

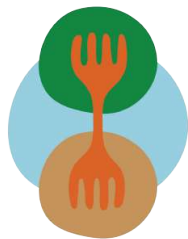
EUfarms

ORGANIC IDEA – Multicriteria evaluation of European farms in organic agroecology
Collective restitution - 08/25/2025



Round table and presentations





EUfarms : European Network of Certified Organic Farms in Agroecology

**Create and
facilitate a French
and European
network**



**of large model
farms that are
innovative**



**collaborative,
and committed
to learning**



**and sharing
agroecological
practices.**





Project launch

Multi-criteria assessments of 30 farms in the EUfarms network in France and Europe



Participate in lobbying efforts and influence agricultural policy



Support for strategic thinking for farms



Share results at agroecology events (Agroecology Europe...)



Develop a farmer-researcher collective



Educational tool (Eufarms+ project)

Carasso
Daniel & Nina

DOMORROW
 **le poids
du vivant**

AgroParisTech  | université
PARIS-SACLAY



The IDEA 4 method

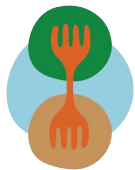
4th version of the IDEA evaluation method, published in 2023 by INRAE.

IDEA 4 is “an evaluation method for the sustainability of farms. It is directly applicable to the main farming systems in mainland France and more broadly in Europe: arable crops, livestock, market gardening, viticulture, arboriculture, etc.”

More than 1000 evaluations already carried out mainly in France but also in Europe

Designed by a scientific council of researchers from many institutes:





Why IDEA 4 ?

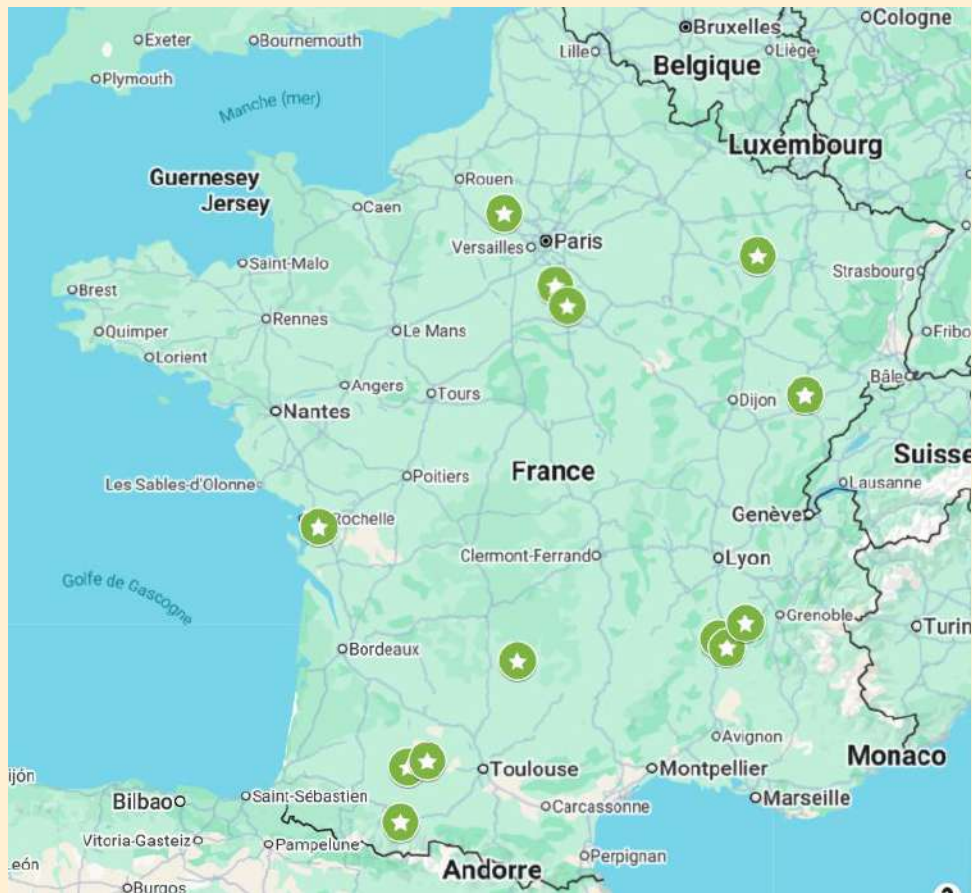
- Scientifically solid referencing and long-standing development of the method ;
- Precise and quantified data collection: accounting documents from the last 3 years, CAP documents, invoices...
- WEB-IDEA platform and access to a results comparison database
- Wide range of themes assessed

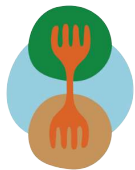


<https://methode-idea.org/>



The farms

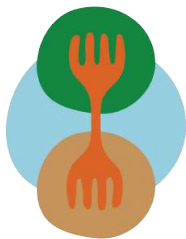




The farms

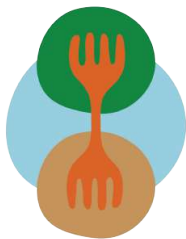


Illustration : Joséphine Delage



Sample identification card





National data

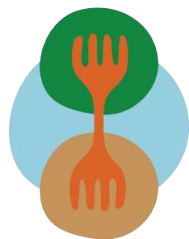
Data for 2023 :

- Average UAA = 93 ha
- Average AWU = 2.16/farm
- Average LSU = 151/farm

Strong reduction in farms between 25 ha and 125 ha in France in favour of farms over 200 ha.



Source : *L'agrandissement des exploitations se poursuit depuis 2020 (correctif)* | Agreste, la statistique agricole. (s. d.).
Consulted on the 20th of August 2025, at <https://agreste.agriculture.gouv.fr/agreste-web/disaron/Pri2502/detail/>



Sample comparison

	EUfarms	IDEA_mini_30	IDEA_mini_30_orga	IDEA_mini_30_nonorga
Number of farms	13	914	292	622
UAA (ha)	162	142	129	148
AWU	6,00	4,98	5,44	4,76
Operating capital	517 350 €	857 805 €	600 949 €	978 030 €
GOS	128 857 €	154 509 €	123 086 €	169 261 €
Share of PG in the UAA (%)	24,00%	37,79%	35,41%	38,91%

GOS = Gross Operating Surplus, what the farm's activity generates regardless of what it costs/brings in its funding



EUfarms farms



IDEA data
At least 30 ha
All years

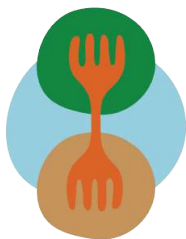


IDEA data
At least 30 ha
All years
Organic



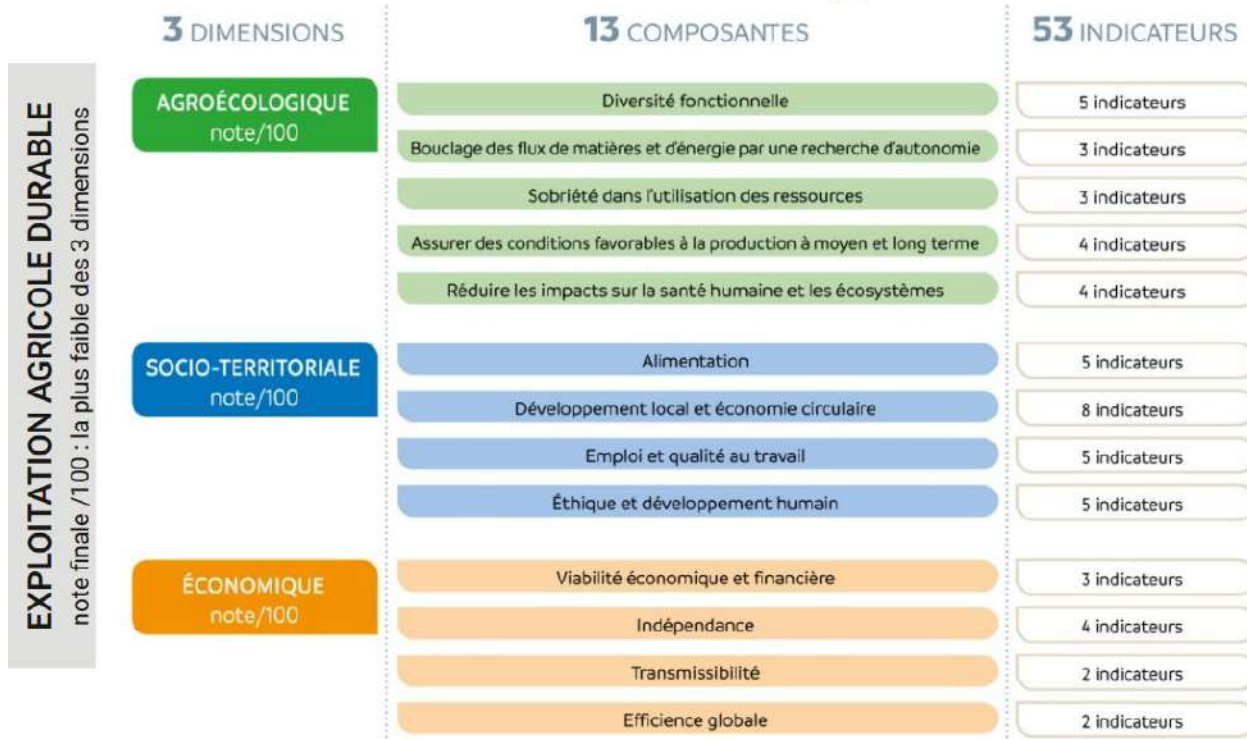
IDEA data
At least 30 ha
All years
Non organic

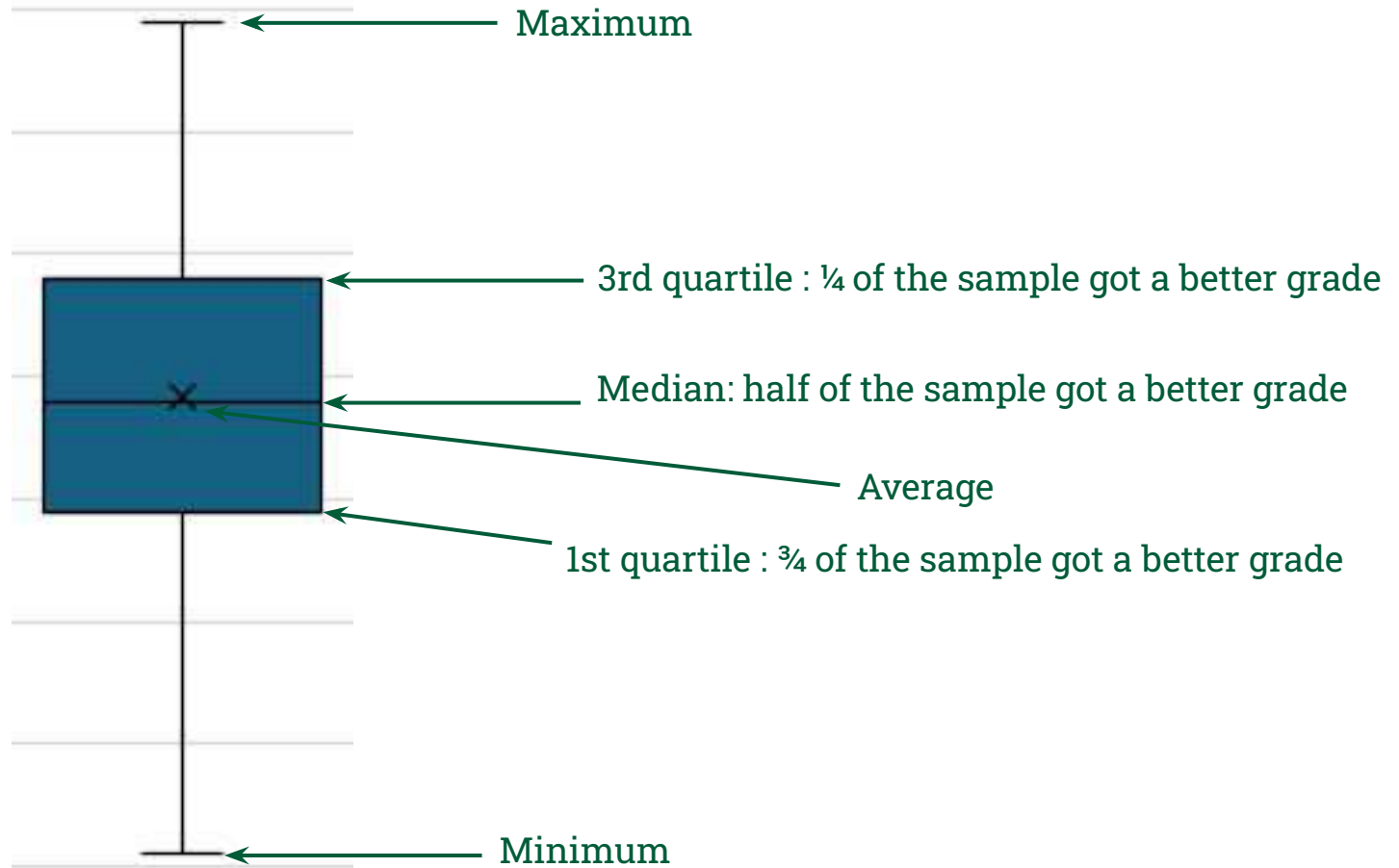
Data base available on the [WEB-IDEA platform](#)

