

Food Revolution

Venice-Mestre, Italy
11-13 May **2026**

*Second
edition*

*Science-based actions
for health and sustainability*

CONFERENCE BOOKLET

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Looking ahead

We are already
working on the
next chapter!
Stay tuned to
be informed
about dates
and location for
the **third
edition!**



WELCOME to FoodRevolution 2026

A very warm welcome back to those who were with us for our first edition, and a sincere welcome to those joining us for the first time. We are thrilled to see the FoodRevolution family growing so steadily.

This second edition continues our mission: bridging the gap between science and business. We believe that by bringing researchers and industry leaders together, we can identify the solid foundations needed to build concrete actions and reduce the environmental footprint of our supply chains.

We hope that over these days you will not only learn from the many high-level speakers we have invited, but also find the opportunity to build new relationships and launch new collaborative projects. The transition to a sustainable and transparent 'farm-to-fork' ecosystem is no longer just an option—it is a necessity. Together, we will explore the innovations and regulations reshaping our relationship with food and the planet.

We would like to extend our deepest gratitude to all our sponsors and partners whose support has made this event possible. We warmly invite you to visit their booths in the exhibition area; their expertise and innovative solutions are here to help you navigate your own journey toward sustainability.

Once again, a heartfelt thank you for being here. Should you have any questions, please do not hesitate to visit us at the Registration Desk.

Please enjoy the summit!
Let's build the future of food, together.

Best Regards,

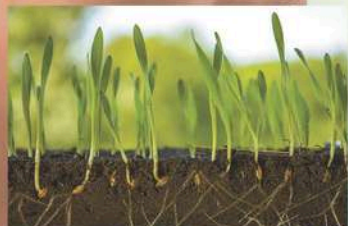
The FoodRevolution Team



ICGEB

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Building Food Security and a Sustainable Future



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COMMITTEES AND STAFF

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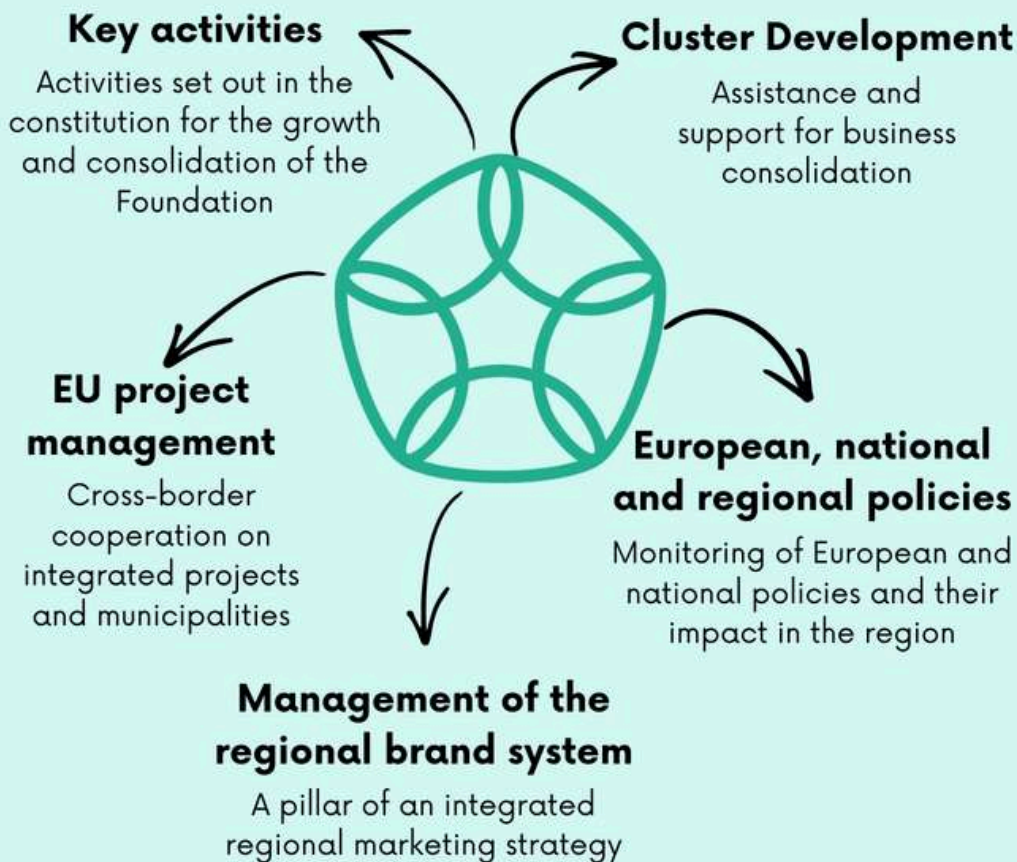
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AGRIFOOD FVG ACTIVITIES



