

Supplementary material-Questionnaire

1. What is the importance of the following sales channels for agri-food products?

Sale	Production (100%)
Producers' market (direct sales)	
Wholesaler	
Processing industry	
Small retail businesses	
Cooperatives or other associative bodies	
Contracts with buyers	
Others	

2. What is the level of education? [Owner and spouse]

	Man	Woman
Primary/secondary		
Baccalaureate/upper secondary education		
University degree		
Master's/Doctorate		

3. How long has the activity been running?

Time in the sector (number of years):_____

4. How long have you been in charge of the farm?_____

5. What is the size of the farm (productive and non-productive areas)? Indicate the total number of hectares owned, irrigated and UAA of the farm.

Extension	Area (ha)
Overall size of the farm	
Size of land owned	
Size of rented land	
Total UAA	
UAA of irrigated crops	

6. Is the holding divided into plots? If yes, how many plots does it consist of?

7. What is the distance from the farm to the nearest town?

	Distance (km)	Time (h)
The nearest town		

8. Does the farm adhere to any quality certification system for its production?

	Yes	No
Certification of organic production		
Certification of integrated production		
Protected Designation of Origin (PDO)		
Protected Geographical Identification (PGI)		
Traditional Speciality Guaranteed (TSG)		
Others		

9. Do you have any of the following certifications or do you know if your cooperative has them?

	Yes	No
ISO 9001		
ISO 14001		
Huella de carbono		
ISO 22000		
FSSC 22000		
Zerya: Residuo cero		
Sello Bio-Siegel		
Sello Agriculture Biologique		
NATURLAND		
BIOSUISSE		
KRAV		
Certificación DEMETER		
GLOBAL G.A.P.		
QUALITÄT UND SICHERHEIT GMBH (QS)		
British Retail Consortium (BRC)		
International Featured Standards (IFS)		
Field to Fork (F2F)		
Linking Environment And Farming (LEAF)		
TESCO NURTURE		

10. Is all or part of the processing of agricultural products carried out on the farm?

☐ Yes. ☐ No.

11. If so, how important is processing as a source of income?

- ☐ Not significant (less than 10%).
- ☐ Not very important (between 10 - 20 %).
- ☐ Indifferent (between 21 - 40 %).
- ☐ Significant (between 41 - 80 %).

☐ Very important (between 81 - 100 %).

12. Which products are not sold?

13. How are unsold products distributed among the following destinations?

Destination	Percentage (%)
Not sold for domestic consumption (vegetable garden, chickens, ducks, slaughtering, oil, flour...).	100
Not sold for feeding animals on the farm	
Not sold as a gift	
Total	

14. For each of the products listed in the table below, indicate the % of products not purchased (available on the holding).

	Percentage (%)
Cereal	
Oil	
Vegetables	
Potatoes	
Fruit	
Grapes of wine	
Dairy products	
Meat	
Eggs	

15. Considering the products consumed by the household, what is the percentage share derived from the agricultural production of the farm?

- ☐ Less than 30%.
- ☐ Between 30% and 60%.
- ☐ More than 60%.

16. How many stocks of intermediate goods (plant protection products, fertilisers, seeds saved from one year to the next) are used for productive purposes?

- ☐ Less than 30%.
- ☐ Between 30% and 60%.
- ☐ More than 60%.

17. What is the importance of the following inputs in terms of impact on production costs?

Input	Percentage (100%)
Labour	
Non-family worker	
Fertilisers	
Seeds	
Plant protection products and pesticides	
Diesel	
Machinery	
Transport	
Energy (electricity)	
Water (canon)	
Feed (only when animals are present)	
Veterinary services (only when animals are present)	
Livestock purchases (only when animals are present)	

18. How many workers are there on the farm? What is the status of the workers on the farm (permanent, casual)? Do they belong to the family nucleus?

Typology of workers involved in agricultural activity	They belong to the nuclear family (n°)	Not belonging to the family group (n°)
Fixed (paid)		
Fixed (unpaid)		
Occasional (paid)		
Occasional (unpaid)		

19. Indicate the annual turnover/income.

20. Indicate the total annual net income (turnover/income minus costs) of the agricultural holding.

21. What percentage of the farm's income comes from farming or other activities (agrotourism, etc.)?

	Percentage (%)
Farming activity	
Non-farming activity (on farm)	
Total	

22. What is the contribution of agricultural and non-agricultural activities to household income?

	Percentage (%)
Farming activity	
Non-farming activity (on farm)	
Total	

23. Do they have easy access to credit? Are they part of an association? Do they receive support from a neighbour or relative? Do they have access to training or consultancy? Do they receive financial, technical or work support from neighbours or relatives?

	Yes	No
Access to credit or finance for agriculture		
Joins forms of association		
Access to production and marketing consultancy or training		
Receives support (financial, technical, employment, other) from neighbours or family members		

24. Total subsidies received, what is the percentage of farm turnover?

CAP subsidies	Quantity (€)	% regarding invoicing
Basic		
Greening/Eco-schemes		
Agri-environmental		
Ecological		

25. In which country, municipality and province is the assessed system located (coordinates if possible)? What is the type of production system? Indicate the name of the production system.

Country	Municipality	Province	Coordinates (if available)	Production system	Crop (name of production system)
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26. Briefly describe the natural context in which the system is located (e.g. climate, elevation...) and the environmental challenges (e.g. droughts, floods, pollution...).

27. What are the characteristics of the soil on the farm?

- ☐ Presence of erosion on the farm.
- ☐ Soil rich in organic matter.
- ☐ Soil poor in organic matter.
- ☐ Highly compacted soil.

☐ Soil without compaction.

☐ Land cover.

28. Briefly describe the market context that may support or limit the agroecological transition of the system (e.g. national or local regulations on agricultural production and trade, conservation areas, existence of labels or mechanisms to recognise/protect the origin of the product...).

29. How many crops are grown on the farm?

☐ Monoculture.

☐ 2 or 3 crops.

☐ More than 3 crops.

30. Are there animals on the farm?

☐ Yes.

☐ No.

31. Is there a diversity of productive activities, products and/or services on the farm?

☐ Only one production activity.

☐ Two or three productive activities (e.g. sale of two crops, or one crop and one type of animals).

☐ More than 3 activities.

32. Where do the inputs used come from?

☐ All come from the farm itself.

☐ Some soon reused from the farm and some from external markets.

☐ All come from external markets.

33. Are chemicals used for soil fertility?

☐ Yes.

☐ No.

34. Are chemicals used for pest and disease management?

☐ Yes.

☐ No.

35. Is there integration between the different activities carried out on the farm (only answer if there is more than one activity)?

☐ Yes.

☐ No.

36. Is biomass recycled on the farm?

☐ Yes.

☐ No.

37. Renewable energy is used on the farm?

☐ Yes.

☐ No.

38. Are there young people working on the farm? If they are your children, do they want to continue the activity?

39. Do you think young people see employment opportunities in the sector and want to work in it?

40. To whom the holding belongs?

☐ Man.

☐ Woman.

☐ Both.

☐ More people (siblings, family, etc.)

41. Are women involved in decision-making on the farm?

☐ No.

☐ Yes, but less than 30%.

☐ Yes, between 30%-60%.

☐ Yes, in more than 60%.

42. Are the products of the farm marketed locally?

☐ Yes.

☐ No.

43. Do you need to buy inputs and services outside the region?

44. Is there a relationship between producers in the area?