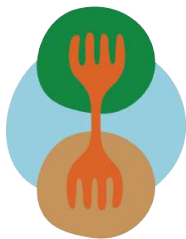


The dimension approach

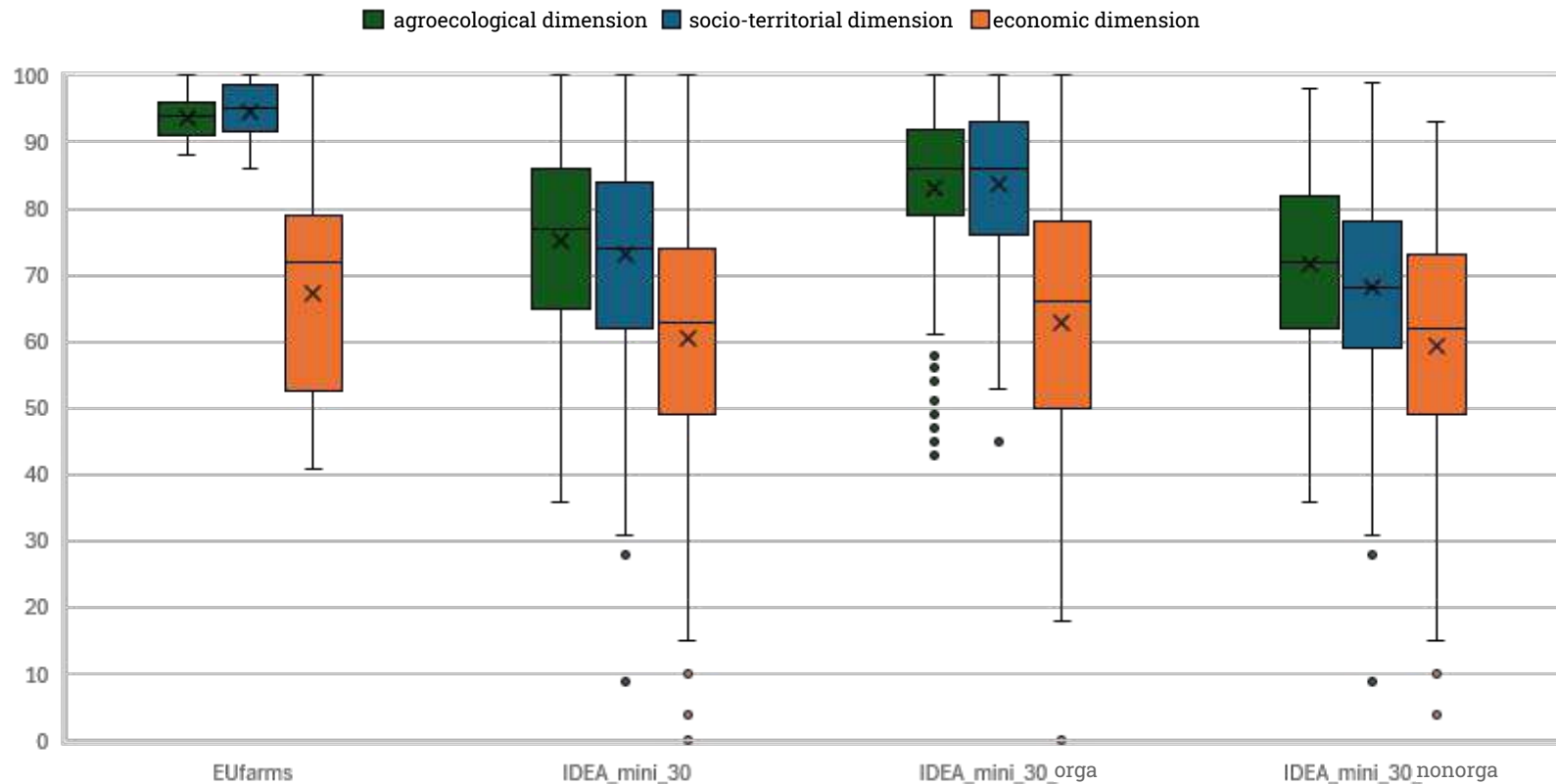
Selon les **3 dimensions** du développement durable