Agrifood^{fvg}



DAY 1 - May 11, 2026

The future of agriculture

9:00-10:30	Registration 📍 Foyer
9:30-10:30	Welcome coffee 📍 Foyer
10:30-10:45	Opening & welcome 📍 Auditorium
10:45-12:30	SESSION 1 - Towards a more sustainable agriculture 📍 Auditorium
12:30-13:00	PANEL 1 - From niche to norm: unblocking Europe's regenerative revolution 📍 Auditorium
13:00-14:00	Lunch break & networking 📍 Foyer
14:00-15:25	SESSION 2 - Soil health 📍 Auditorium
15:25-15:55	Coffee break & poster session 📍 Foyer
15:55-17:05	SESSION 3 - Biotechnologies for resilient and high-yield crops 📍 Auditorium
19:00	Welcome aperitif 📍 Ca' di Mât (M9 District)

DAY 2 - May 12, 2026

Climate-friendly food chains and food products

8:00-8:30	Registration 📍 Foyer	
8:30-9:55	SESSION 4 - Sustainable livestock 📍 Auditorium	SESSION 5 - Sustainable food packaging 📍 M9Lab
9:55-10:30	PANEL 2 - How to reduce the GHG emissions of the dairy sector 📍 Auditorium	
10:30-11:00	Coffee break & poster session 📍 Foyer	
11:00-12:15	SESSION 6 - Circular bioeconomy I 📍 Auditorium	SESSION 7 - Carbon farming, carbon credits 📍 M9Lab
12:15-12:45	PANEL 3 - Scaling up manure digestion: navigating risks for a carbon-neutral farm 📍 Auditorium	
12:45-13:45	Lunch break & networking 📍 Foyer	Vendor seminar by Leyton 📍 Auditorium ⌚ 13:15-13:45
13:45-15:05	SESSION 8 - Climate-friendly food chains 📍 Auditorium	
15:05-15:35	PANEL 4 - From compliance to commitment: tropical chains' sustainability leap 📍 Auditorium	
15:35-16:05	Coffee break & poster session 📍 Foyer	
16:05-17:15	SESSION 9 - Precision fermentation 📍 Auditorium	SESSION 10 - Circular bioeconomy II 📍 M9Lab

DAY 3 - May 13, 2026

Develop, control and promote new foods

8:00-8:30	Registration 📍 Foyer
8:30-9:30	SESSION 11 - New plant-based foods: clean label products 📍 Auditorium
9:30-10:00	Coffee break & poster session 📍 Foyer
10:00-11:15	SESSION 12 - Quality of new foods 📍 Auditorium
11:15-12:25	SESSION 13 - Safety of new foods 📍 Auditorium
12:25-13:25	Lunch break & networking 📍 Foyer
13:25-14:20	SESSION 14 - How to calculate the impact, towards an EU ecolabelling 📍 Auditorium
14:20-14:50	Coffee break & poster session 📍 Foyer
14:50-15:45	SESSION 15 - Beyond compliance: sustainability after the CSRD 📍 Auditorium
15:45-16:00	Reflective keynote 📍 Auditorium
16:00-16:10	Closing remarks 📍 Auditorium

PUBLIC TRANSPORT



VENEZIA MESTRE RAILWAY STATION
1 Km



Tram T2 - stop "Villa Erizzo"



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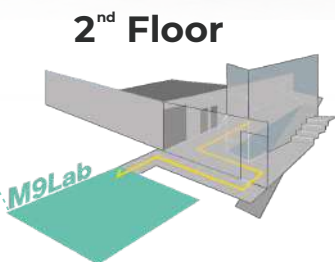
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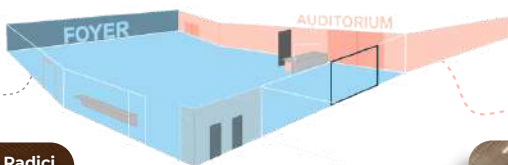
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30171, Venice Mestre



