

Heraklion, 30 June - 3 July 2025







Session: Biodiversity Observatory: Smart Systems for a Living Planet Revolutionising Biodiversity Monitoring with Automation

2 July 2025 | 11:30-13:00





Towards a Monitoring System for Agroecology in Europe: Results form Expert Consultations

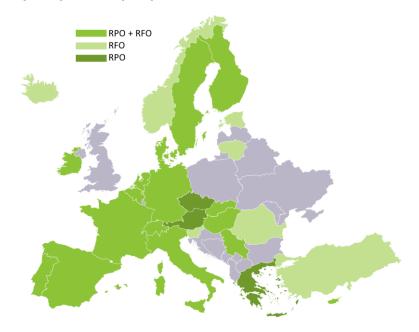
Presenter: Salvador Fernández (LifeWatch ERIC)

Authors: Iria Soto, Ana Mellado, Amy Worten, Sinead O'Keeffe, Marc Caulfield, Anne Vandoorn, JM Ávila



Agroecology in a nutshell

Team-up and unlock the transition to agroecology so that farming systems are resilient, productive and prosperous, place-sensitive, as well as climate, environment, ecosystem, biodiversity and people-friendly by 2050





Jan 2024 to Dec 2033

Horizon Europe co-funded partnership in Cluster 6 Phase 2 for AGROECOLOGY is approaching (see WP2025)



Pool resources of EU and states/regions

Mobilisation of 300 Mio € (50% co-funded)

In-kind: research and networking activities

In-cash: up to 7 transnational calls for proposals



72 partners from 26 states/regions

RFOs: National/Regional Authorities, ministries,

Funding agencies

RPOs: Research performing organisations



Visit us: https://www.agroecologypartnership.eu/

Coordination: Project Management Juelich (DE)

ptj-agroecology-secretariat@fz-juelich.de

Co-coordination: ANR (FR)



Introduction & Objective

Objective:

- Capitalize on the expert knowledge that has been generated by previous experiences monitoring agroecology across various scales and domains
- Identify lessons learned, challenges, limitations and opportunities encountered by experts in previous efforts to monitor agroecology across various scales and domains.

Outputs:

- Challenges and opportunities
- Recommendations







Economic



Sociocultural Governance



Online ½ Day Oct-Nov 24



Experts (Scientific/Technical)

Policy (DGAGRI + DGJRC)





Proceedings Common Challenges, lesson learned





Other project results (conceptual framework + monitoring plan)



Bringing together (end users)

Issues & gaps Needs Recommendations to overcome challenges

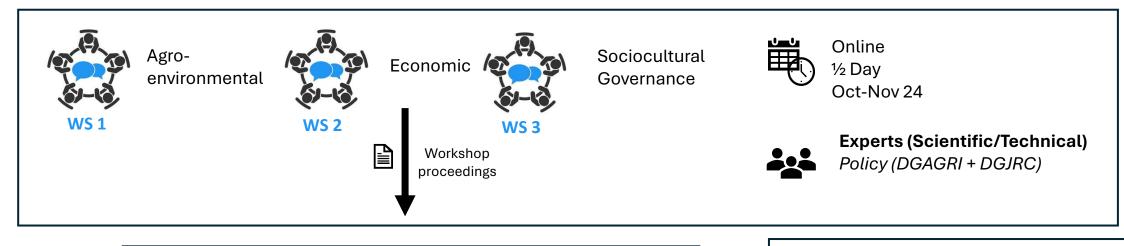


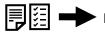
Onsite 1-2 Day End 2025 - Beginning 2026



Policy (DGAGRI) Living Labs representatives Farmers & associations Advisors



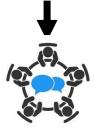




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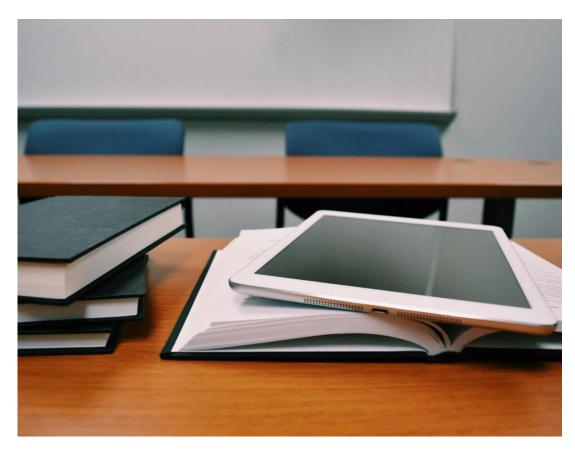