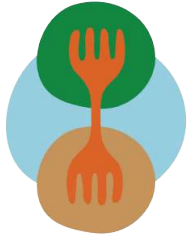




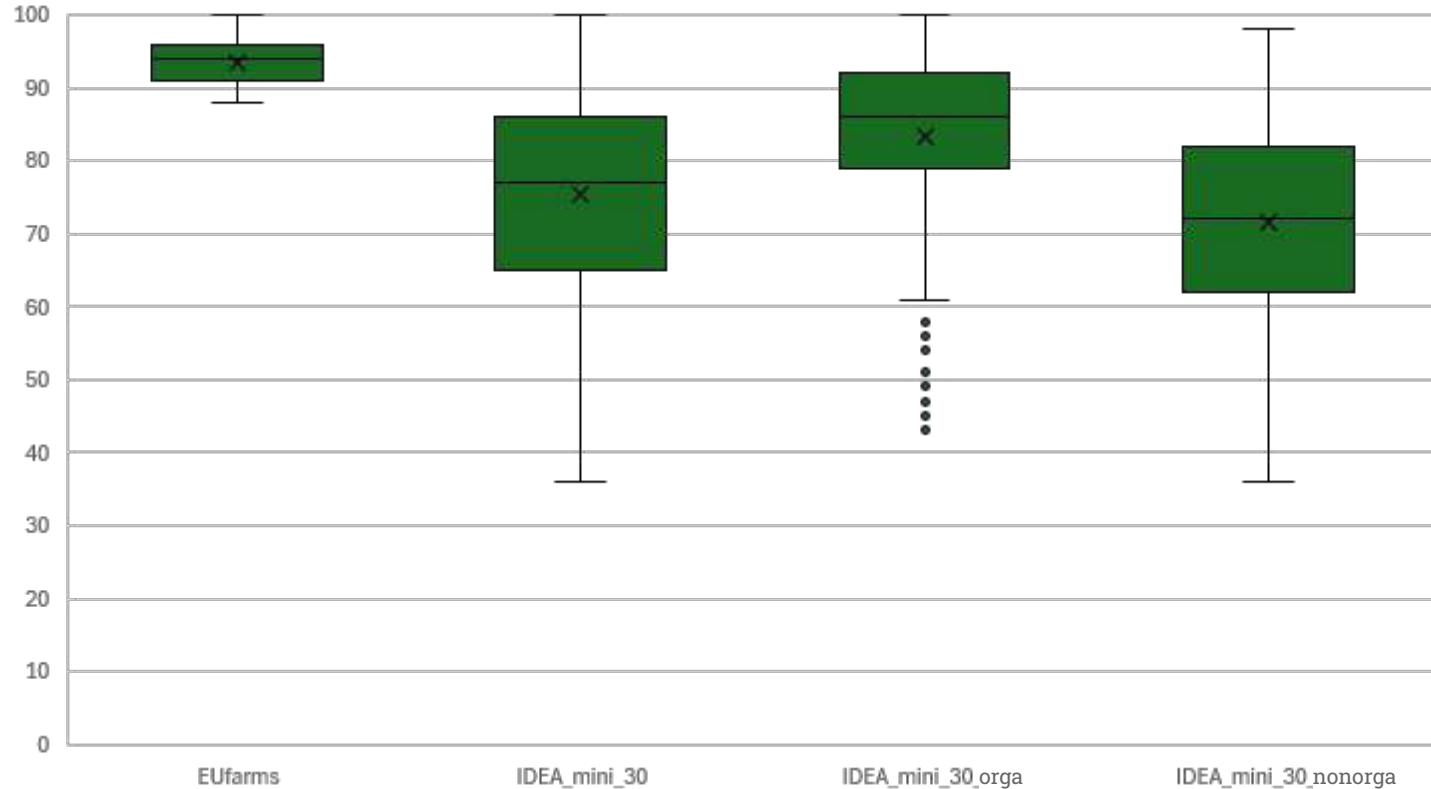


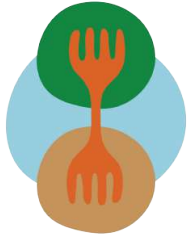
The dimension approach



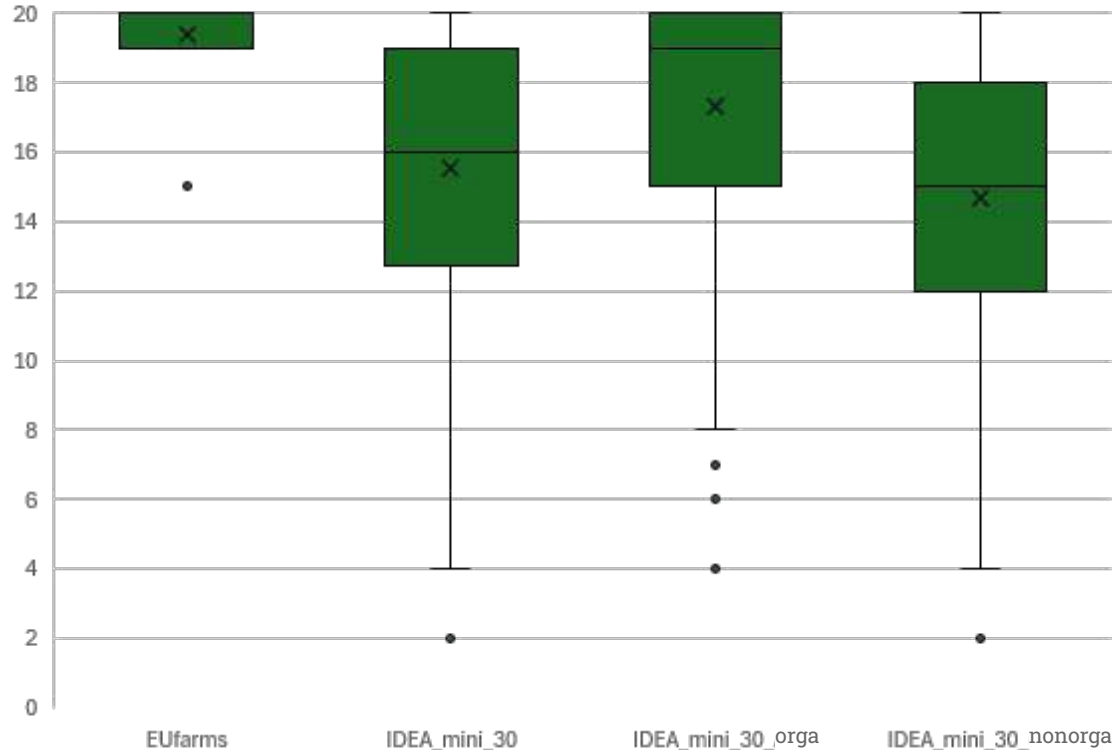


The agroecological dimension

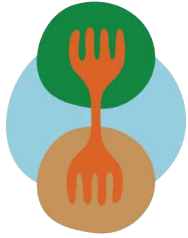




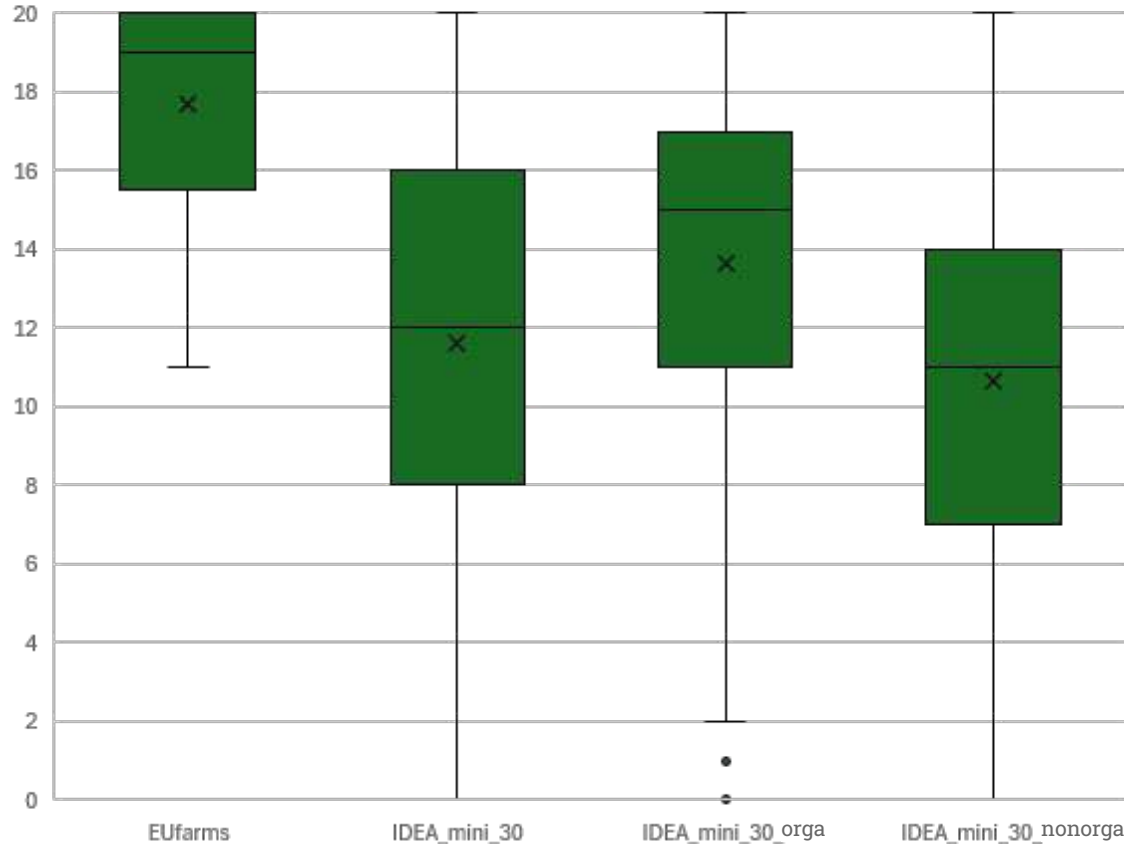
Functional diversity



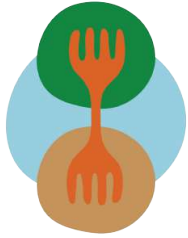
- Diversity of cultivated species
- Genetic diversity
- Temporal diversity of cultures
- Quality of the spatial organization
- Management of pollinating insects and crop auxiliaries



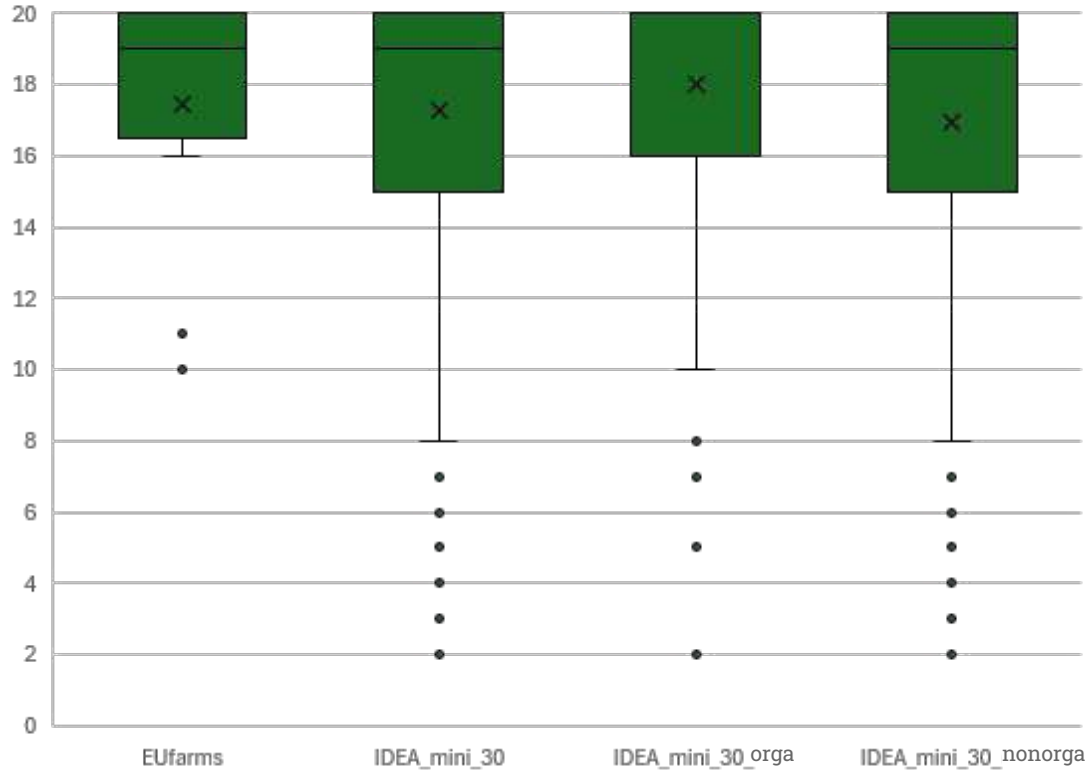
Looping of material and energy flows through a search for autonomy



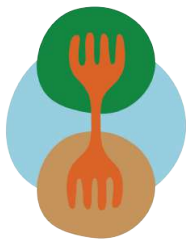
- Autonomy in energy, materials, equipment, seeds and plants
- Feed autonomy of livestock farming
- Nitrogen autonomy of crops



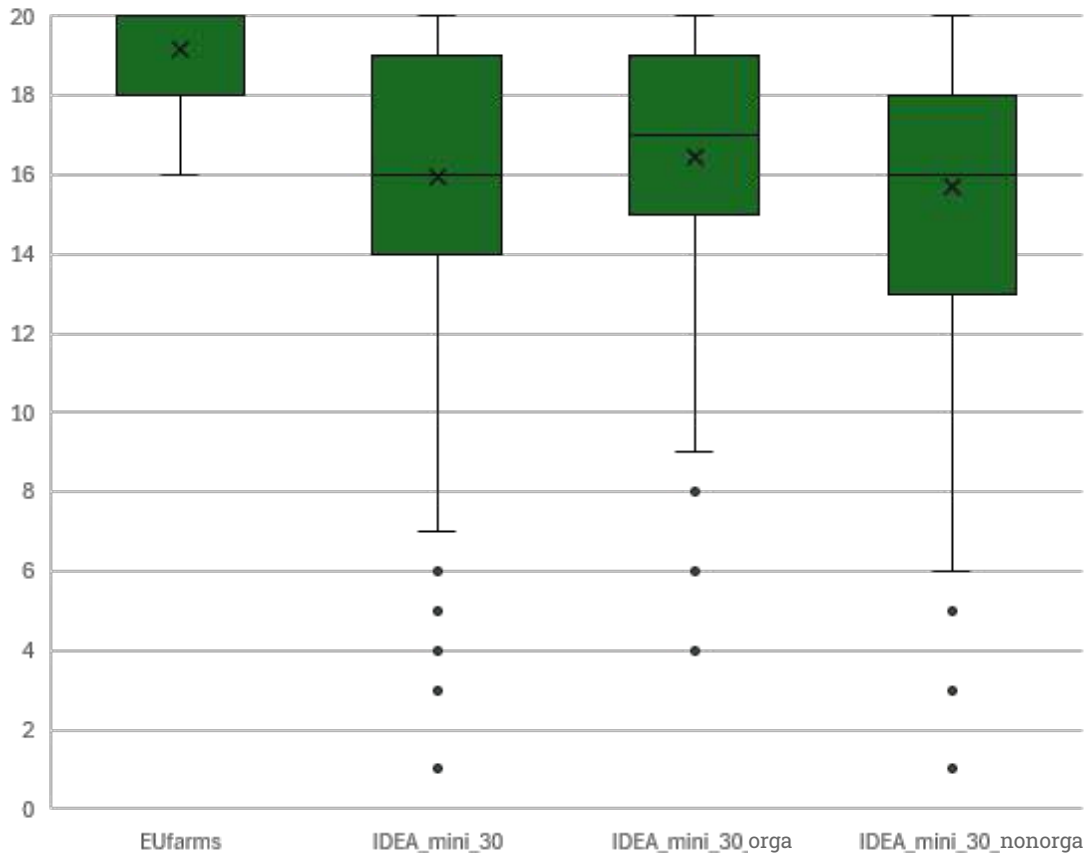
Sobriety in the use of resources



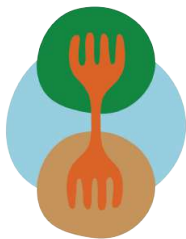
- Sobriety in the use of water and sharing of the resource
- Sobriety in the use of phosphorus
- Sobriety in energy consumption



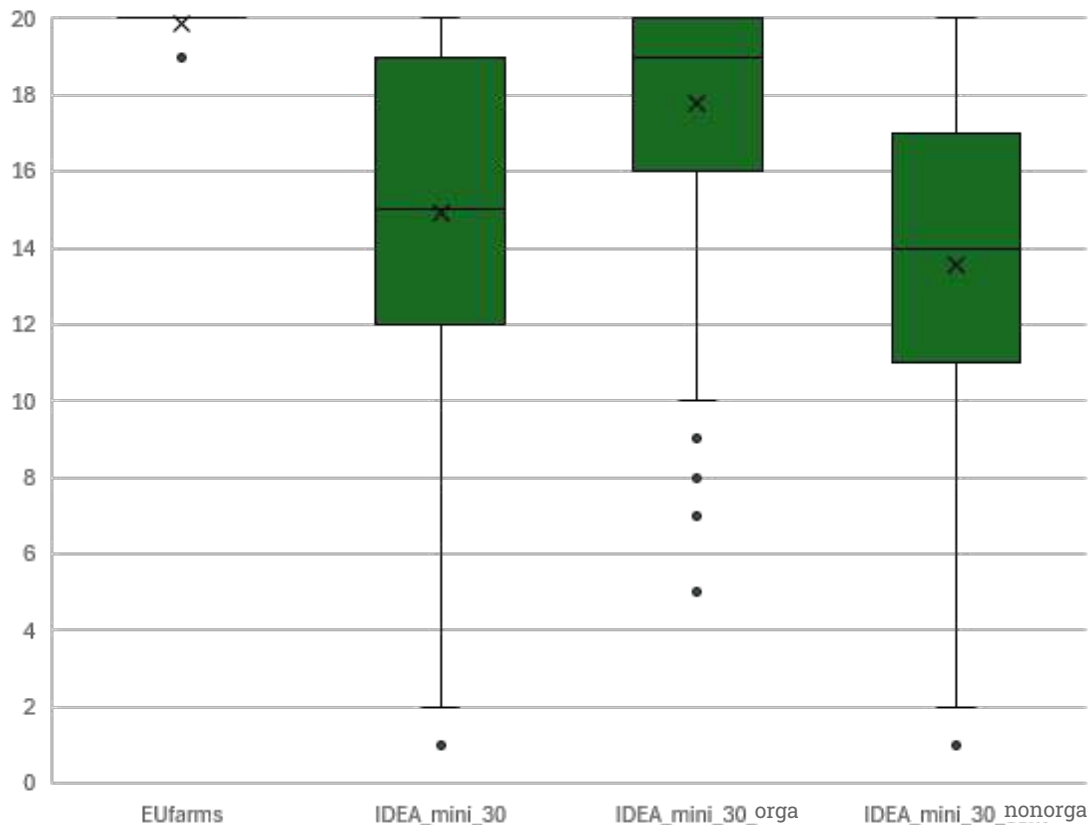
Ensure favorable conditions for production