M9Lab



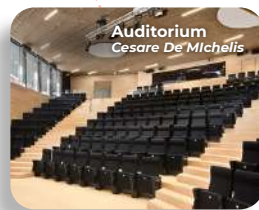
Ground Floor



M9 Radici



Foyer



Auditorium
Cesare De Michellis

SESSION 1

Towards a more sustainable agriculture



DAY 1 - May 11, 2026



Auditorium Cesare De Michelis



10:45-12:30



Chair: Prof. Annamaria Bevivino

10:45-11:15

Strategic autonomy and competitiveness of EU food systems: combining plant-based and circular livestock systems to strengthen the EU

Dr. Pierre-Marie Aubert (IDDRI)

11:15-11:30

Regenerative agriculture: a rediscovered model to meet new challenges

Prof. Amedeo Reyneri (University of Turin)

11:30-11:45

Digital agriculture for sustainable management of agricultural land

Prof. Dr. Bruno Basso (Michigan University)

11:45-12:00

How plants did change the Planet and can do it again

Prof. Roberto Bassi (University of Verona)

12:00-12:10

Q&A

12:10-12:20

Company case study - Towards regenerative agriculture for resilience and product quality elevation

David Brussa (illycaffè)



12:20-12:25

Pitches

Dr. Andrea Ferrarini (University Cattolica del Sacro Cuore)

Dr. Edward Sliwinski (Giant leaps Project)

PANEL 1

From niche to norm: unblocking Europe's regenerative revolution



DAY 1 - May 11, 2026



Auditorium *Cesare De Michelis*



12:30-13:00



Chair: Maurizio Paleologo

PANELISTS:

- **Laura Misani** (BioAgricert) 
- **Fabricio Peres** (FP Strategic Advisor) 
- **Lindsey Crompton** (Regenagri) 

SESSION 2

Soil health



DAY 1 - May 11, 2026



Auditorium Cesare De Michelis



14:00-15:25



Chair: Prof. Dr. Roland Ernest Poms

14:00-14:15 The edible plant microbiome as a bridge between food and the human microbiome

Prof. Dr. Gabriele Berg (*Graz University of Technology*)

14:15-14:30 Microbe-based biofertilizers: natural allies for healthy and thriving soil

Prof. Annamaria Bevivino (*ENEA*)

14:30-14:45 Microbial inoculant success in soil: the importance of tracking inoculative species

Loredana Canfora (*CREA*)

14:45-15:00 Sustainable utilization of agricultural soil, in a climate change scenario

Prof. Dr. Claudio Zaccone (*University of Verona*)

15:00-15:10 Q&A

15:10-15:20 *Company case study - Integrated models of sustainable agriculture and frozen vegetable production*

Mattia Fricano (*Orogel*)



15:20-15:25 *Pitch*

Diana Bernasconi (*Carbonsink*)

SESSION 3

Biotechnologies for resilient and high-yield crops



DAY 1 - May 11, 2026



Auditorium Cesare De Michelis



15:55-17:05



Chair: Prof. Dr. Claudio Zaccone

15:55-16:10 New Genomic Technologies for agricultural sustainability
Prof. Michele Morgante (*University of Udine*)

16:10-16:25 New Genomic Techniques for sustainable viticulture
Prof. Mario Pezzotti (*University of Verona*)

16:25-16:40 Rethinking the last spray: Biopesticides for residue mitigation
Dr. Dennis O. Ndolo (*ICGEB*)

16:40-16:55 Genomic breeding technologies for sustainable agriculture and food security
Prof. Dr. Matin Qaim (*University of Bonn*)

