



# **Harnessing the potential of the CAP delivery model:**

**How can agroecology provide  
systemic and consistent indicator  
systems to improve the CAP  
implementation and objectives?**

**Friday 12 April 2024**

CDG CAP Strategic Plans and  
horizontal matters :

WORKSHOP ON GOVERNANCE  
AND PERFORMANCE



**Elena Ambühl**  
EU Affairs Manager

# Presentation of Agroecology Europe

Agroecology Europe is the European association promoting the transition towards agroecology-based sustainable farming and food systems as a set of practices, a science and a movement across Europe and throughout the world, by facilitating knowledge sharing and action.

More than 300  
members from 15  
countries

NGOs, Universities, Scientists,  
Students, PHD students, farmers,  
social movements, etc.

Established in 2016 to  
support the agroecological  
transition in Europe



Intends to place agroecology  
high on the EU agenda

Aims to analyse, design, develop  
and promote the transition towards  
agroecology-based farming and  
food systems

Foster interactions between  
actors in science, practice  
and social movements

# Our Networks and Partners

## Advocacy and Campaigning



## EU FOOD POLICY COALITION

### Task Force Agroecology



## International Coalition



## AGROECOLOGY COALITION

The coalition for the transformation of food systems through agroecology

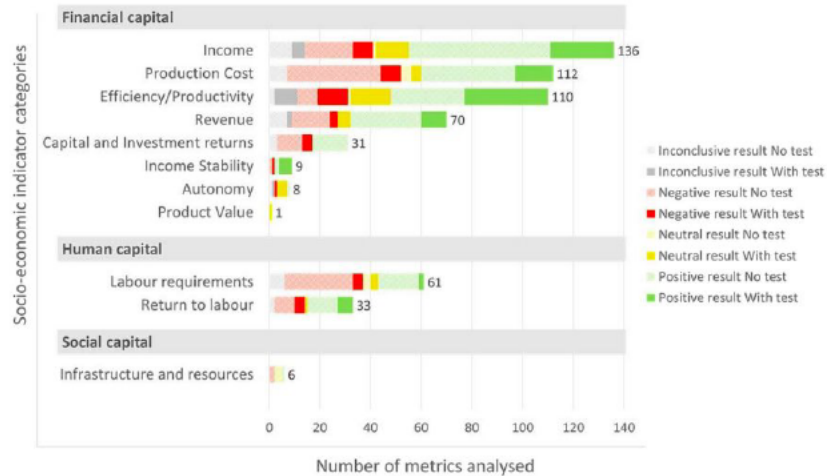
## Research Interfaces



## Horizon Europe Research Project



# Agroecology Europe: co-creating scientific and practical knowledge to support consistent public policies for EU agrifood systems



Mouratiadou, I. & Wezel, A. & Kamilia, Kintan & Marchetti, Angelica & Paracchini, Maria-Luisa & Bàrberi, Paolo. (2024). **The socio-economic performance of agroecology. A review.** Agronomy for Sustainable Development. 44.



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## Chapter One - Agroecological crop protection for sustainable agriculture

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# The 13 principles of Agroecology (HLPE, 2019)

## TRANSFORMATIONAL

### LEVEL 5

Build a new global food system based on participation, localness, fairness and justice

### LEVEL 4

Reconnect consumers and producers through the development of alternative food networks

