



LIFE Platform meeting

Future-Proofing Europe's Agri-Food Sector: Innovation, Resilience, Sustainability, and Competitiveness brought forward by the LIFE Programme



3-4 December 2025, Bologna

This meeting is
organised by





Workshop 1: ***Sustainable agricultural practices for climate resilience***

14.30 - 16:00

An Agroecology Way Forward for European Food and Farming

Dr. Matteo Metta
Policy Manager, AEEU

3-4 December 2025, Bologna

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organised by





LIFE24-NGO-BE-AEEU/101210747

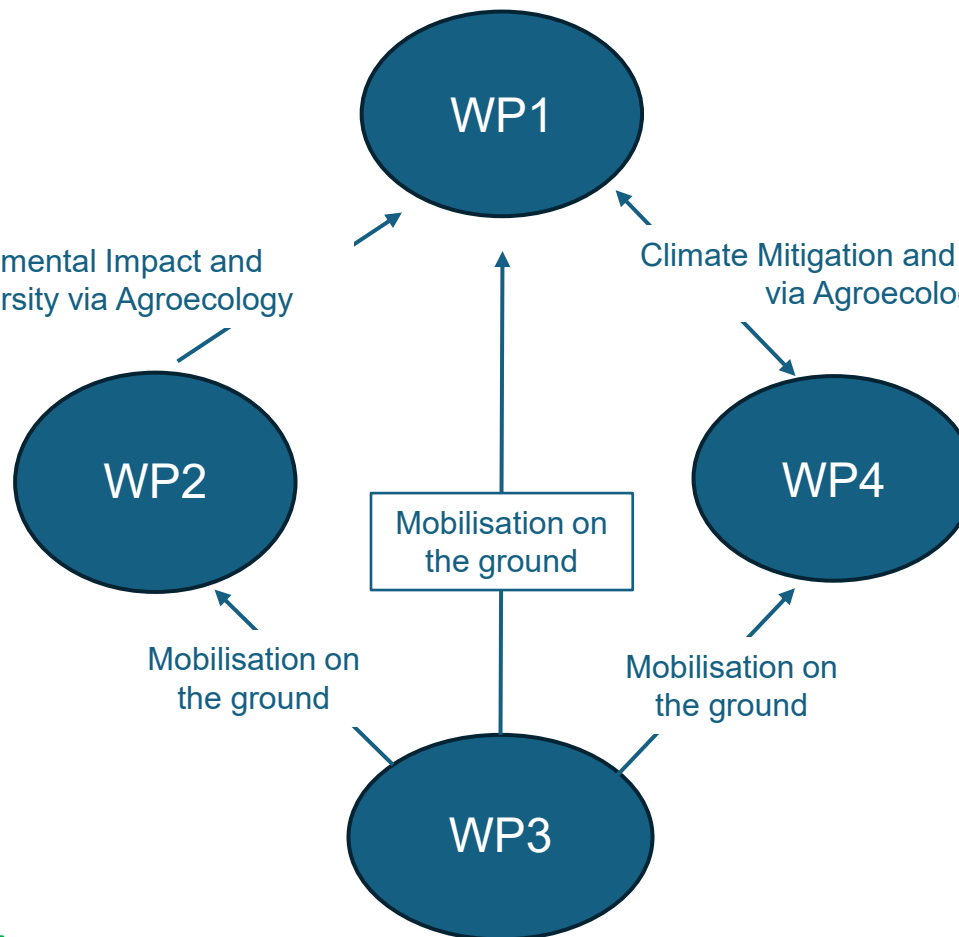
Organizational Development



Biodiversity Working Group



Mitigating Environmental Impact and protecting Biodiversity via Agroecology



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THE IMPACT OF AGROECOLOGIE ON CLIMATE CHANGE

What does science tell us?

Aims



Fact Sheets

• Researchers from ISAB in Lyon and the Saint Anna School of Advanced Studies in Pisa assessed the impact of combined