16:55-17:05 Q&A

SESSION 4

Sustainable livestock



DAY 2 - May 12, 2026



Auditorium Cesare De Michelis



8:30-9:55



Chair: Prof. Dr. Roland Ernest Poms

- 8:30-8:45 Trends in livestock farming in Europe
Dr. Gert van Duinkerken (*Wageningen University & Research*)
- 8:45-9:00 Precision livestock farming for sustainable dairy production
Prof. Dr. Maddalena Zucali (*University of Milan*)
- 9:00-9:15 Strategies of mitigation of methane emission from cows
Prof. Erminio Trevisi (*University Cattolica del Sacro Cuore*)
- 9:15-9:30 In search of a sustainable niche of livestock in food systems
Prof. Dr. Iryna Herzon (*University of Helsinki*)
- 9:30-9:40 Q&A
- 9:40-9:55 Pitches
Dr. Peter Rowe (*Deep Branch*)
Maik Kindermann (*Bovaer® | dsm-firmenich*)
Lorena Giglio (*CRPA*)

PANEL 2

How to reduce the GHG emissions of the dairy sector

 DAY 2 - May 12, 2026

 Auditorium Cesare De Michelis

 9:55-10:30

 Chair: Prof. Dr. Roland Ernest Poms

PANELISTS:

- **Simona Caselli** (Granlatte - Granarolo Group)
- **Anna Strzelbicka-Pietrowicz** (Interfood Group)
- **Pierre Barrucand** (Association de la Transformation Laitière Française)



Sustainability that stands up to audit.

As sustainability commitments expand, governance complexity increases.

Global Quality and Compliance leaders are expected to align **sustainability performance** with **regulatory and audit expectations** across markets, suppliers and certification schemes.

The challenge is not ambition. It is structural alignment.

FoodChain ID and **Bioagricert** support organisations to align sustainability goals and ensure claims remain defensible through:

- A range of **organic and sustainability** driven **certification** programmes
- **Carbon** and **climate-related verification**
- **Non-GMO** and identity preserved certification and testing
- **EUDR** and **ESG** compliance support



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SESSION 5

Sustainable food packaging

 DAY 2 - May 12, 2026

 M9Lab

 8:30-9:25

 Chair: Paola Giavedoni

8:30-8:45 Bioplastics as feasible and sustainable options for food packaging
Prof. Dr. Giorgia Spigno (*University Cattolica del Sacro Cuore*)

8:45-9:00 Non-Plastic Food Contact Materials – the better alternative?
Dr. Thomas Gude (*ETH Zürich; Thomas Gude GmbH*)

9:00-9:15 Food safety risks of recycled paper and plastic in FCM
Dr. Malcolm Driffield (*Exponent*)

9:15-9:25 Q&A

SESSION 6

Circular bioeconomy I



DAY 2 - May 12, 2026



Auditorium Cesare De Michelis



11:00-12:15



Chair: Dr. Bert Popping

- 11:00-11:15 Circular economy and the food chain: actions to minimize risk, thus improving benefit
Gianfranco Brambilla (*ISS - Italian National Health Institute*)
- 11:15-11:30 Valorizing biomass for sustainable soil use and management
Prof. Dr. Daniela Pezzolla (*University of Perugia*)
- 11:30-11:45 From circular economy to food safety: emerging biological risks associated with agricultural use of biosolids
Arianna Peruzzo (*IZSVe*)
- 11:45-12:00 Food safety challenges and opportunities in circular food systems
Dr. Elise Hoek - van den Hil (*Wageningen University & Research*)
- 12:00-12:10 Q&A
- 12:10-12:15 Pitch
Stefano Fili (*Leyton*)

PANEL 3

Scaling up manure digestion: navigating risks for a carbon- neutral farm



DAY 2 - May 12, 2026



Auditorium Cesare De Michelis



12:15-12:45



Chair: Dr. Bert Popping

PANELISTS:

- **Diana Lenzi** (Farming For Future Foundation)
- **Prof. Fabrizio Adani** (University of Milan La Statale)
- **Dr. Gert van Duinkerken** (Wageningen University & Research)



SESSION 7

Carbon farming, carbon credits



DAY 2 - May 12, 2026



M9Lab



11:00-12:15



Chair: Loredana Canfora

- 11:00-11:15 Evolution and perspectives on agriculture-environmental relationship in the context of the bioeconomy
Prof. Davide Viaggi (*University of Bologna*)
- 11:15-11:30 A decision-support framework for carbon farming contracts in the EU
Dr. Nidhi Raina (*University of Bologna*)
- 11:30-11:45 The flaws in soil carbon accounting
Dr. Valeria Forlin (*EU Commission*)
- 11:45-12:00 The Community certification methodology and the voluntary carbon credit market in Italy: challenges and opportunities for agriculture
Ilaria Falconi (*CREA*)
- 12:00-12:10 Q&A
- 12:10-12:15 Pitch
Dr. Edward Sliwinski (*TITAN Project*)

