solar irradiation and soil moisture at different points in Masuria! Our sensors in the fields (including near Elk, Goldap, and Olecko) show the current moisture levels in the soil.

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[More on monitoring \(PDF\)](#)

11. Database sources on food security and biodiversity

The Eco-Ready tool on the selection of a suitable forecasting model from a set of about 40 model alternatives for forecasting food security and biodiversity situations and characterized by about 40 criteria reaching from 'complexity' to 'time frame' involves database links to about 135 data sources with food security issues and about 120 data sources with biodiversity issues which are updated regularly. For information about additional database sources contact [proQ](#).



A draft version of the tool is accessible on the Eco-Ready website.

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[Link to tool](#)

12. Activating project synergies between Eco-Ready and related projects



The broad view of Eco-Ready on food security and biodiversity in times of change especially related to climate change develops many links with projects of related interest but with different focus. Project partner White Research is advancing the links with the projects VISION4FOOD and Landshift.

VISION4FOOD works across five European regions to build *Food Innovation Platforms (FIPs)*, dynamic hubs where researchers, businesses, policymakers, and citizens co-create solutions tailored to regional needs.

LandShift aims to support climate neutrality in the land-use sector by 2035 through innovative, evidence-based strategies that promote balanced trade-offs in land use among climate change mitigation and adaptation, food and biomass production, and biodiversity protection. In partnership with ECO-READY, the project will connect *Living Labs* and *Living Spaces*, enable data sharing, multiply impacts, and coordinate dissemination activities.



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[More on synergies \(PDF\)](#)

13. Call for papers International European Forum (EAAE seminar)



The 20th anniversary of the *Intern. European Forum on Food System Dynamics and Innovation in Food Networks* will be organized by Eco-Ready partner proQuantis as 192nd European seminar of the European Association of Agricultural Economists (EAAE), February 09-13, 2026 in Germany.



It is the objective of the Forum to provide an interdisciplinary and creative discussion environment that generates new ideas for innovative and multidisciplinary research. Abstract submission and pre-registration of participants without presentation interest is through an informal e-mail to fooddynamics@uni-bonn.de by October 10, 2025.



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[More on the Forum](#)

14. Report: European EAAE conference 2025

The European Association of Agricultural Economists (EAAE) celebrated its 50th anniversary with its 18th European conference with more than 1100 participants in Bonn, Germany. The conference took place August 26-29, 2025 and focused on *Food System Transformation in Challenging Times* featuring plenary sessions, paper sessions, and discussion sessions.



Eco-Ready partner *proQuantis* organized a session on *Artificial Intelligence* and presented Eco-Ready developments in contingency planning and model selection for forecasting problems. The session found high interest and discussions involved participants not just from Europe but also from Asia and Northern America. One of the arguments stated that with AI developments research might increasingly move from universities and research institutions to companies who own the necessary data (in Eco-Ready environments represented by e.g. the Living Labs) and could build on the analysis capabilities of emerging AI tools. [More information on the session \(PDF\)](#).

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[Conference program](#)

15. Report on workshop by LOFS Living Lab: *Vegetable Garden Open House*



On September 4th, 2025, Eco-Ready Living Lab LOFS from France brought together growers, researchers, seed companies, and advisors for the first-ever *Vegetable Garden Open House* in Velké Hostěradky, Anjou.

From managing water stress in cauliflower to assessing microflora's role in soil resilience, the event showcased the vital connections between research, policy, and practice.

The day featured among other:

- ➔ Open-air varietal trials hosted by five leading seed companies,
- ➔ Field diagnostics for soil health and crop resilience,
- ➔ Live equipment demos and seed cleaning processes,
- ➔ Research results from the CLIMATVEG project
- ➔ Presentation on climate adaptation in market gardening by Maëlle Depriester of the Chamber of Agriculture, Pays de la Loire



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[More on LL LOFS](#)

16. Thalla LL workshops and case studies on '*Building Sustainable and Resilient Food Systems*' in Greece



In 2025, the Eco-Ready Living Lab THALLA organized a series of five co-creation workshops across Central Greece, focusing on real-world scenarios related to food security, biodiversity, and climate change. These workshops centered on five key products: Honey, industrial tomato, cereals, olives, fish & aquaculture.

Grounded in agroecological values, participants collaboratively explored socio-ecological challenges and co-designed tailored policy recommendations. These proposals integrate economic, social, and environmental dimensions to help strengthen the resilience of regional food systems.