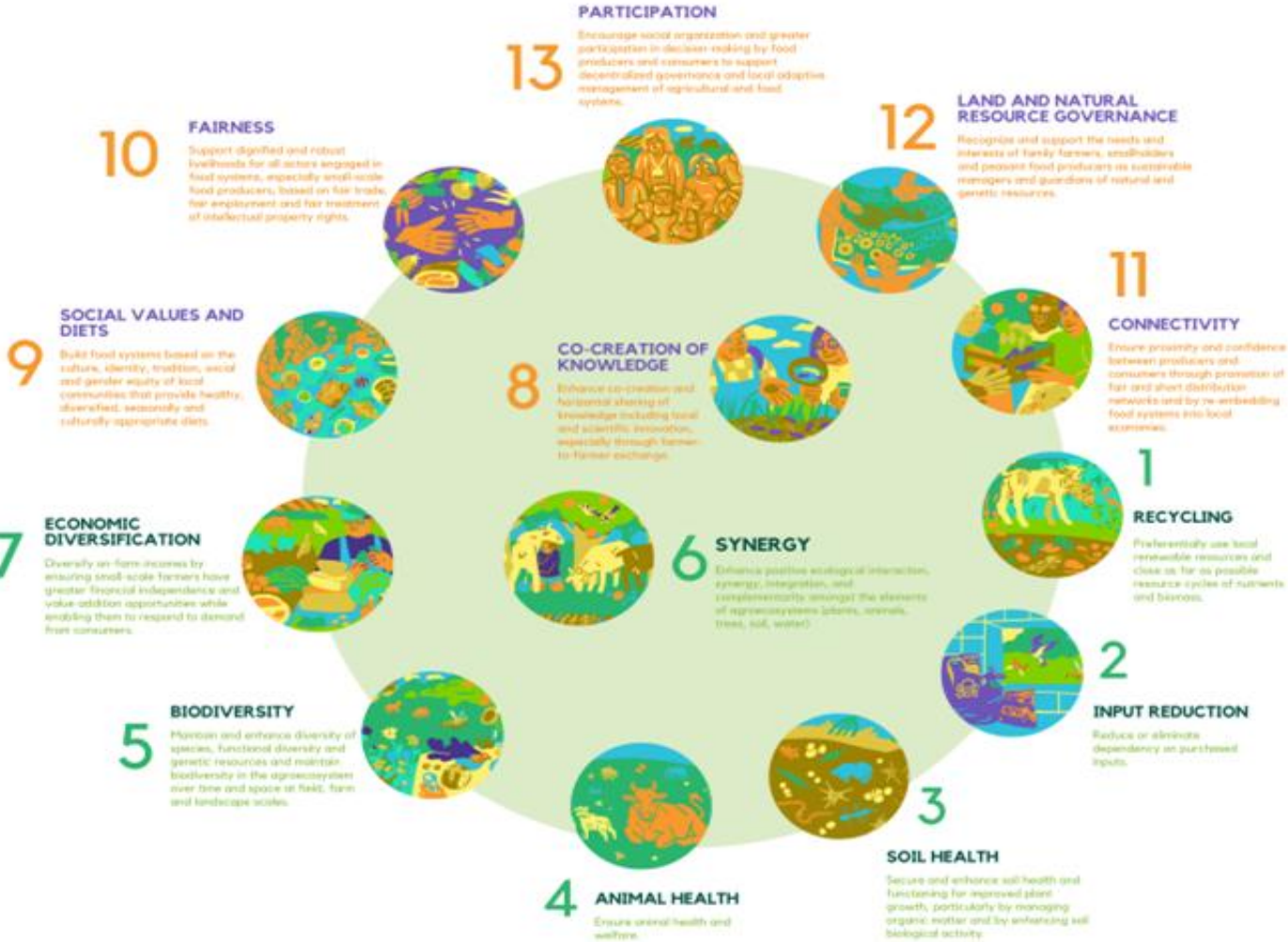
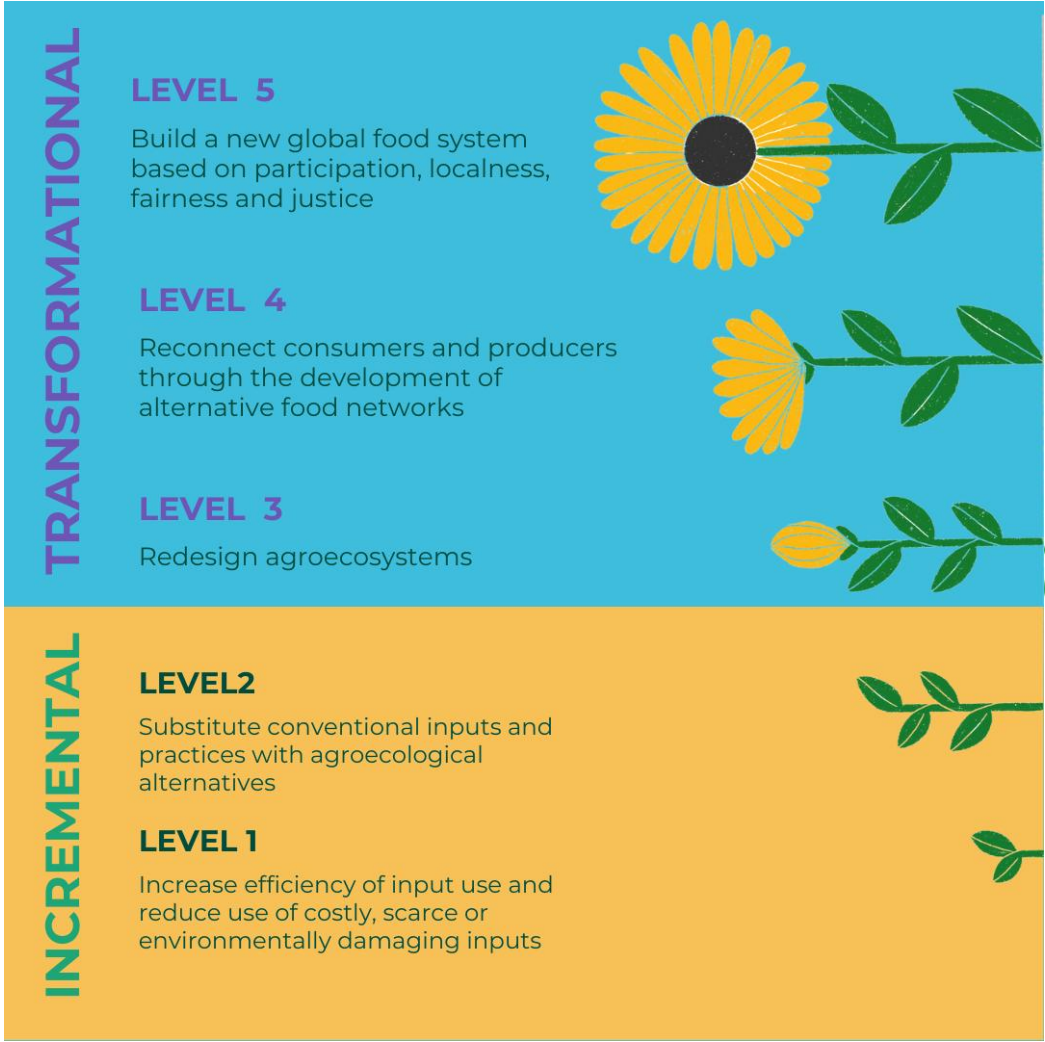
The first Nordic Agroecology Network