Intellectual property as a strategic asset: how companies and research institutions can protect, finance and monetise innovation in the food & sustainability sector



DAY 2 - May 12, 2026



Auditorium Cesare De Michelis



13:15-13:45

KEY TOPICS:

- Why IP is more than legal protection: patents, trademarks and know-how as strategic and financial assets;
- IP and European project design: how to structure your organisation to successfully join EU-funded consortia;
- A patent portfolio as a revenue stream: licensing, cross-licensing and M&A valuation;
- Patents on the balance sheet (IAS 38): how intangible assets improve access to finance and company valuation;
- Q&A.

SPEAKERS:

- **Stefano Fili** – *Head of Research Centre, Leyton (moderator)*
- **Domenica Casciano** – *Senior Grants Consultant, Leyton*
 - *IP positioning in European project design and consortium support*
- **Marco Bucchioni** – *Head of IP, Leyton*
 - *IP strategy as a lever for growth, licensing and financial structuring*

SESSION 8

Climate-friendly food chains



DAY 2 - May 12, 2026



Auditorium Cesare De Michelis



13:45-15:05



Chair: Prof. Dr. Roland Ernest Poms

13:45-14:00 Due diligence and deception: how EUDR is turning global food trade into a compliance minefield

Prof. Chris Elliott (*Thammasat University; Queen's University Belfast*)

14:00-14:15 Climate-friendly food chains in practice: traceability, certification and responsible palm oil sourcing

Francesca Ronca (*Italian Union Sustainable Palm Oil*)

14:15-14:30 EUDR: What now?

Cesare Varallo (*Food Law Latest*)

14:30-14:40 Q&A

14:40-14:50 *Company case study - Beyond compliance: building a climate-resilient supply chain for people and the future. A case history from ICAM in Uganda*

Elena Gaggion (*ICAM Cioccolato*)



14:50-15:00 *Company case study - Unigrà sustainable path: tropical oils responsible sourcing and circular value creation*

Elisa Chirato (*Unigrà*)



15:00-15:05 *Pitch*

Giulia Camparsi (*SBTi*)

PANEL 4

From compliance to commitment: Tropical chains' sustainability leap



DAY 2 - May 12, 2026



Auditorium Cesare De Michelis



15:05-15:35



Chair: Prof. Dr. Roland Ernest Poms

PANELISTS:

- **Giulia Camparsi** (SBTi) 
- **Francesca Ronca** (Italian Union Sustainable Palm Oil) 
- **Petra Zambelli** (Fairtrade Italy) 

SESSION 9

Precision fermentation



DAY 2 - May 12, 2026



Auditorium Cesare De Michelis



16:05-17:15







Chair: Maurizio Paleologo

- 16:05-16:20 The infinite fermentation potential: an ancient biotechnology for our great future
Prof. Dr. Raffaella di Cagno (*University of Bolzano*)
- 16:20-16:35 Scale-up and demonstration of biomass and precision fermentation at the Bio Base Europe Pilot Plant
Prof. Wim Soetaert (*Ghent University; Inbiose; Bio Base Europe Pilot Plant*)
- 16:35-16:50 Considerations in commercializing precision fermentation products in food & agriculture
Dr. Steven van der Hoek (*TFTAK*)
- 16:50-17:05 Food safety considerations in precision fermentation production of dairy proteins
Dr. Mark Sturme (*Wageningen University & Research*)
- 17:05-17:15 Q&A