### LEVEL 3

Redesign agroecosystems

## INCREMENTAL

### LEVEL 2

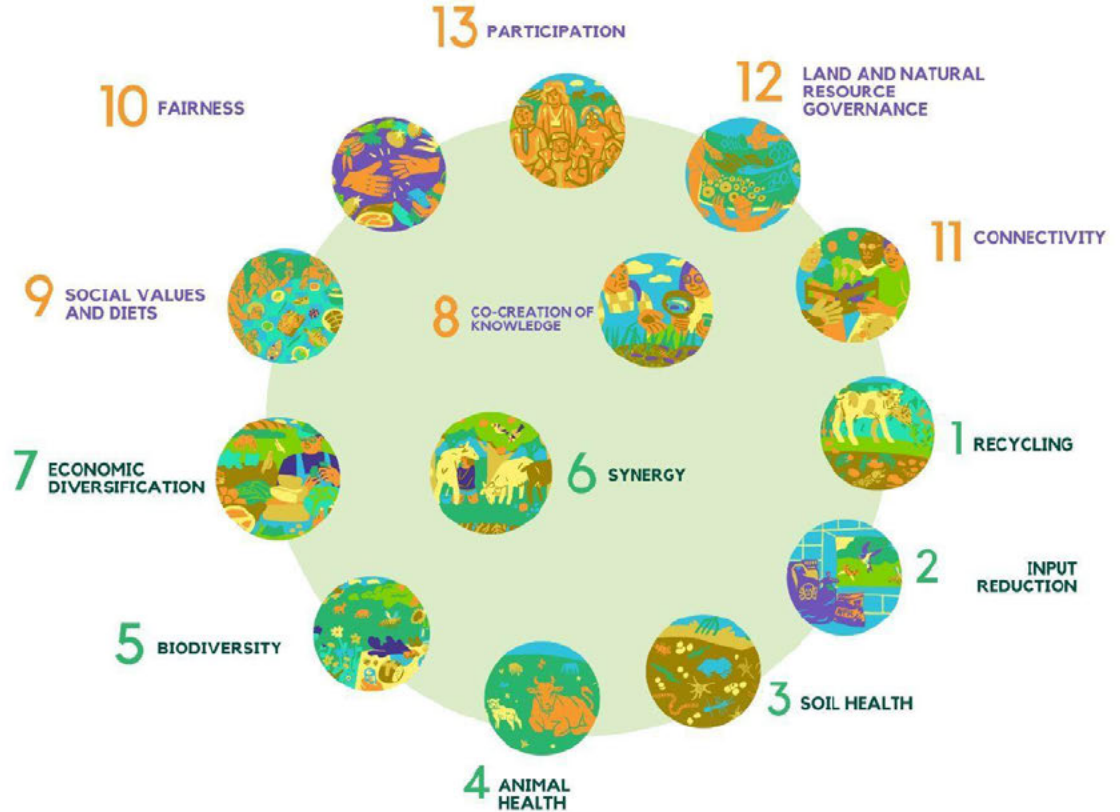
Substitute conventional inputs and practices with agroecological alternatives

### LEVEL 1

Increase efficiency of input use and reduce use of costly, scarce or environmentally damaging inputs