Dr. Matteo Metta

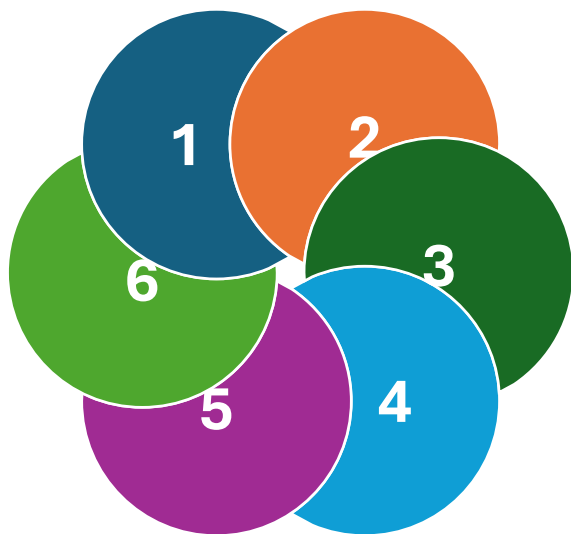


Our understanding of agroecology: from principles to food systems transformation





Farming practices based on Agroecology Principles



**Seeds, breeds, and
organic genetic
resources**



Soil Health

Multiannual crop rotation, Intercropping, reduced tillage, fallow land, composting, organic manure, soil health lab and in-field tests, etc.



Plant Health

IPM, Diagnosis, Biocontrol, Organic nutrient management, organic plant protection products, evaluation, physical weeding, etc.



**Pollinator
and habitat restoration**

Landscape features, hedgrows, flower strips, mellipherous planting, soil habitat corridors, protection of water bodies



Livestock

Vegetative barriers, Perennial planting, mixed crops and animal, rotational grazing, sylvopasture, anaerobic digesters, animal welfare,



Water Resilience

Agroforestry, mulching, minimum soil disturbance to reduce evaporation, crop diversification,