Literature review





Literature review



Identification of experts













BLACK

CHALLENGES

Difficulties & Dangers



YELLOW

OPPORTUNITIES

Potential & Uses





CHALLENGES

Difficulties & Dangers



YELLOW

OPPORTUNITIES

Potential & Uses



PROCESS

Planning & Action





CHALLENGES

Difficulties & Dangers



YELLOW

OPPORTUNITIES

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PROCESS

Planning & Action



WHITE

DATA & FACTS

Information & Data





CHALLENGES

Difficulties & Dangers



YELLOW

OPPORTUNITIES

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PROCESS

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WHITE

DATA & FACTS

Information & Data



GREEN CREATIVITY

Possibility & Alternatives



RED

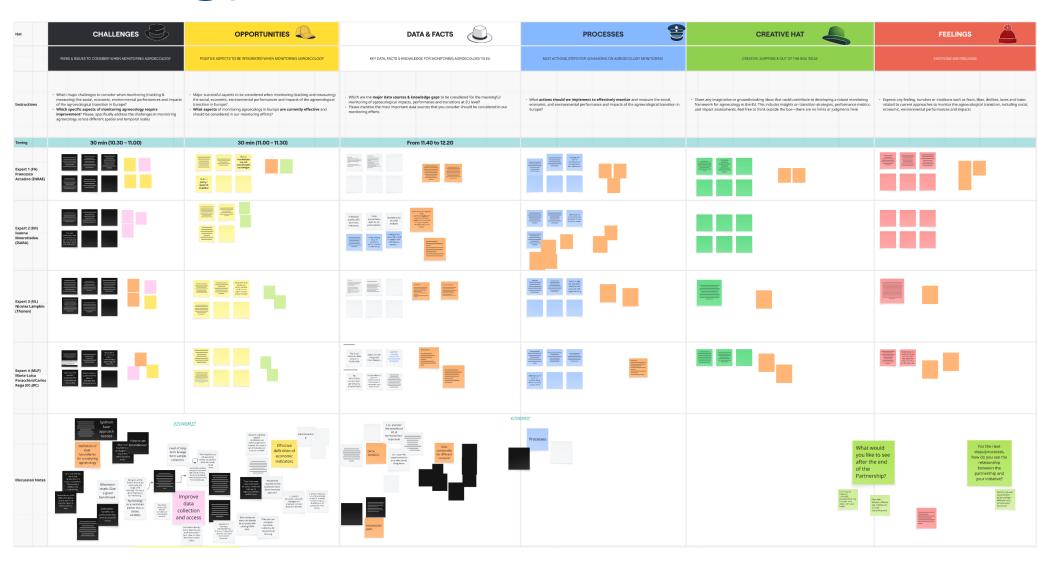
FEELINGS

Intuition & Gut Instinct

Six Thinking Hats (de Bono, 1985) framework for structured thinking and group discussion.