SESSION 10

Circular bioeconomy II

 DAY 2 - May 12, 2026
 M9Lab
 16:05-17:15
 Chair: Dr. Madhura Rao

- 16:05-16:20 Circular foods need circular rules
Prof. Dr. Alie de Boer (*Maastricht University*)
- 16:20-16:35 Engaging food producers to take up more sustainable practices: experiences from the Netherlands
Prof. Dr. Rob Bakker (*HAS - University of Applied Sciences*)
- 16:35-16:50 Process technologies for valorising rapeseed presscake: from agricultural residue to functional food ingredients
Dr. Joshua Mayers (*RISE - Research Institutes of Sweden*)
- 16:50-17:05 Safety aspects of valorised olive, grape, and almond side streams
Dr. Maame Ekua Manful (*Technological University Dublin*)
- 17:05-17:15 Q&A

CLUST-ER AGRIFOOD

AGROALIMENTARE

Il **Clust-ER Agroalimentare** è una **associazione privata di imprese, centri di ricerca, enti di formazione** che condividono **competenze, idee e risorse** per **sostenere la competitività del settore agroalimentare.**

Essere **socio** del Clust-ER offre un accesso privilegiato a numerose opportunità:

- › Partecipare alla **definizione delle strategie regionali di sviluppo**
- › Essere **aggiornati** sulle **ultime notizie scientifiche, tecnologiche** e di **business** a livello **regionale, nazionale e internazionale**
- › Far parte di un **network di partner internazionali** per partecipare a progetti di ricerca e innovazione

CONTATTI

Clust-ER Manager: marco.foschini@agrifood.clust-er.it

Indirizzo: Via Piero Gobetti 101, 40129 – Bologna

Sito web: www.agrifood.clust-er.it



IL CLUST-ER AGRIFOOD DELL'EMILIA-ROMAGNA

SESSION 11

New plant-based foods: Clean label products

 DAY 3 - May 13, 2026

 Auditorium Cesare De Michelis

 8:30-9:30

 Chair: Prof. Dr. Vitor Vasconcelos

8:30-8:45 Plant-based meat alternatives: classification, market trends, and future directions in Europe

Maurizio Paleologo (*Affidia Srl SB*)

8:45-9:00 Measuring what matters: how functional units and local context reshape sustainable diet narratives

Flaminia Ortenzi (*GAIN - Global Alliance for Improved Nutrition*)

9:00-9:15 Plant-based UPFs: from NOVA labels to nutrient quality and clinical use

Roberto Mele (*San Raffaele Hospital*)

9:15-9:25 Q&A

9:25-9:30 *Pitch*

Alice Reggiani (*freelance*)

SESSION 12

Quality of new foods



DAY 3 - May 13, 2026



Auditorium Cesare De Michelis



10:00-11:15



Chair: Dr. Madhura Rao

10:00-10:15 Delegated photosynthesis: leveraging plant intelligence for next-gen foods

Prof. Dr. Tilo Hühn (ZHAW)

10:15-10:30 Hybrid alternative protein for delivering nutrition and Net Zero impact

Dr. Parag Acharya (University of Greenwich)

10:30-10:45 New foods from cyanobacteria and microalgae

Prof. Dr. Vitor Vasconcelos (University of Porto; CIIMAR)

10:45-10:55 Q&A

10:55-11:05 *Company case study - Leading the future of performance nutrition – Sustainable innovation in high-protein bars & powders*

Petra den Dikken (Prinsen Berning)

PRINSEN  BERNING
Active Nutrition

11:05-11:15 *Pitches*

Zac Austin (Pacifico Biolabs GmbH)

Monia Caramma (Sorghum ID)

SESSION 13

Safety of new foods



DAY 3 - May 13, 2026



Auditorium Cesare De Michelis



11:15-12:25



Chair: Prof. Dr. Tilo Hühn

- 11:15-11:30 The FASTA and the curious: adventures in allergen prediction
- When 35% similarity isn't enough to predict anaphylaxis
Dr. Bert Popping (FOCOS; Food Orbit)
- 11:30-11:45 Microbiological risks in new foods
Prof. Dr. Luca Cocolin (University of Turin)
- 11:45-12:00 Chemical risks in new foods
Dr. Octavian A. Mihalache (INRAE, Oniris, LABERCA)
- 12:00-12:15 Chemical food safety challenges and regulatory blind spots
in alternative proteins, focusing on edible insects
Dr. Zsuzsa Farkas (University of Veterinary Medicine
Budapest)
- 12:15-12:25 Q&A