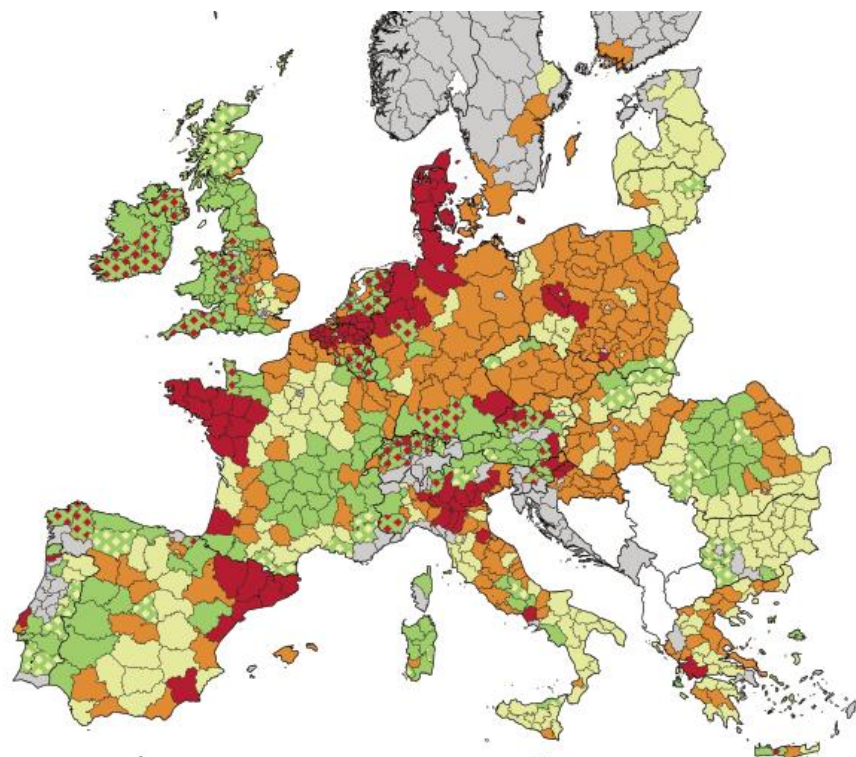


Climate Action

Perennials for carbon sequestration, mixed farming, renewable energy without trade offs with land, feed, and rural landscapes.



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- High livestock density (LU/ha UAA), low grassland/UAA
- Grassland-based area with high LU/ha UAA
- Grassland-based area with moderate LU/ha UAA
- Grassland-based area with low LU/ha UAA
- Moderate LU/ha UAA, low grassland: crop-livestock farming
- Low LU/ha UAA and grassland/UAA: crop-dominated area
- UAA/territorial unit < 20%



*Dumont et al., 2019,
based on Eurostat 2010*



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Photo credit: Nikola Knezevic

A Fair Transition of Livestock Systems through Agroecology

Position Paper



Agroecology Europe

June 2025

Dr. Matteo Metta

Step 5: Global Food Systems



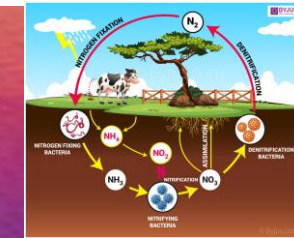
Step 4: Territorial reconfiguration



Step 3: Redesign agroecosystems



Step 2: Substitution



Step 1: Efficiency





Thank You

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Dr. Matteo Metta



World Café table organisation

Pay attention to the distribution in the next slide....



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Rotating groups

From your project experience, which sustainable agricultural and farm management practices (e.g., cover cropping, agroforestry, mixed farming, efficient pasture management, or water management, etc.) have proven most effective in enhancing climate resilience of farmers and breeders? What factors were key to their success or challenges in implementation?

Table leader / harvester: Clara Garrone (IFOAM)

To what extent have your projects integrated ecosystem services - such as soil health as a barrier against pollutants, support for biodiversity or pollination management - into their design and monitoring? What tools or indicators have you found useful to demonstrate their impact?

Table leader / harvester: Valerio Borzatta (LIFE NATURA AGRO)

What are the main obstacles preventing the European market from rewarding the efforts of those farmers and breeders who implement innovative agro-livestock solutions for climate adaptation and reduction of impacts on natural resources? And what measures could be implemented (public and private) to ensure that this reward is recognised?

Table leader / harvester: Simona Castaldi (LIFE DESERT-ADAPT)

1. Luca Filippi (LIFE agriCOlture),
2. Sara Bosi (IMAGE LIFE),
3. Jorge Antonio Sánchez Molina (LIFE-ACCLIMATE),
4. Pau Berenguer Planas (LIFE WARRIOR),
5. Alessio Bonaldo (ActFast),
6. Andra Livina (LatViaNature),
7. Elio Dinuccio (CO-CLIMA),
8. Enrico Balugani (AGRESTIC)

1. Matteo Michelini (NATURA AGRO),
2. Albina Yasinskaya (organic farmer),
3. Roman Hamersky (PROSPECTIVE LIFE),
4. Andrea Ruffin (LIFE APOLLO),
5. Jan Willem Berendsen (LIFE CO2SAND),
6. Inga Muizniece (LatViaNature),
7. Jozef Ridzon (LIFE 4 STEPPE BIRDS)
8. Gottlieb Basch (ECAE)

1. Attilio Toscano (AGRITECH),
2. Paola Semenzato (Olivares Vivos +),
3. Ivana Dolanova (PROSPECTIVE LIFE),
4. Jorie De Nies (LIFE ACLIMA),
5. Matteo Metta (AEEU),
6. Anna Marjia Firere (Climate Pact Ambassador),
7. Patrizia Bianconi (RER),
8. Tibor Farkas (Co-Clima)