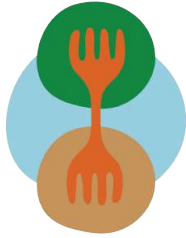
- Rationalize water use
- Encourage soil fertility
- Maintain the effectiveness of crop and animal sanitary protection
- Secure the availability of production means



Reduce the impact on human health and ecosystems



- Reduction of the impact of practices on water quality
- Reduction of the impact of practices on air quality
- Mitigation of the effect of practices on climate change
- Reduction in the use of phytosanitary products and veterinary treatments



A high-performance and homogeneous agroecological model



High environmental performance regardless of the Farming Typology



Agricultural practices integrated into local agroecosystems

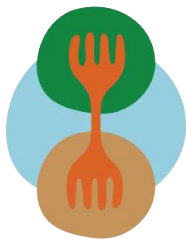


Complementarity of production units and synergies

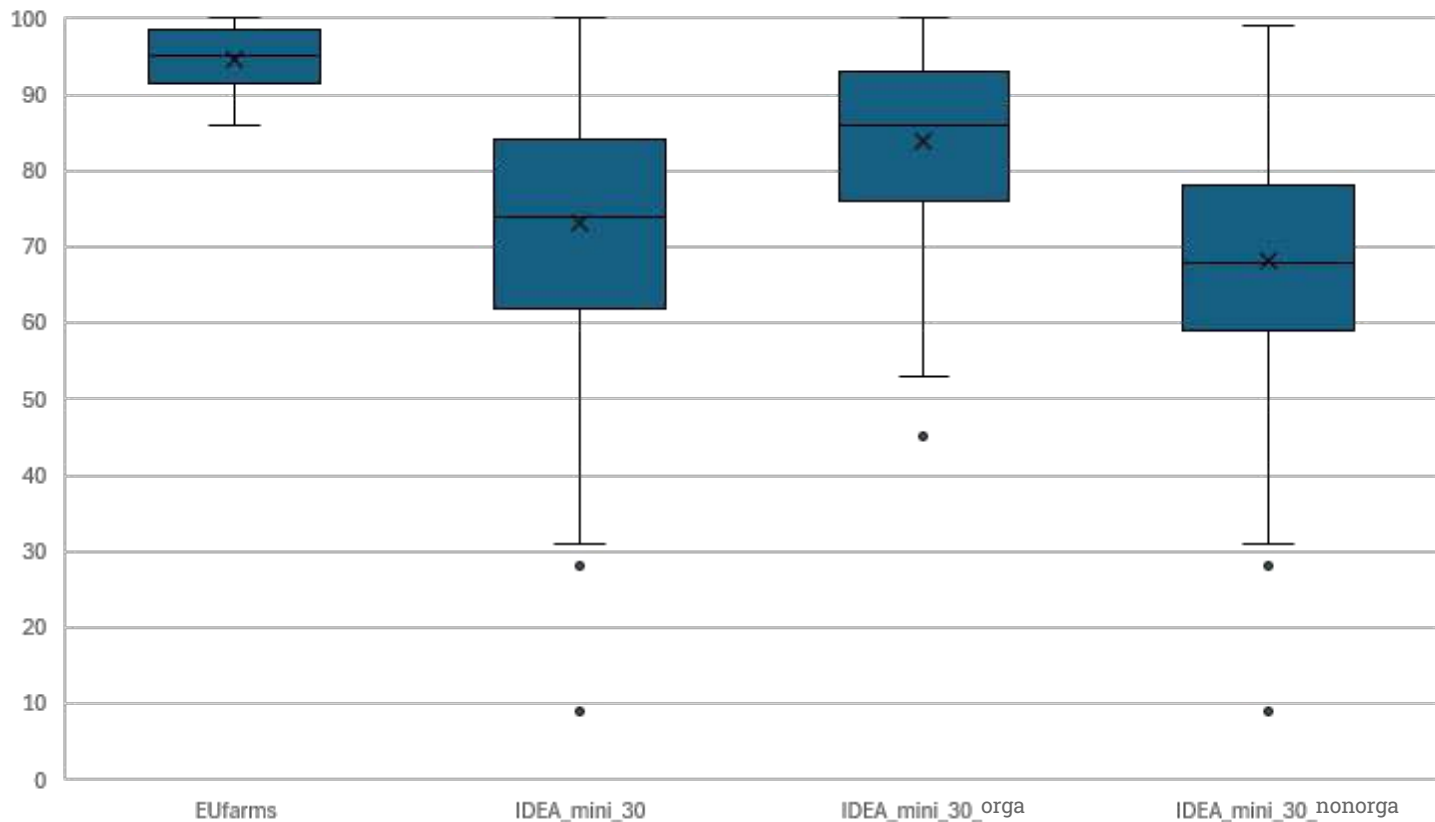


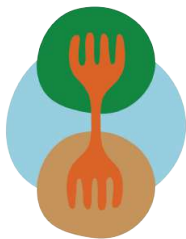
A prime example facing global issues



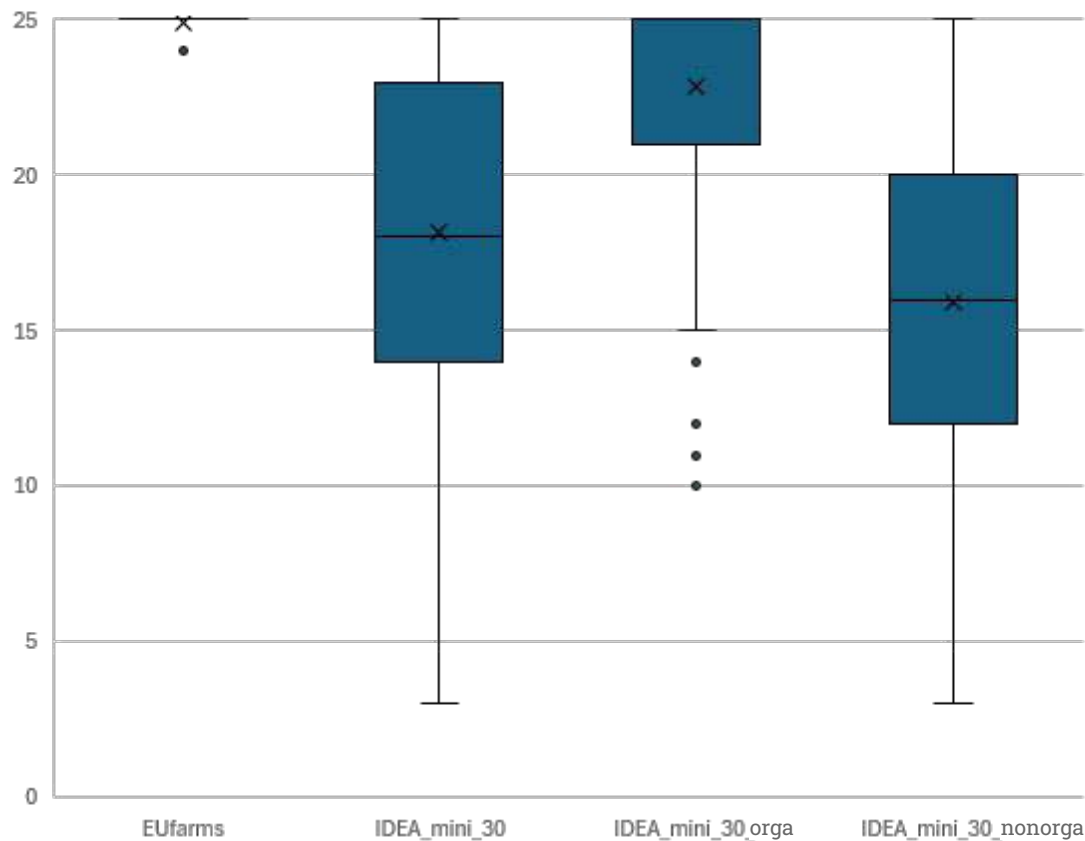


Socio-territorial dimension

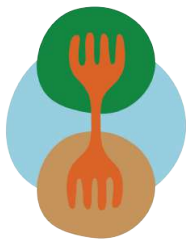




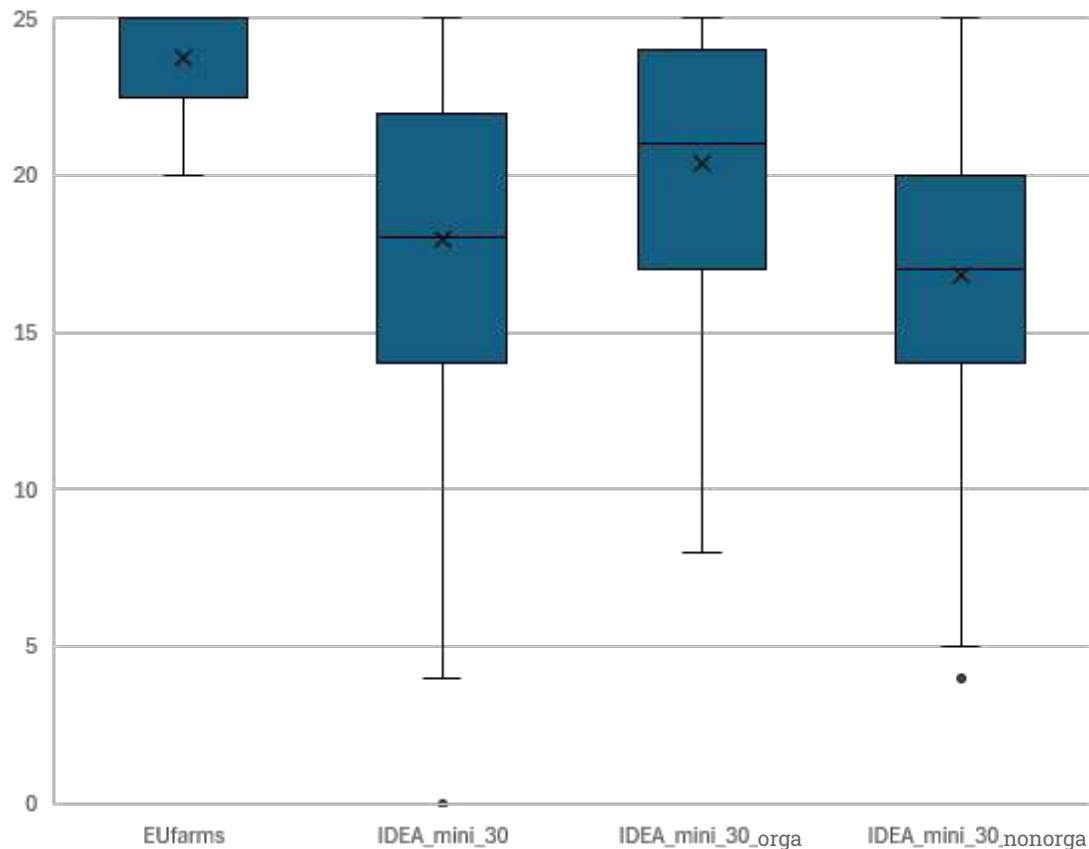
Food



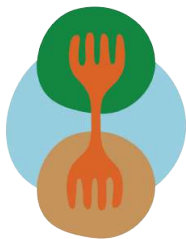
- Food production of the agricultural holding
- Contribution to global food balance
- Quality approach to food production
- Limitation of losses and waste
- Social, hedonic and cultural links to food



