

CONSOLE

CONtract Solutions for Effective and lasting delivery of agri-environmental-climate public goods by EU agriculture and forestry

Research and Innovation action: H2020 - GA 817949

Task 3.2 Pan-EU survey of farmers and other rural landowners

PRELIMINARY NOTE (TO BE REMOVED IN THE FINAL VERSION)

When it is ready, the questionnaire has to be translated in your own national languages and, eventually, adapted to national specificities. In addition, a proper introduction, suitable for the needs of the target group and data collection method, needs to be added.

INTRODUCTION (FOR PARTNERS)

The questionnaire aims to identify acceptance and landowners' behaviour towards the contract solutions proposed in WP1 from the potential contractors. The questionnaire focuses on land managers' background variables such as existing tenure situation and agri-environmental-climate public goods (AECPG) arrangements, as well as the vision and potential response of landowners about the proposed contract solutions and their design parameters (e.g. length, collective features, parameters for result verification and control, distribution of risk).

The questionnaire is structured on four main sections:

1. Characteristics of landowners and their farm/forestry holdings (**compulsory for all**)
2. Acceptability of new contracts solutions, farmers' reaction to new contract typologies and/or characteristics (**compulsory for all**)
3. Choice Experiment (CE) (**optional, pending**)
4. Other issues, i.e. some country specific questions (**optional**)

The third section (CE exercise) is not compulsory and each partner can autonomously decide to carry out it or not, but for those willing to it is important that this choice is discussed together in order to check possibilities for common exercises across clusters countries (e.g. same public good, same design). This is already under way with interested partners. The fourth section aims to collect national specificities and can be added by each partner and structured autonomously.

“Surveys will be addressed to the target groups of farmers and/or forest owners in 12 countries involved in the project. The target sample size of the surveys will be in the range between 100 and 300 farmers/foresters/landowners per country and will be reconsidered during the project depending on the precise survey

design." (CONSOLE DoA, p. 23). However, if you want to publish results from your own country e.g. in scientific papers and want to gain more reliable results, larger sample size is recommended.

The type of the survey (e.g. mail questionnaire, telephone, web, face-to-face) and whether the type of the survey can vary between countries will be discussed with partners. For example, Choice Experiment (CE) is almost impossible to implement by phone.

SAMPLING AND TARGET POPULATION

We are aware of the fact that each partner/case study has its own features in terms of land/forest owners, managers, tenants, etc. (this came out especially, but not limitedly, in relation to the UK team's comments during the last internal WP3 survey workshop).

Nevertheless, from all the previous discussions that we had, each partner has to decide the target region/area as well as the target population/sub-population interested by the survey.

Obviously, each decision has to be taken with the final goal to collect relevant information about contract solutions.

Some common principles are (from previous discussion and deliverables):

- Target a population that allows upscaling/mainstreaming of the instruments (depending on the potential/interest of your region/country)
- no (just) population of case studies
- widely used specialisation(s) in your area
- including farmers not previously participating in AES
- including enough heterogeneity to allow to understand the role of the main explanatory variables.

INTRODUCTION (FOR RESPONDENTS)

We kindly ask you to respond to the present questionnaire.

This questionnaire addresses different voluntary contracts offered for land managers. These contracts aim to increase supply of in environmental and climate-related benefits such as water protection, landscape improvement, biodiversity or carbon sequestration.

With this questionnaire we would like to know what You think about alternative types of contracts and their characteristics. In section 1, we ask about your individual characteristics and agricultural/forest holding features. In section 2, we are interested in your opinion about the acceptability of new kinds of contract solutions.

This questionnaire is part of a pan-EU survey carried out in the context of the CONSOLE – *CONtract Solutions for Effective and lasting delivery of agri-environmental-climate public goods by EU agriculture and forestry H2020 EU-Project*.

Fulfilling the interview will take around 20-30 minutes.