In addition, THALLA is developing a series of short –and long-term– local case studies showcasing practical solutions to pressing issues such as climate change, food insecurity, and biodiversity loss. These case studies contribute to THALLA's growing Community of Practice (CoP), a collaborative network rooted in local traditional knowledge, cultural heritage, and collective learning.

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[More on activities \(PDF\)](#)

17. Report on RECOMEX, an arable crops workshop by CONCAT LL



On September 05, 2025, the workshop RECOMEX (Results of trials and innovations in winter arable crops) co-organised by the CONCAT LL with the collaboration of several sector organisations, addressed some of the most important challenges in winter arable crops.

The workshop gathered more than 220 participants, including farmers, cooperatives, researchers, and technicians. The event was an opportunity to share the results obtained during the last campaign with the crop varieties evaluated in the Living Lab, and the final part was dedicated to advances in digitalisation.

Special emphasis has been placed on new products and innovations available on the market that may represent opportunities for the sector. Access to [the program](#) and [some photos](#) of the event. More information available through the [web site](#) (in Catalan but readable through translation feature).

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[More on CONCAT LL](#)

18. Report on workshop: Olive Growing in California and Catalonia

On September 23, 2025 CONCAT LL organised a workshop on *Olive Growing in California and Catalonia. Production, sustainability and commercialization*.

This workshop offered a unique opportunity to exchange information, opinions, and knowledge between the director of the UC Davis Olive Center (California), experts from Catalonia in the field of olive oil and olive trees, and local farmers and operators.

The event covered the current situation of the olive oil sector and market in the US and Catalonia, the role of sustainability and certification (such as the DOP Siurana), and new research results on verifying the origin of olive oils. The workshop included a tasting of Catalan and American oils. More information available through [contact](#).

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[More on CONCAT LL](#)



19. Buckwheat promises: Report on Buckwheat Festival in Czech Republic



On September 19, the popular Buckwheat festival was organized on the grounds of Eco-Ready Living Lab PROBIO. The day featured a farmers' market, excursions, exhibitions, workshops and provided entertainment for visitors.

Buckwheat, valued for its resilience and diverse applications, is a promising solution to the environmental challenges in South Moravia, distinguished by its warm climate and low precipitation levels. The area's exposure to variable growing seasons, soil erosion, biodiversity loss, and volatile weather patterns emphasizes the significance of initiating and optimizing buckwheat cultivation.

Buckwheat varieties with short vegetation periods can be grown as a second crop of the season after early harvested cereals or legume crops. Developing sustainable buckwheat production is key in addressing these ecological challenges, bolstering food security, and contributing to ecological diversity and stability.

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[More on LL PROBIO](#)

20. Report on workshop *Future of Organic* at Organic summit 2025



During the international [Organic Summit 2025](#) which took place August 18-19, 2025 in Copenhagen, Eco-Ready Living Labs Livorganic and PROBIO organized a workshop in cooperation with young farmers associations from Denmark (*Organic Youth*) and Germany (*Junges Bioland*).

During the workshop *Bridging the Gap between Aspiration and Action and Why the Future of Organic is Young*, young organic farmers from across Europe shared personal stories and explored practical solutions dealing with:



- economical conditions for young farmers,
- working culture in organic farming, and
- inclusive, peer-driven knowledge sharing.

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[More on the workshop \(PDF\)](#)

21. Report: IFVCNS at CROPINNO Conference on Climate Resilience



On 26th of June, Eco-Ready partner IFVCNS participated in the final conference of the project [CROPINNO](#) (“*New approaches in crop improvement for increasing climate resilience*”) which was held in Novi Sad, Serbia.

The conference featured and discussed omics tools, drought and disease resistance, molecular breeding, climate-smart agriculture, artificial intelligence in biology and more.

A book of abstracts provides a comprehensive view on the project and the conference issues.

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[Book of abstracts](#)

22. Plans for end-of-year workshops by Livorganic, Denmark

Livorganic is planning for two workshops by the end of the year:

1. Together with Aarhus University & MAA.C, Livorganic will organize a **Growers’ day** inviting students of Aarhus University and of Kalø Organic Agricultural College to the Foulum research site for demonstrating precision farming tools and presenting project findings to fuel discussions about the role of organic agriculture for future food security.
2. With Organic Denmark it will organize a **focus group** bringing together private and public professional buyers and catering purchasers for discussing challenges in organic supply chains, purchasing patterns and policy needs. The discussions will center around the LivOrganic key products: produce, dairy, legumes and cereals.

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[More on Livorganic](#)

More information

For more information on the project and its development during the coming years you may subscribe to the newsletter through the newsletter link on its website. Previous newsletters are accessible on the website www.ECO-Ready.eu



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