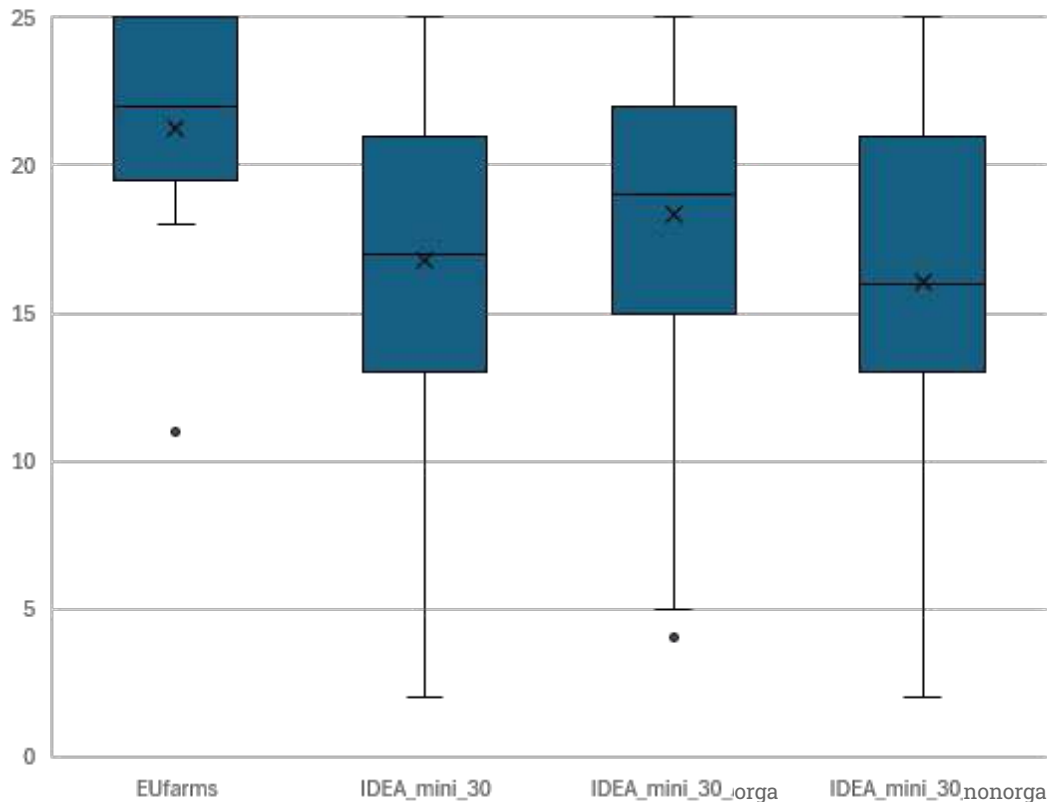
Development and circular economy



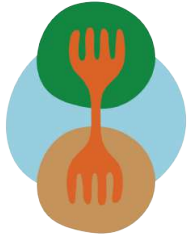
- Commitment to contractualized and territorial environmental approaches
- Provision of commercial services to the territory
- Valorization through short or local circuits
- Valorization of local resources
- Enhancement and quality of heritage: buildings, landscape, genetics and local knowledge
- Accessibility of the space
- Management of non-organic waste
- Innovation networks and equipment sharing



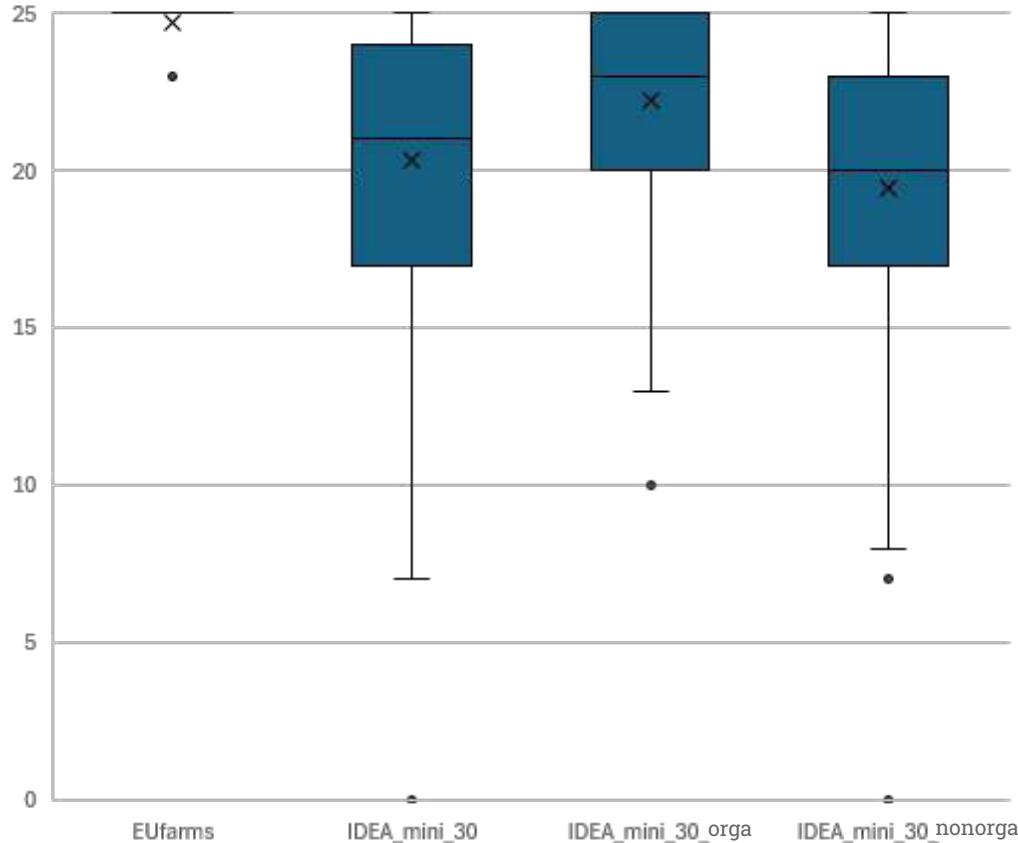
Employment and quality at work



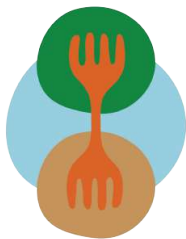
- Contribution to employment and employee management
- Mutualization of work
- Intensity and quality at work
- Reception, hygiene and safety at work
- Training



Ethics and human development



- Territorial social involvement and solidarity
- Transparency approach
- Quality of life
- Remoteness
- Animal welfare



A social model for the farms of tomorrow



Strong and essential territorial anchorage at the farm



Respect for the humans who work at and with the farm

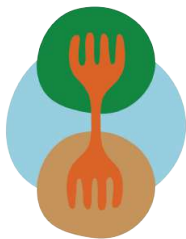


Committed, innovative and inspiring farms

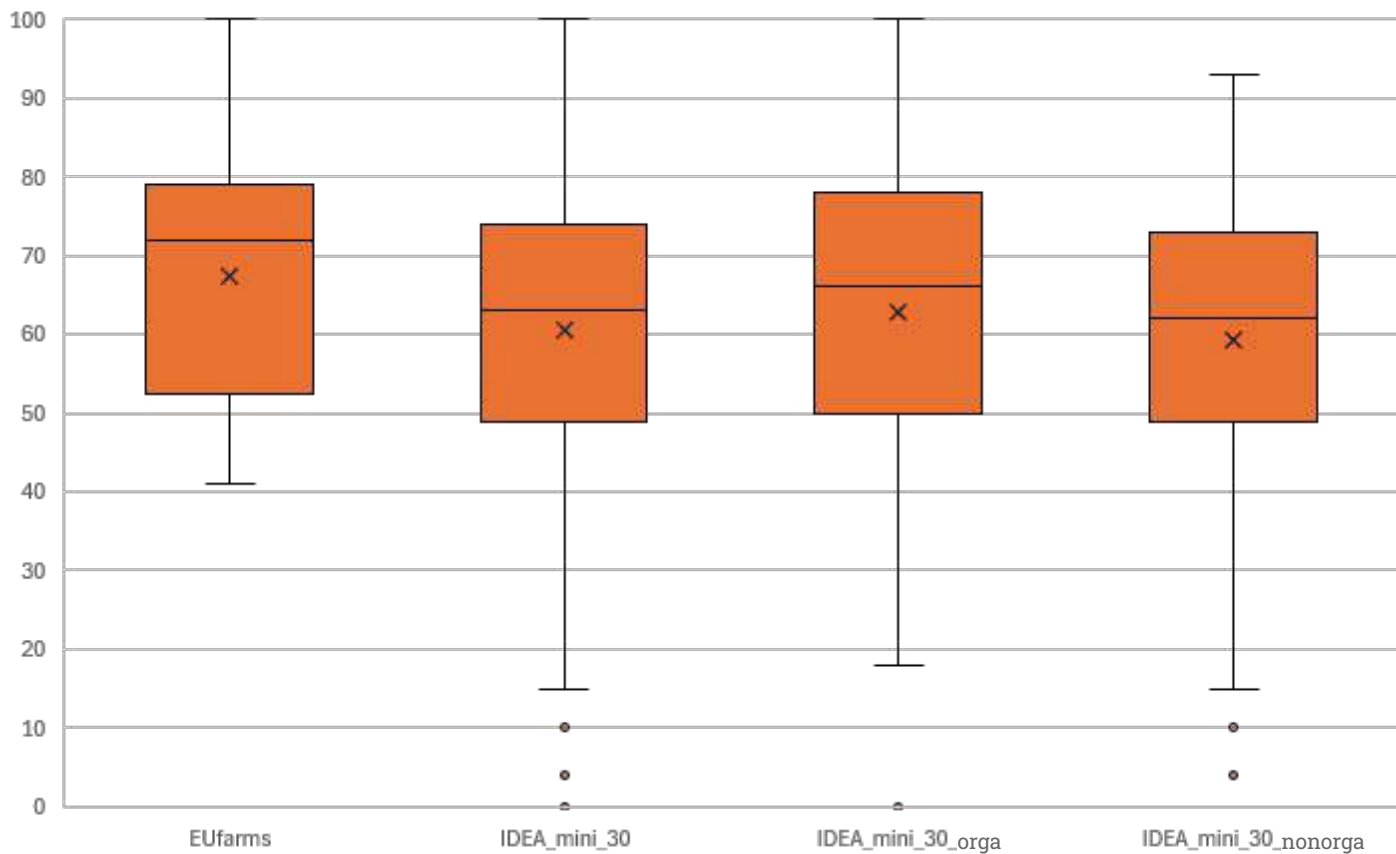


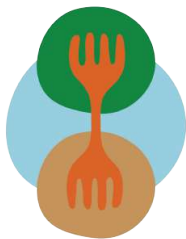
A job-generating and quality-at-work model