Privacy and data confidentiality statement

TO BE ADDED, IN LINE WITH NATIONAL DEMANDS

Consent question(s)

TO BE ADDED, IN LINE WITH NATIONAL DEMANDS

PRELIMINARY INFORMATION

- a) Questionnaire number: _____
- b) Name of interviewer: _____
- c) Date: _____

CONTACT DETAILS AND GENERAL INFORMATION

- a) Municipality: _____
- b) Post code: _____

1 Individual characteristics and agricultural/forest holding features

1.1 Could you please state your gender:

- a) Male
- b) Female
- c) Other (optional): _____

1.2 Could you please indicate your age (years):

- a) 18-20
- b) 21-30
- c) 31-40
- d) 41-50
- e) 51-60
- f) 61-70
- g) 71-80
- h) More than 80

1.3 Could you please indicate your highest completed education level:

- a) Primary (elementary school) or lower secondary (primary school)
- b) Upper secondary education (high school)
- c) Post-secondary non-tertiary education or short-cycle tertiary education
- d) Bachelor's or equivalent level
- e) Master's or equivalent level
- f) Doctoral or equivalent level
- g) Not elsewhere classified
Please, specify: _____
- h) No education

1.4 Do you have a formal completed agricultural or forestry education (multiple answers allowed)?

- a) Yes, in agriculture
- b) Yes, in forestry
- c) Other education linked to the management of the holding
Please, specify: _____
- d) None

1.5 Would you define your role in the holding as:

- a) Single owner
- b) Co-owner
- c) Tenant

1.6 Are you responsible for the management of the farm?

- a) Yes
- b) No

1.7 Would you define the legal status of the holding as:

- a) Individual (family) holding
- b) Partnerships
- c) Other
Please, specify: _____

1.8 What is the main specialisation of the holding (only one answer allowed):

- a) Specialist cereals, oilseed and protein crops
- b) General field cropping
- c) Specialist horticulture
- d) Specialist vineyards
- e) Specialist fruit and citrus fruit
- f) Specialist olives
- g) Various permanent crops combined
- h) Specialist dairying
- i) Specialist cattle-rearing and fattening
- j) Cattle-dairying, rearing and fattening combined
- k) Sheep, goats and other grazing livestock
- l) Specialist granivores (e.g. poultry)
- m) Mixed farming
- n) Mixed livestock, mainly grazing livestock
- o) Mixed livestock, mainly granivores
- p) Field crops-grazing livestock combined
- q) Various crops and livestock combined
- r) Forestry
- s) Other

Please, specify: _____

1.9 Does the agricultural holding produce certified organic products?

- a) Yes, all products from farm are organic or in conversion to organic
- b) Yes, some part of the products from farm are organic or in conversion to organic
- c) No

1.10 Could you please indicate how many holding hectares are:

- a) Agricultural land (UAA) owned: _____ hectares
- b) Agricultural land (UAA) rented-in: _____ hectares
- c) Agricultural land (UAA) rented-out: _____ hectares
- d) Forest land owned: _____ hectares
- e) Forest land rented-in: _____ hectares
- f) Forest land rented-out: _____ hectares

1.11 How many workers does the holding has (including yourself):

- a) Family workers: Nr. full-time: _____
- b) Family workers: Nr. part-time: _____
- c) External workers: Nr. full-time: _____
- d) External workers: Nr. part-time: _____
- e) Seasonal workers: Nr. full-time: _____
- f) Seasonal workers: Nr. part-time: _____

1.12 Is the holding regularly assisted by a (paid) advisory/extension service (multiple answers allowed)?

- a) Yes, with a specific environmental-related focus
- b) Yes, generical or technical advisory/extension service
- c) Yes, with an accounting-related focus
- d) No

1.13 What are your most important sources of information with environment-related focus (multiple answers allowed):

- a) (Own) internet search, social media, apps (e.g. to identify weeds, animal species, etc.), professional journals
- b) Family members
- c) Other/Neighbouring farms
- d) Farmers' union(s)
- e) Public advisory (e.g. chamber of agriculture)
- f) Private/independent advisory
- g) Nature conservation/environmental organisation
- h) Other

Please, specify: _____

1.14 Are you a member of these organisations (multiple answers allowed):

- a) Farmers union(s) or any other agriculture or forestry interest group
- b) Nature conservation organisation or other environmental organisation
- c) No

1.15 Did you start a new activity in the holding during the past 5 years and/or have you made any investments?

- a) Yes
Please, specify: _____
- b) No

1.16 Thinking about the future, for how many years would you, as a responsible person for the holding, continue the activity on the agricultural/forest holding:

- a) Less than 1 year
- b) Between 1 and 5 years
- c) Between 5 and 10 years
- d) More than 10 years
- e) Does not know/Never thought about it

1.17 (-FILTERED QUESTION- Only if Q1.16 is equal to a or b, then ask:) Thinking about the future, do you already have an idea about the holding successor (after yourself)?