SESSION 14

How to calculate the impact, towards an EU ecolabelling



DAY 3 - May 13, 2026



Auditorium Cesare De Michelis



13:25-14:20



Chair: Dr. Edward Sliwinski

13:25-13:40 Life Cycle Assessment in the agri-food sector: lessons learnt and challenges

Dr. Thomas Nemecek (*Agroscope*)

13:40-13:55 Life cycle assessment (and environmental footprint) to support food labelling schemes

Prof. Dr. Laura Garcia Herrero (*University of Bologna*)

13:55-14:10 Harmonizing food environmental labelling across Europe: the LIFE Eco Food Choice Project

Zoé Coudert (*ADEME*)

14:10-14:20 Q&A

SESSION 15

Beyond compliance: sustainability after the CSRD



DAY 3 - May 13, 2026



Auditorium Cesare De Michelis



14:50-15:45



Chair: Paola Giavedoni

- 14:50-15:05 The European regulatory framework on Sustainability Reporting: future perspectives in the Food sector
Prof. Dr. Angela Tarabella (University of Pisa)
- 15:05-15:20 Greenwashing under EU Law: regulatory instruments and enforcement challenges
Matteo Squeo (The Green Clause)
- 15:20-15:35 Sustainability communication and the risk of Greenwashing: legislative approaches to liability and consumer protection
Prof. Gianluca Brunori (University of Pisa)
- 15:35-15:45 Q&A

15:45-16:00 *Reflective keynote*
Neglected and underutilised crops as a new frontier for sustainable innovation
Dr. Madhura Rao (Maastricht University)



Regenagri is a regenerative agriculture initiative aimed at securing the health of the land and the wealth of those who live on it.

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POSTERS

📍 Radici Room

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Listed names refer to the presenting authors. For the full list of contributors and co-authors, please refer to the physical poster on display.

GLOSSARY (1/5)

Agri-food sustainability short glossary

Acronym	Full form	Short explanation
	Agroforestry	The integration of trees and shrubs into crop and livestock farming systems to create environmental and economic benefits.
	Carbon Credits	Tradable certificates that represent the removal or avoidance of one tonne of carbon dioxide (CO ₂) or its equivalent from the atmosphere. In agriculture, these are generated through verified carbon farming projects and can be sold on voluntary or regulated carbon markets to companies looking to offset their emissions.
	Carbon Farming	A green business model that rewards farmers for implementing practices that enhance carbon sequestration (storing carbon in soil and biomass) or reduce greenhouse gas emissions. It creates a new source of income for land managers based on their environmental performance.
	Carbon Insetting	The practice of a company investing in sustainable practices and carbon reduction projects within its own value chain. For a food brand, this means working directly with its farmers to reduce emissions or sequester carbon on the very farms that supply their ingredients. It is often considered more transparent and impactful than offsetting.
	Carbon Offsetting	The practice of compensating for greenhouse gas emissions by investing in projects outside of a company's own supply chain (e.g., a food company buying credits from a reforestation project in a different country). It is used to balance out emissions that the company cannot yet eliminate.
	Carbon Sequestration	The process of capturing and storing atmospheric carbon dioxide in the soil or plants to mitigate climate change.

GLOSSARY (2/5)

Agri-food sustainability short glossary

Acronym	Full form	Short explanation
CAP	Common Agricultural Policy	The EU's policy framework (2023-2027) that provides financial support to farmers while mandating environmental standards.
CBAM	Carbon Border Adjustment Mechanism	A landmark EU regulation designed to put a fair price on the carbon emitted during the production of carbon-intensive goods that are entering the EU from non-EU countries. Its primary goal is to prevent "carbon leakage" (companies moving production to countries with less stringent climate rules) and to encourage industry to adopt greener practices.
	Carbon Footprint	The total amount of greenhouse gases (including carbon dioxide and methane) generated by food production and distribution
CSDDD Or CS3D	Corporate Sustainability Due Diligence Directive	Unlike the CSRD, which focuses on transparency and reporting, this directive imposes a legal duty to act. It requires companies to identify, prevent, and mitigate adverse impacts on human rights (e.g., forced labor) and the environment (e.g., pollution) across their entire global value chain, making them legally responsible for the conduct of their suppliers and partners.
CSRD	Corporate Sustainability Reporting Directive	An EU law requiring large companies to report on the social and environmental impact of their activities.
CO2e	Carbon Dioxide Equivalent	Unit used to compare greenhouse gas emissions.
CFP	Carbon Footprint	Total climate impact of a product or activity.

