



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

### Topics of Eco-Ready video streams (a guide to the Eco-Ready Youtube sphere)

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### 1. Eco-Ready project appraisal (stakeholder meeting in London 2026)



The video demonstrates the achievements of Eco-Ready's observatory program as they were discussed during a stakeholder meeting in London, June 2026. It provides an introduction into the objectives, contents and opportunities of the observatory, the central output of the Eco-Ready project. The coordinator of the project, various project partners, and a Living Lab representative present their understanding of the potential and value of the observatory.

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### 2. A stakeholder's view on the Eco-Ready project: Confagricoltura

This video developed out of an Eco-Ready meeting in Rome in July 2026 to which partners Confagricoltura and ENEA invited partners and stakeholders for discussing the Observatory, Living Lab developments, and policy uptake issues. It presents perspectives from the project coordinator and partners, highlighting how the project is connecting research with practical decision-making. From the experiences and data generated through Living Labs, to forecasting tools, sustainability assessments and policy information, these different sources feed into the Observatory.



As the platform develops, AI-supported functions are also opening new possibilities for making insights more accessible to policymakers, farmers and other stakeholders.

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### 3. Webinar: Scenario development for climate-resilient food futures

This webinar introduces an accessible framework for scenario development, as used within the Eco-Ready project. With climate, food, and biodiversity policy landscapes rapidly evolving, scenarios offer a valuable tool to explore future



uncertainties and inform proactive strategies. The session will guide participants through key methodological steps, with interactive elements to apply the concepts to their own contexts.

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## 4. Webinar: Planning for contingencies in food security

This session explores how contingency planning tools can strengthen food system resilience under conditions of uncertainty. Drawing on experiences from across Europe, the webinar introduces a flexible, IT-supported contingency planning guide developed within Eco-Ready, designed to integrate diverse scenarios, data sources, and AI support. Participants will gain practical insights into how to structure effective contingency responses in policy and practice, tailored to evolving climate and food security challenges.



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## 5. Webinar: Forecasting tools for decision support in food systems



Forecasting plays a critical role in strategic food system planning. This webinar introduces a tool-supported methodology for selecting appropriate forecasting approaches based on key indicators. Participants will explore how to link forecasting models with realworld databases on food security and biodiversity.

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## 6. Webinar: From data to decisions – AI for food security under climate and biodiversity stress

This advanced session explores how artificial intelligence (AI) can be applied to anticipate and manage food security risks emerging from climate change and biodiversity loss. Through real-world use cases — including seafood safety, mycotoxin risk in cereals, and pest forecasting — participants will learn how AI supports early warning systems and policy decisions.



The webinar also covers ethical and explainable AI practices to ensure trust and transparency in risk-based decision-making.

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## 7. Webinar: Applying life cycle assessment in climate resilient food systems



This session provides a practical introduction to Life Cycle Assessment (LCA) and its application within the Eco-Ready project. It explains how LCA is used to evaluate the environmental and social impacts of agricultural systems, supported by concrete examples from Living Lab case studies. The webinar also explores how LCA results contribute to long-term scenario analyses and inform decision-making within the Eco-Ready Observatory.

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## 8. Webinar: Understanding the MAGNET Model – Insights into Global Agricultural Scenarios

This webinar introduces the MAGNET model – a global, economy-wide model used to project long-term developments in the agriculture and food sectors. Participants will gain insights into how MAGNET supports scenario analysis for climate-resilient food systems, including how the model operates, what data it uses, and how its results feed into the Eco-Ready Observatory.

Real-life applications from case studies will highlight the value of MAGNET in shaping agricultural policy and strategy for 2050.

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## 9. Webinar: Remote sensing for smarter farming: Earth observation in agrifood systems



This technical webinar offers an introduction to Earth Observation (EO) and remote sensing tools for monitoring agricultural and environmental systems. It covers the principles of satellite data use, key indices (NDVI, EVI, NDWI, etc.), and cloud-based platforms such as Google Earth Engine, Copernicus Browser, and EarthMap.

Participants will learn how EO supports decision-making in food security, biodiversity, and climate resilience, and how to conduct timeseries analysis using real-world datasets.

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## 10. Living Lab invitation conference

Conference on call initiative, presenting the project to potential Living Lab partners with project interest and guidance for application. Thematic sessions include a discussion on

- boosting the resilience of the farming sector against climate change-related shocks,
- plans for establishing a Living Labs network, and
- expert tips and recommendations on how to write a successful Open Call proposal.



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## 11. Short video impressions from Living Lab initiatives



**LivOrganic** LL (Denmark) at Biofach 2025

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**EcoVita** LL (Hungary) at Researcher's Night 2025

[Link to video](#)

**LL all:** Eco-Ready's 36 Staple food products

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**LL all:** LLs as regional stakeholders for food security

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**LL concept interviews:** [Thalla LL \(Greece\)](#) [ESAPPIN \(Germany\)](#)  
[EcoVita \(Hungary\)](#) [SECO-COLLAB \(Sweden\)](#) [CONCAT \(Spain\)](#)

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## 12. Eco-Ready short video impressions: conferences and models

**Conference:** Biodiversity, Food Security and Policy Making

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**Observatory:** Introducing the observatory

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**Magnet Model:** Interview with team

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## 13. General views on Eco-Ready project focus

**Climate:** European climate warming report

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**Agriculture:** Agriculture in Peril: Battling Rising Temperatures

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**Food:** Global food security challenges

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## 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](http://www.Eco-Ready.eu)



Subscribe for newsletter

### Project coordination and partners

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