- a) Yes, a successor in my family
- b) Yes, a successor not in my family
- c) No, not been able to find a successor
- d) Not decided yet/Never thought about it

1.18 Could you please indicate how much of your total household gross revenue comes on average from farming/forestry:

- a) Less than 10%
- b) 10-29%
- c) 30-49%
- d) 50-69%
- e) 70-89%
- f) More than 89%

1.19 Could you please indicate to whom and to what proportion the holding sells its products/harvest (i.e. to which customer)? (Please

fill in the numbers so that your total adds up to 100; a rough estimate is sufficient)

Customer	Percentage (0-100%)
a) Processor	
b) Private wholesaler/retailer	
c) Cooperative wholesaler or retailer/cooperative	
d) Direct to final consumer	
e) Other farm(s)	
f) Other (Please, specify: _____)	

1.20 Did you receive any agricultural subsidies / payments in 2019 and if so, how much?

- a) Yes, as direct payments
Please indicate the amount (in Euro, estimated): _____
- b) Yes, as Rural Development Program payments
Please (in Euro, estimated): _____
- c) No payments received

1.21 (-FILTERED QUESTION- Only if Q1.20 is equal to b, then ask:) Could you please state how many hectares/number of livestock heads of the holding were covered by environmental contract/programme in 2019?

- a) Area entered into agri-environment and climate measures (in hectares): _____
- b) Area entered into measures for organic farming conversion or maintenance (in hectares): _____
- c) Number of livestock heads: _____

2 Contract types for improving environmental benefits and their acceptability

2.1 Improving the environment of your farm/forest holding.

	1. Have you in the last five years carried out any measures on your farm to improve the state of the following environmental aspects?		2. Are you interested in improving the following environmental aspects on your land in the following five years?		
	Yes	No	Yes	Somewhat	No
a) Landscape and scenery	<input type="checkbox"/> 1		<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3
b) Biodiversity (e.g. species diversity, habitat diversity)	<input type="checkbox"/> 1		<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3
c) Soil quality and health (e.g. crop diversification)	<input type="checkbox"/> 1		<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3
d) Carbon storage in soils (e.g. reduced tillage, organic matter enrichment) (forest owners: wood biomass)	<input type="checkbox"/> 1		<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3
e) Water quality and quantity (e.g. fertilisation according to need, water retention)	<input type="checkbox"/> 1		<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3

2.2 How much would the following characteristics of agri-environmental contracts increase or decrease your willingness to enrol to an environmental contract or programme?

Characteristics	Decreases my willingness considerably	Somewhat decreases my willingness	No effect on my willingness	Somewhat increases my willingness	Increases my willingness considerably
1. In the contract, you are free to decide about the management practices to achieve the specified environmental result	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5

2. The payment gets higher, the better your environmental results are	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
3. You can collectively agree on environmental targets and measures at landscape-level together with other land managers	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
4. You and other land managers (farmers) receive a common payment. You jointly agree on the distribution of the payment .	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
5. You sell your farm's products labelled as environmentally friendly (e.g. animal welfare products, climate friendly products) when following management measures as prescribed in a processor or retailer contract	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
6. The contract is not paid by public money, instead the compensation that you get for environmentally friendly production is paid by buyers of your products.	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
7. You can lease land with a reduced rent, if you agree to follow environmental management clauses as specified in the lease contract	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
8. You can do the monitoring of the environmental results yourself (e.g. count specific plants)	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
9. The results that you achieve are regularly controlled by the competent authority coming onto your farm e.g. once a year	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5

10. You are offered free training and advice that enables you to reach the environmental targets	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
11. You get a sales guarantee from a processor or retailer in return for implementing environmental measures.	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
12. You get environmental compensation payment on an annual basis.	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
13. You get half of the environmental payment at the beginning of the five-year contract period, and half at the end of it.	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5

2.3 What would be the contract length that you prefer?

Agriculture

- a) The contract is for a one year
- b) The contract has the length of a common AES (5 years)
- c) The contract is for 10 years

Forestry

- a) The contract is for 10 years
- b) The contract is for 20 years
- c) The contract is for 30 years

In the following, four different types of contracts are shortly described. After each contract type description, you are asked to evaluate its suitability and desirability from your point of view.

Result-based contract

In a result-based contract you receive a **payment only for the delivery of environmental or climate results**. You are **free in your decision about the management practices**, e.g. how to contribute to water protection, landscape improvement, biodiversity or to sequester carbon. Selected indicators and scoring systems to monitor environmental or climate results are often used, and they will be exactly defined in the contract. You have access to free advice or training when you participate in this contract and you can voluntarily engage in the monitoring activity.