GLOSSARY (3/5)

Agri-food sustainability short glossary

Acronym	Full form	Short explanation
DSS	Decision Support System	A digital tool that helps decision-makers analyze data and choose among options, often used in sustainability and supply-chain management.
	Double Materiality	<p>The mandatory accounting principle used in EU sustainability reporting (ESRS). It requires companies to report on two fronts:</p> <ol style="list-style-type: none"> 1. <u>Impact Materiality</u> (Inside-out): How the company's activities affect people and the environment (e.g., how a farm's pesticide use impacts local biodiversity). 2. <u>Financial Materiality</u> (Outside-in): How external sustainability matters affect the company's financial health, risks, and value (e.g., how climate change-induced droughts impact a food company's crop yields and profits).
	Ecosystem Services	The benefits that humans freely gain from the natural environment and from properly functioning ecosystems (e.g., pollination, natural water purification, and soil fertility).
EGD	European Green Deal	The EU's overarching plan to make Europe the first climate-neutral continent by 2050.
ESG	Environmental, Social, and Governance	A framework of three key criteria used to measure an organization's sustainability, ethical footprint, and long-term resilience.
ESRS	EU Sustainability Reporting Standard	The detailed rules and templates that companies must use to report their sustainability performance under the CSRD. These standards ensure that sustainability information is consistent, comparable, and reliable across the EU. They cover environmental, social, and governance (ESG) issues, including specific requirements for biodiversity, water resources, and circular economy.

GLOSSARY (4/5)

Agri-food sustainability short glossary

Acronym	Full form	Short explanation
EUBS	EU Biodiversity Strategy for 2030	As central pillar of the EGD, this strategy aims to restore biodiversity by protecting 30% of EU land and halving chemical pesticide use.
EUDR	EU Deforestation Regulation	EU rule to stop deforestation-linked products.
	EU Taxonomy Regulation	A “green dictionary” that classifies environmentally sustainable economic activities. It provides clear definitions to identify truly sustainable investments.
F2F	Farm to Fork	A key component of the Green Deal aiming to make food systems fair, healthy, and environmentally friendly.
GAP	Good Agricultural Practices	A collection of specific methods applied to on-farm production and post-production processes to yield safe and healthy food, while ensuring economic, social, and environmental sustainability.
GHG	Greenhouse Gases	Gases that contribute to climate change.
GRI	Global Reporting Initiative	Widely used sustainability reporting framework.
LCA	Life Cycle Assessment	A methodology for assessing environmental impacts associated with all the stages of a product's life (from "cradle to grave").
MRV	Monitoring, Reporting and Verification	A multi-step framework used to ensure that climate claims—such as greenhouse gas emission reductions or carbon sequestration—are accurate, transparent, and credible.

GLOSSARY (5/5)

Agri-food sustainability short glossary

Acronym	Full form	Short explanation
NRL	Nature Restoration Law	A regulation aiming to restore degraded ecosystems across the EU, including agricultural land.
	Net Zero	Achieving a balance between the amount of greenhouse gas produced and the amount removed from the atmosphere
	Paris Agreement	A legally binding international treaty on climate change adopted in 2015. Its primary goal is to limit global warming to well below 2°C above pre-industrial levels, while pursuing efforts to limit the increase to 1.5°C.
	Regenerative Agriculture	An outcome-based farming approach that seeks to rehabilitate and enhance the entire farm ecosystem. Unlike sustainable farming (which aims to maintain the status quo), regenerative practices focus on topsoil regeneration, increasing biodiversity, improving the water cycle, and strengthening carbon sequestration to actively reverse climate change.
SFSC	Short Food Supply Chain	A supply chain involving a limited number of intermediaries, fostering a direct relationship between producers and consumers.
SML	Soil Monitoring and Resilience Directive	The first-ever EU law dedicated to soil health, which entered into force in December 2025. It mandates Member States to monitor soil quality and identify contaminated sites to ensure healthy soils across the EU by 2050.
PEF	Product Environmental Footprint	EU method for assessing product environmental impact.

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