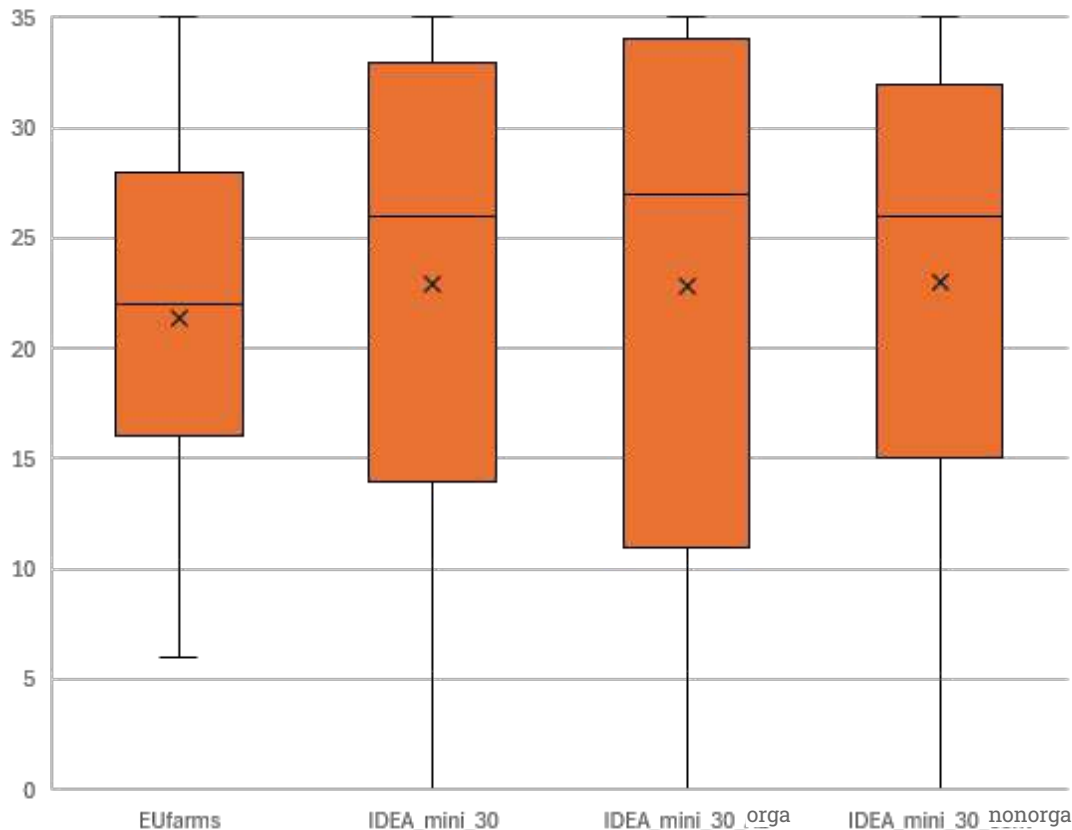


Economic dimension

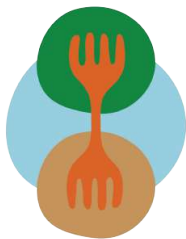




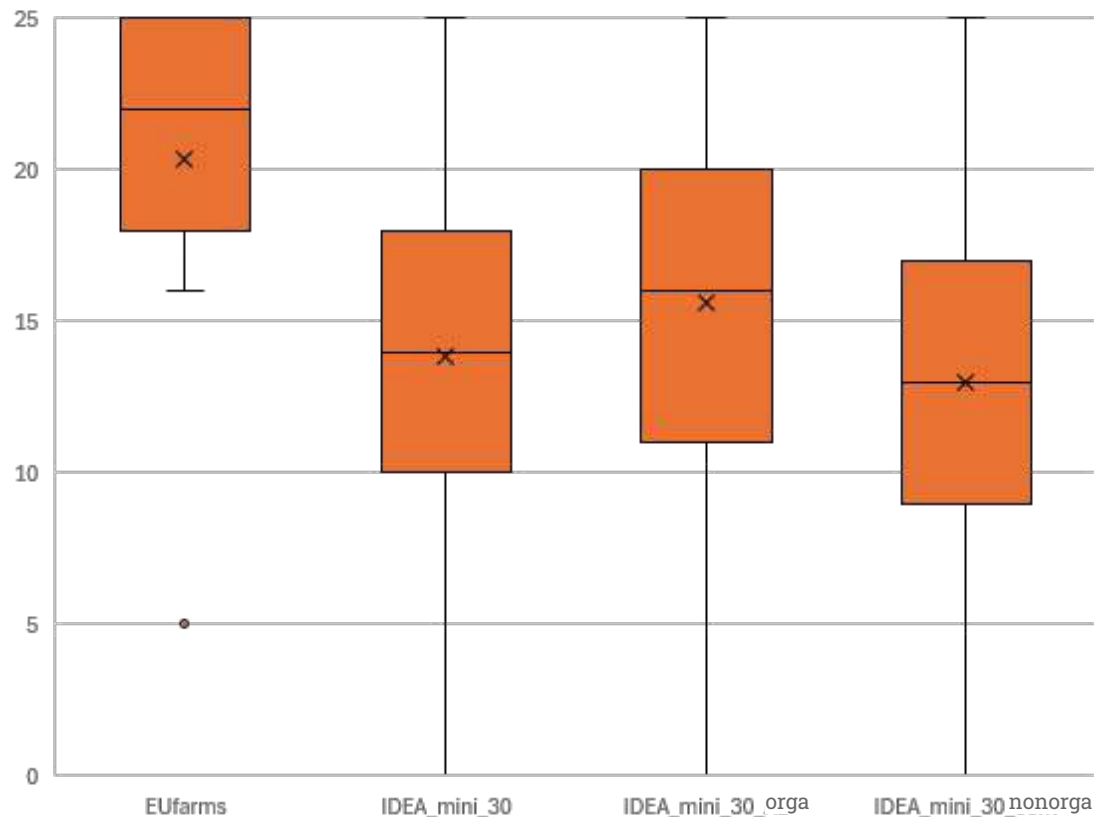
Economic and financial viability



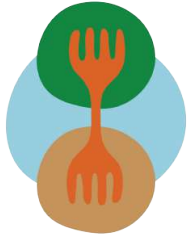
- Economic capacity
- Repayment capacity
- Structural debt ratio



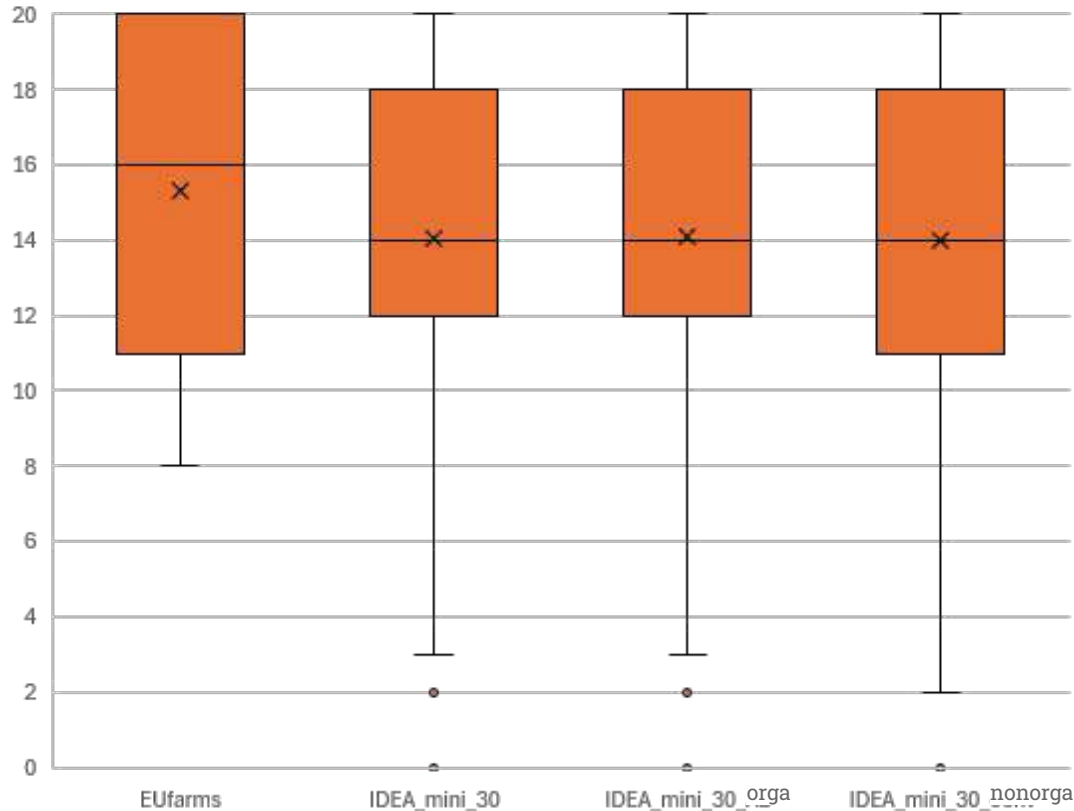
Independence



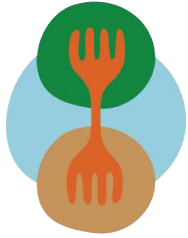
- Productive diversification
- Diversification and contractual relations
- Sensitivity to production aid
- Contribution of external income to farm independence



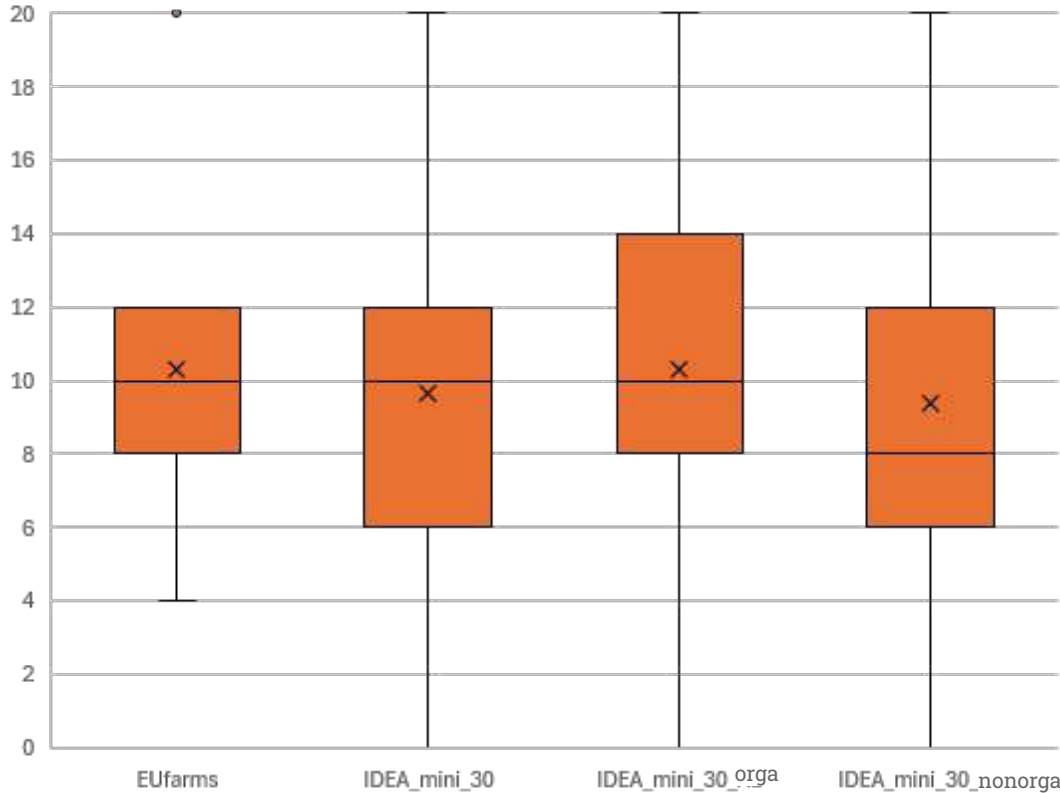
Transmissibility



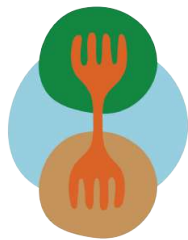
- Economic transmissibility
- Probable sustainability



Global efficiency



- Gross efficiency of the productive process
- Sobriety in inputs in the productive process