## FOOD SYSTEM

## AGROECOSYSTEM

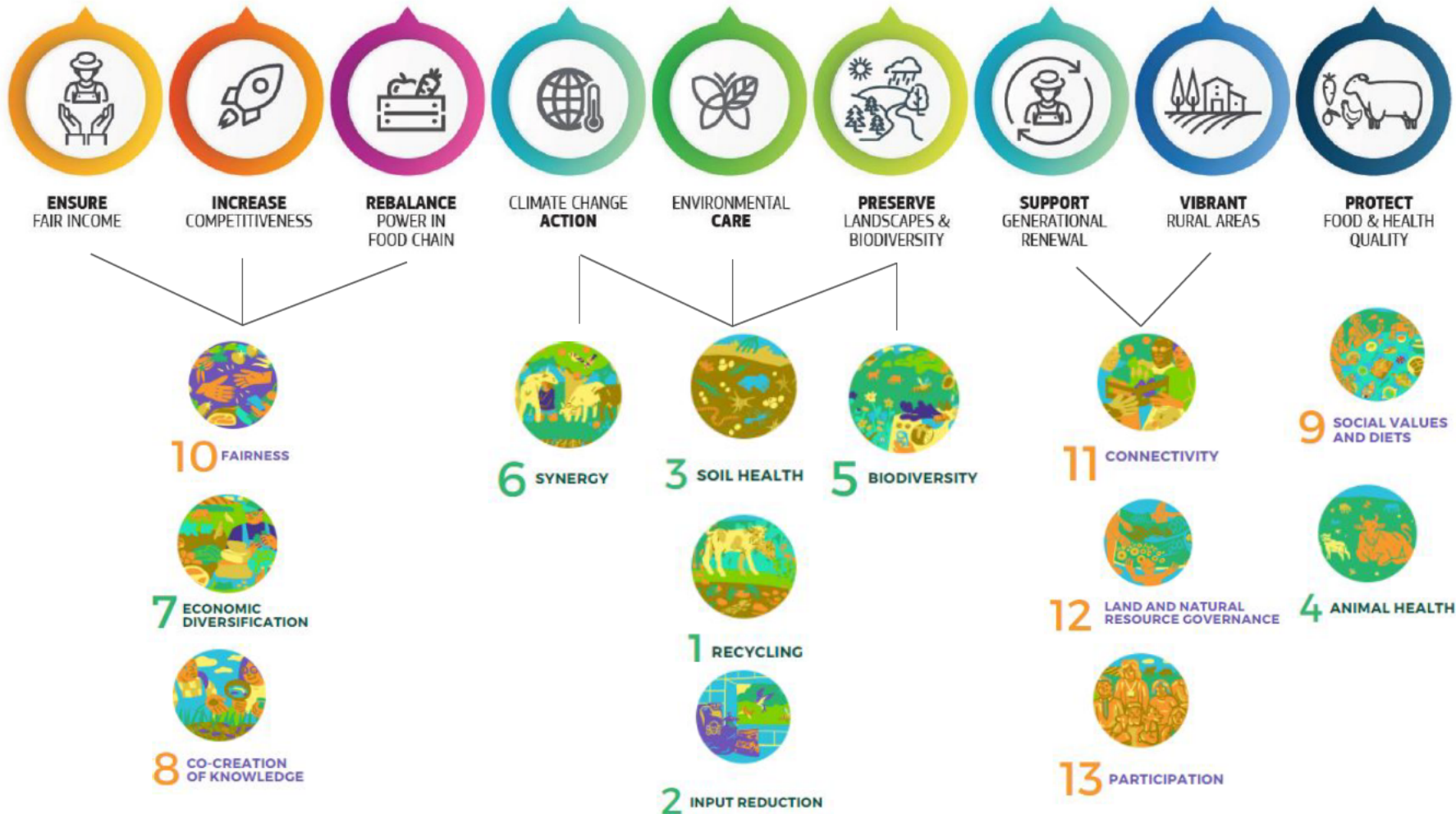


THE FIVE LEVELS OF TRANSITION TOWARDS SUSTAINABLE FOOD SYSTEMS AND THE RELATED 13 PRINCIPLES OF AGROECOLOGY

SOURCE: GLIESSMAN (2007) AND HLPE (2019)



# 13 AGROECOCLOGY PRINCIPLES AND CAP 10 OBJECTIVES



# The need to link on-farm data collection with farm advisory services: a way to empower farmers in their trajectory towards more sustainable practices

## OASIS

THE ORIGINAL AGROECOLOGICAL SURVEY INDICATOR SYSTEM

A simple and comprehensive system for agroecological transition assessment.



Agroecology Europe  
Brussels, 2021

OASIS is one of the first analytical frameworks specifically designed to assess where a farm is on the trajectory of transition towards agroecology.

**DIMENSION 1** - Farming practices

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**DIMENSION 2** - Economic viability

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**DIMENSION 3** - Socio-political aspects

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**DIMENSION 4** - Environment and biodiversity