2.4 How do you see this contract type? Do you agree or disagree with the following statements?

Please circle the number that describes your opinion most closely.

Statement	Measurement scale				
	strongly disagree		neutral		strongly agree
Result-based contract is...					
1. Easy to understand.	1	2	3	4	5
2. Applicable for my farm.	1	2	3	4	5
3. Potentially economically beneficial for my farm.	1	2	3	4	5

2.5 Are you already enrolled in a result-based contract type?

- a) Yes
- b) No
- c) Not currently, but have been earlier

2.6 How likely is that you would enroll in a result-based contract type in the future?

- a) Very likely
- b) Likely
- c) Neutral
- d) Unlikely
- e) Very unlikely

2.7 How would you improve result-based contract to better match your needs or views?

Contract with collective implementation

You become **a member of a group** of land managers (farmers or foresters) who **applies jointly for compensation in order to implement environmental or climate activities**, e.g. water protection, carbon sequestration, biodiversity or landscape improvement. A minimum number of group members (e.g. 5) from your region is required to **collaborate in order to get a payment**. The group members decide about the implementation and locating the measures, and the distribution of the payment. Within the group, peer land managers and advisors share knowledge and support the achievement of the environmental objectives.

2.8 How do you see this type? Do you agree or disagree with the following statements?

Please circle the number that describes your opinion most closely.

Statement	Measurement scale				
	strongly disagree		neutral		strongly agree
Collective contract is...					
1. Easy to understand.	1	2	3	4	5
2. Applicable for my farm.	1	2	3	4	5
3. Potentially economically beneficial for my farm.	1	2	3	4	5

2.9 Are you already enrolled in a collective contract type?

- a) Yes
- b) No
- c) Not currently, but have been earlier

2.10 Would you enroll in a collective contract type in the future?

- a) Very likely
- b) Likely
- c) Neutral
- d) Unlikely
- e) Very unlikely

2.11 How would you improve collective contract to better match your needs or views?

Contract along the value chain

As a producer, you are part of the value chain (producer, processor, retailer, distributor). You engage in a contract where you commit to deliver **environmental or climate benefits connected to the production of selected products**, e.g. by carrying out management measures which contribute to water protection, landscape improvement, biodiversity or carbon sequestration. Often these products get a special label. You are **paid for it by the market**, mainly through a premium price paid by the processor or retailer.

2.12 How do you see this contract type? Do you agree or disagree with the following statements?

Please circle the number that describes your opinion most closely.

Statement	Measurement scale				
	strongly disagree		neutral		strongly agree
Value chain contract is...					
1. Easy to understand.	1	2	3	4	5
2. Applicable for my farm.	1	2	3	4	5
3. Potentially economically beneficial for my farm.	1	2	3	4	5

2.13 Are you already enrolled in a value chain contract type?

- a) Yes
- b) No
- c) Not currently, but have been earlier

2.14 Would you enroll in a value chain contract type in the future?

- a) Very likely
- b) Likely
- c) Neutral
- d) Unlikely
- e) Very unlikely

2.15 How would you improve value chain contract to better match your needs or views?

Land tenure contract with environmental clauses

You enter into a land-tenure contract where you **commit to give particular attention to environmental aspects beyond legal requirements when producing on the leased land**. The landowner accepts a lower **lease payment** than for comparable land under usual land tenure agreements to compensate your additional efforts. In the contract environmentally friendly management practices on the leased land are prescribed in order to maintain or improve environmental targets, e.g. water protection, landscape and biodiversity improvement or carbon sequestration or alternatively.

2.16 How do you see this contract type? Do you agree or disagree with the following statements?

Please circle the number that describes your opinion most closely.

Statement	Measurement scale				
	<i>strongly disagree</i>		<i>neutral</i>		<i>strongly agree</i>
Land tenure contract is...					
4. Easy to understand.	1	2	3	4	5
5. Applicable for my farm.	1	2	3	4	5
6. Potentially economically beneficial for my farm.	1	2	3	4	5

2.17 Are you already enrolled in a land tenure contract type?

- a) Yes
- b) No
- c) Not currently, but have been earlier

2.18 Would you enroll your forest/agricultural land in a land tenure contract type in the future?

- a) Very likely
- b) Likely
- c) Neutral
- d) Unlikely
- e) Very unlikely

2.19 How would you improve land tenure contract to better match your needs or views?

ADD HERE PROPER THANK YOU -WORDS FOR ANSWERING THE SURVEY!