Heterogeneous economic performance similar to the references



Economic performance broadly similar to the reference sample



Very diverse business models

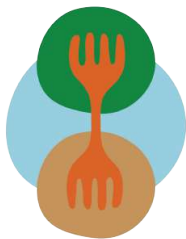


Independent and autonomous farms



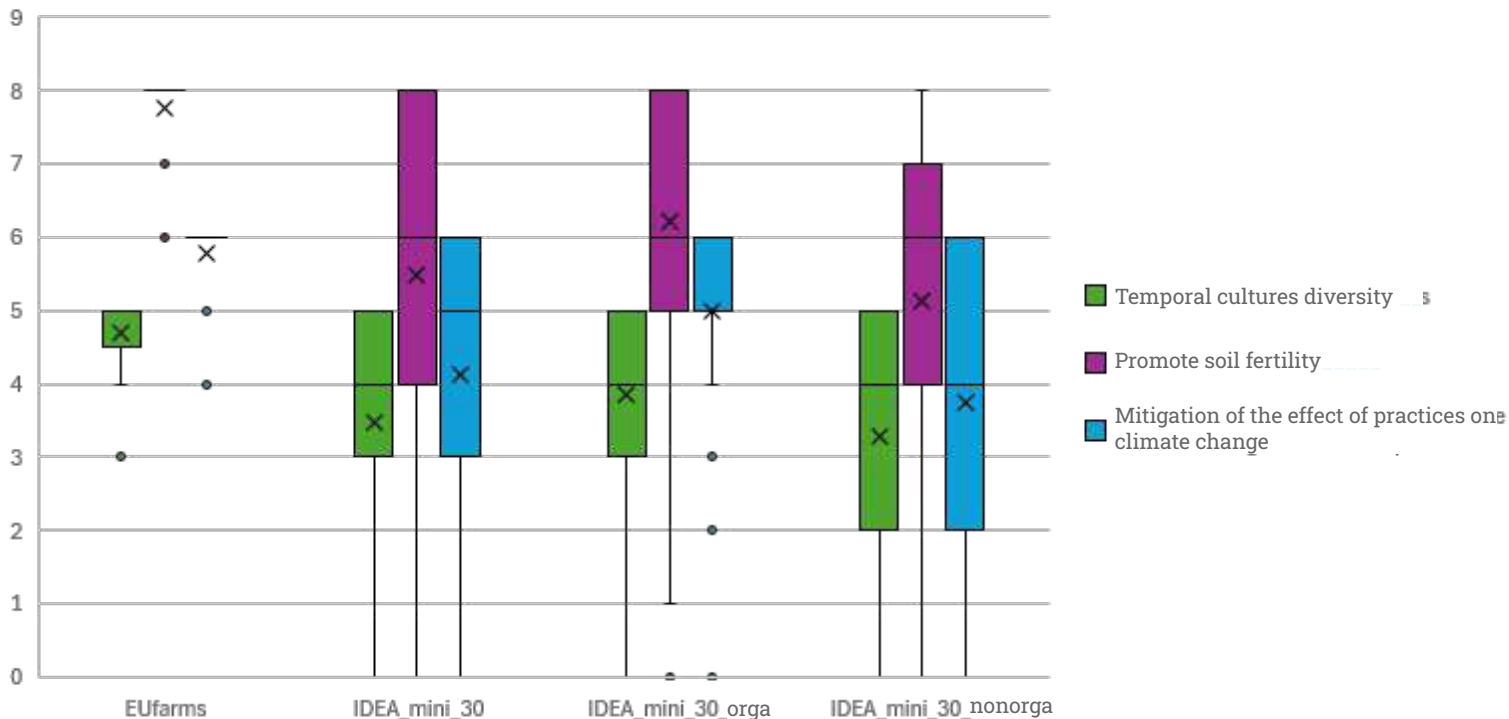
A transmissible and desirable business model

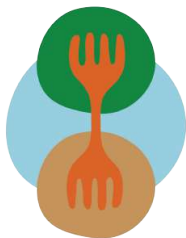




Zoom : the regenerative

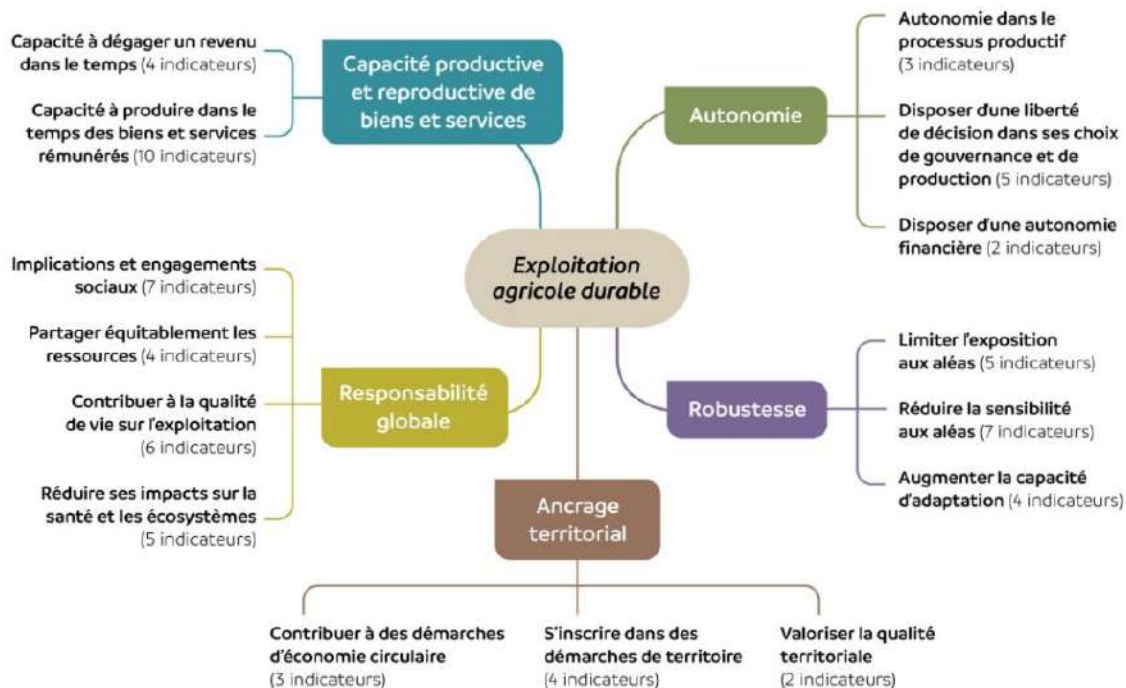
Comparison of 3 indicators (Zoom on the regenerative)

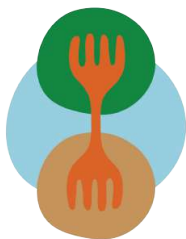




The approach by properties

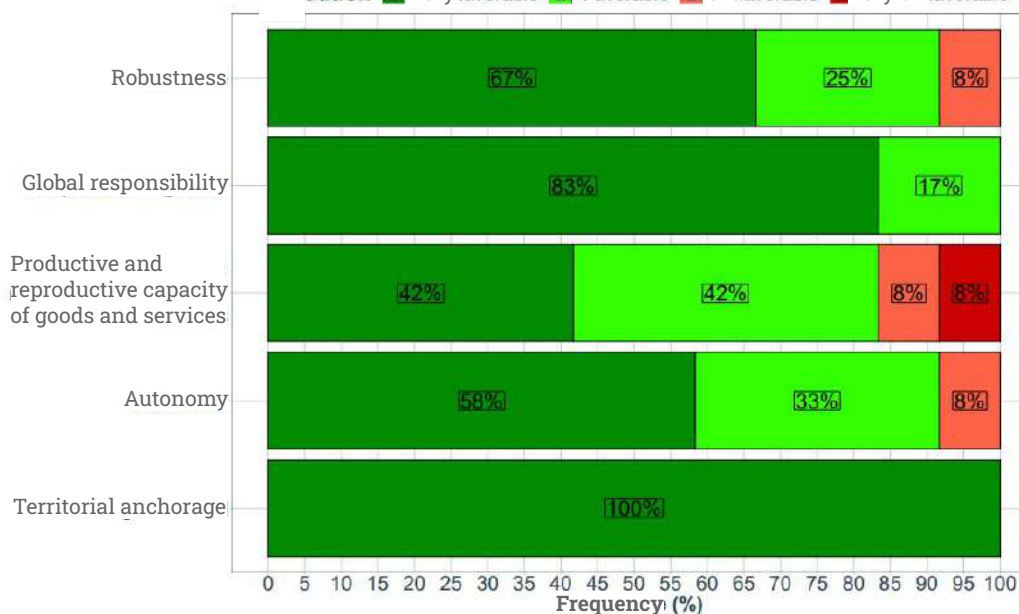
Selon les **5 propriétés** des systèmes agricoles durables