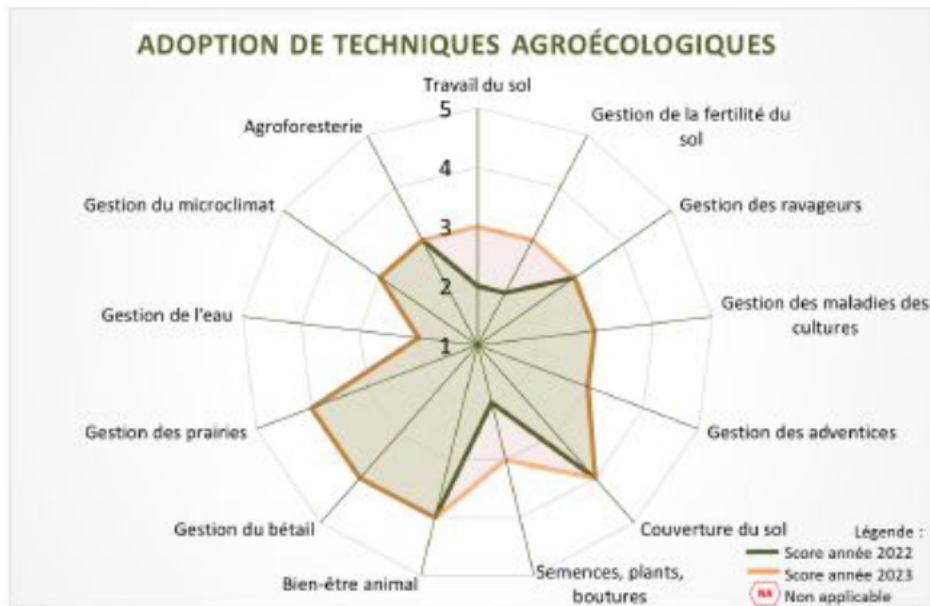
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**DIMENSION 5** - Resilience

<b>1</b>	<b>AGROECOLOGICAL FARMING PRACTICES</b>
	Crops
	Animals and grasslands
	Natural resources and agroforestry
<b>2</b>	<b>ECONOMIC VIABILITY</b>
	Production costs
	Income
	Revenue
<b>3</b>	<b>SOCIO-POLITICAL ASPECTS</b>
	Labour conditions and job creation
	Cooperation and networks
	Local culture and knowledge
	Quality of life
	Farm viability
<b>4</b>	<b>ENVIRONMENT AND BIODIVERSITY</b>
	Environmental impact
	Biodiversity impact
<b>5</b>	<b>RESILIENCE</b>
	Climate resilience
	Economic resilience



**Example: the Belgian Association “Terres Vivantes” is providing individual and group advisory service and using the OASIS indicator system to accompany the agroecological transition**



<https://oasis.agroecology-europe.org/>

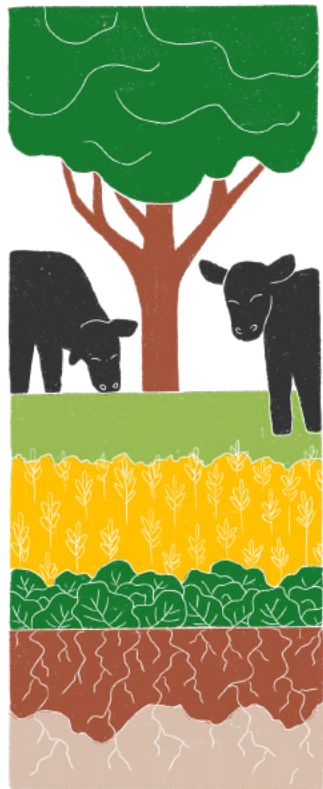
## Suggestion of additional indicator linked to context indicator **C.17:** Agricultural holdings (farms)



### **crop diversification index and agrobiodiversity index :**

Average number of crops (ex: per 10 ha)  
and agglomerate data at regional and  
national levels

# The need to connect farm-level indicators with landscape level



- Landscape resilience e.g. indicator - coefficient of ecological stability (structure and proportion and quality of forests, protected water bodies, pastures etc.)
- Ecological networks connectivity and % of management plans for protected areas co-designed and co-implemented with farmers and forest owners
- The share of agricultural land with high-diversity landscape features
- The grassland butterfly index
- Pollinator Index
- The stock of organic carbon in cropland mineral soil
- Farmland birds index (FBI)



**Thank you for  
your attention!**