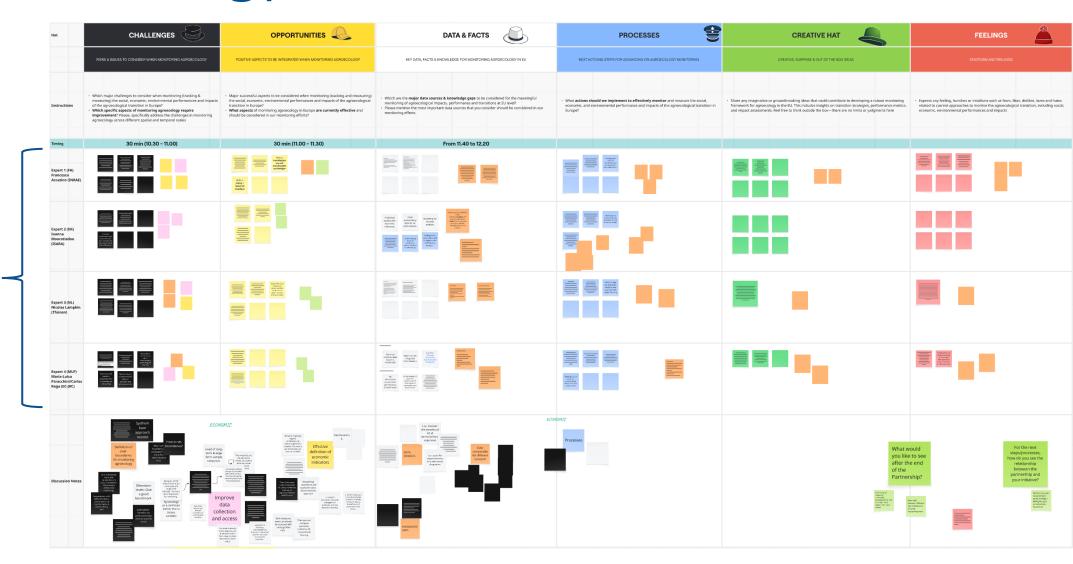
Only if time allowed



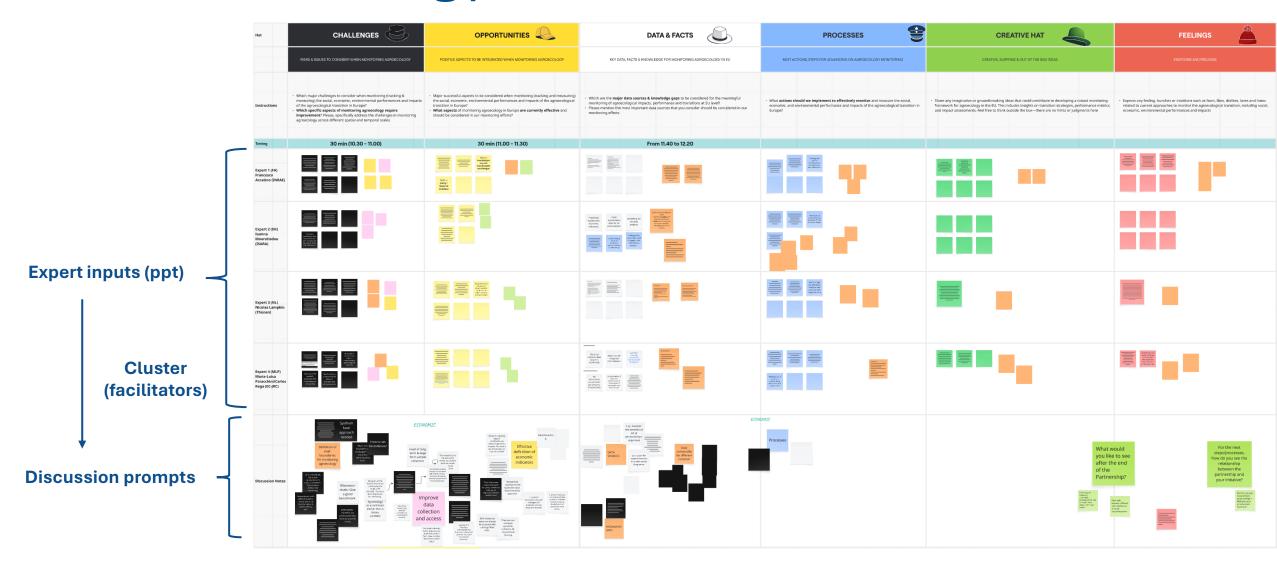




Expert inputs (ppt)









Data analysis:

- Session's transcripts
- Notes captured in experts ppts and Miro Board
- Written observation (note-takers)
- Organized by discussion prompts





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- Indicators: Traditional farm-level economic indicators can be derived from existing EU administrative databases at different scales (FSDN)

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- Generate recommendations for the Farm Sustainable Data Network (FSDN)/Statistical inclusion. Identify how best agroecology data can be included in statistical databases such as FSDN.



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- Foster an open dialogue between policymakers and researchers to ensure that research findings can effectively translated.
- Generate recommendations for the Farm Sustainable Data Network (FSDN)/Statistical inclusion. Identify how best agroecology data can be included in statistical databases such as FSDN.
- Avoid rigid definitions of Agroecology or any Agroecology framework that forces the agroecological transition to demonstrate very specific outcomes.



Take home messages

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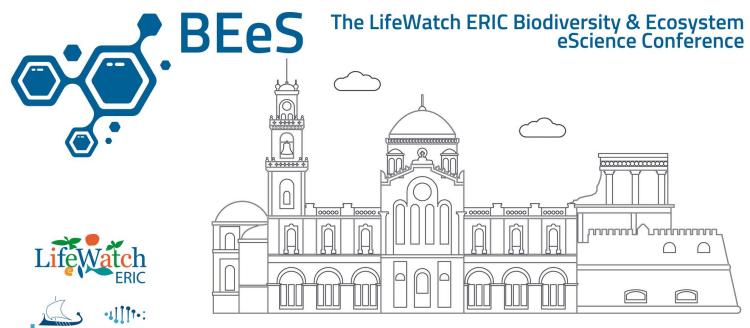
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Qualitative data is not complementary—it's foundational to understanding and knowledge creation.

Thank you!



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Questions? salvador.fernandez@lifewatch.eu