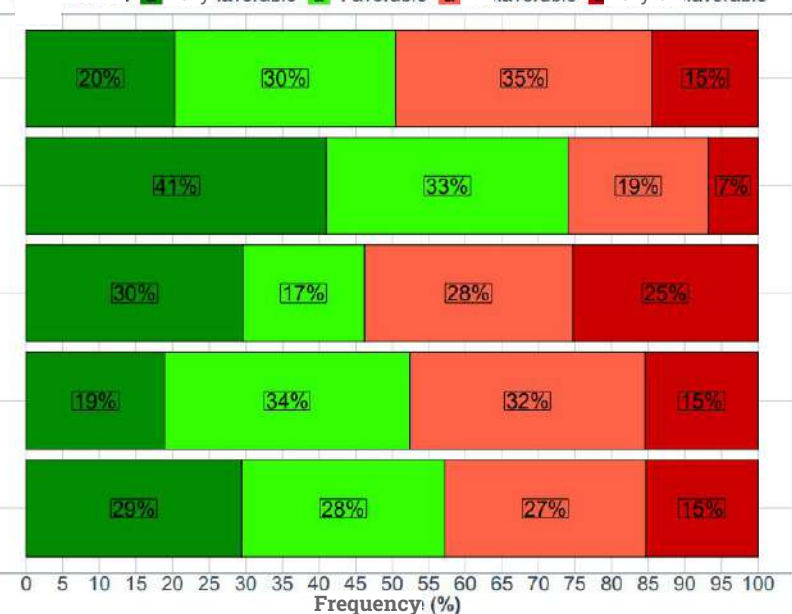
The approach by properties

Evaluation: ■ Very favorable ■ Favorable ■ Unfavorable ■ Very unfavorable



EUfarms farms

Evaluation: ■ Very favorable ■ Favorable ■ Unfavorable ■ Very unfavorable

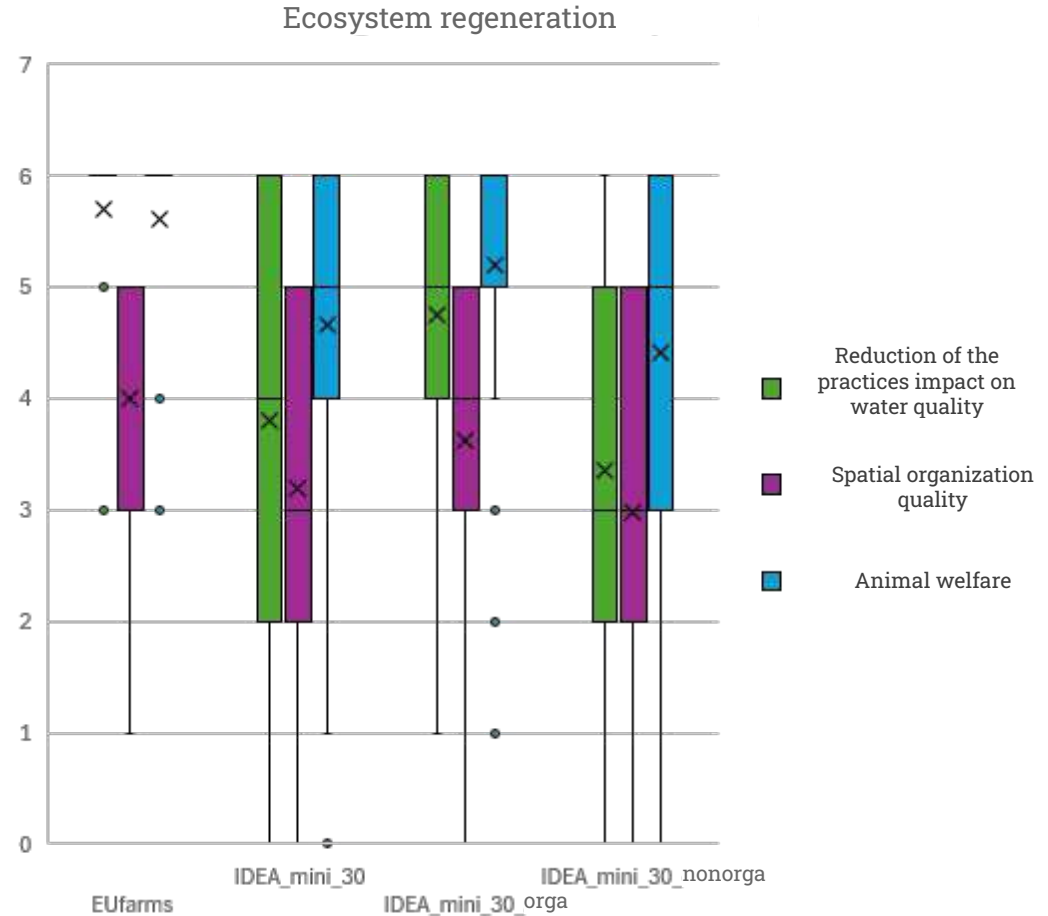


IDEA data
At least 30 ha
All years



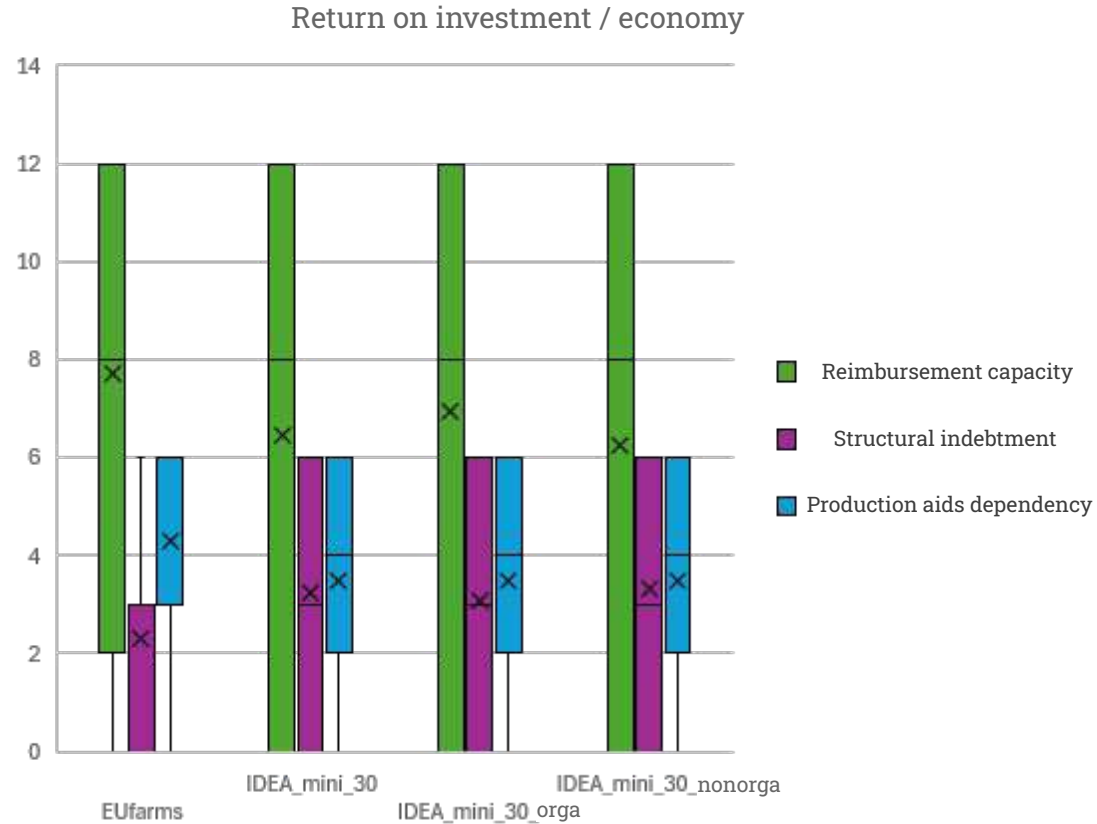
Ecosystem regeneration

Water (regenerative hydrology),
Biodiversity (crop and breed
diversity, AEI, landscape mosaic)
Agroforestry, Soil regeneration
(SCA, soil cover), **Climat** (GHG),
**Free-range breeding, Animal
welfare**



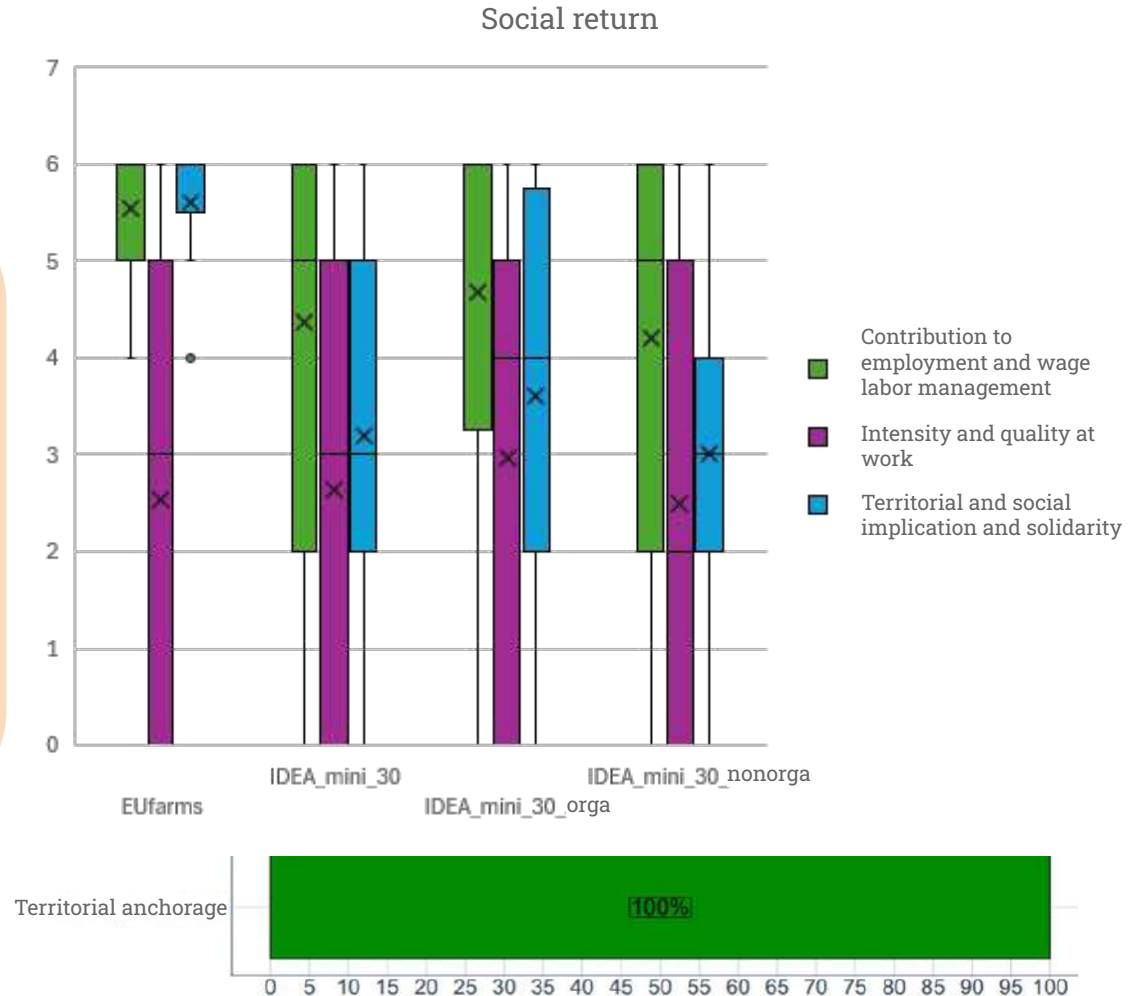
Return on investment / economy

Remuneration (added value,
transformation, diversification),
**Indebtedness, Independence from
aid, Transferability, Innovative
legal and social organizations**
(governance, multi-membership...)



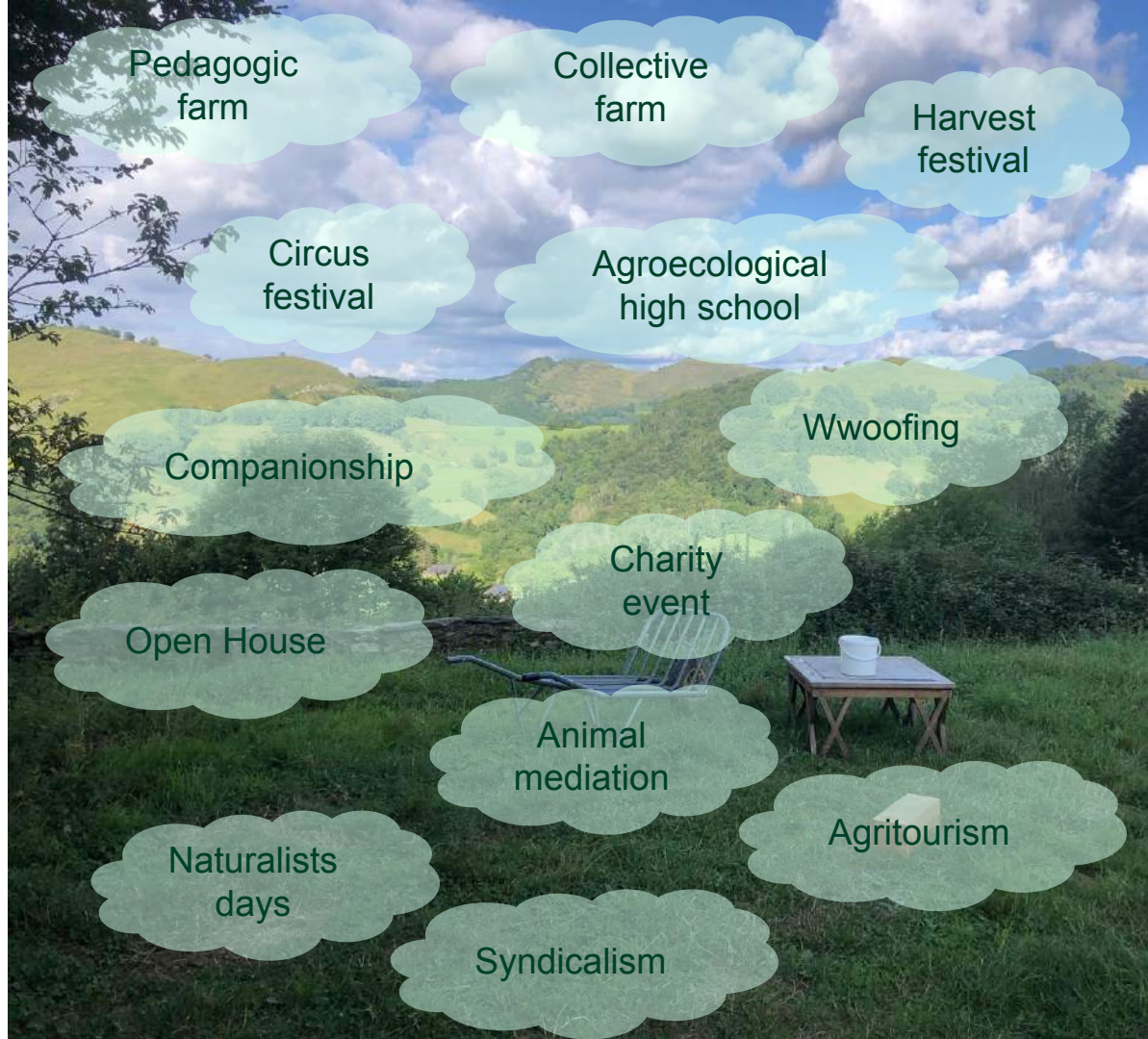
Social return

Job creation, Inclusion of women, Territorial integration
(local sales, feeding the territory), **Well-being at work, SSE** (young people, social integration, disability)



Inspiration return

Sharing, Reception,
Transmission, Passion,
Training, Pride, Exchange,
Living environment





Discussion

- Reduced sample (13 farms): study must be continued
- Already better performing reference data (sampling bias)
- Representative years or not, difficult context for the bio
- Rater bias (only 1 rater)
- Threshold effect, method threshold are they suitable for farms with processing unit?
- No consideration of farms smaller than 30 ha



Conclusion

Very positive results for the **organic agroecology model!**

- Results significantly higher than the reference samples on the agroecological and socio-territorial dimensions
- Equivalent or slightly higher results on the economic dimension
- Excellent results on the property-based approach

A rich panorama of **diversified** and **organic** farms, as a model for the farms of tomorrow!





THANK YOU!

If you have questions :

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