

DELIVERABLE 4.1

"D.4.1 Progress report - the survey instrument and results from pre-testing"

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Dissemination level (see DoW p. 27-30)		
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¹ The author gratefully acknowledges financial participation from the European Community under the Sixth Framework Programme for Research, Technological Development and Demonstration Activities, for the Specific Targeted Research Project "SCARLED" SSPE-CT-2006-044201.

The views expressed in this publication are the sole responsibility of the authors and do not necessarily reflect the views of the European Commission.

This deliverable was internally reviewed by Dominika Milczarek-Andrzejewska.

Abstract

The central task of Workpackage 4 is the design and implementation of a survey instrument that will collect key information for SCARLED WP5, 6 and 7 in the NMS Bulgaria, Hungary, Poland, Romania and Slovenia. The final survey instrument consists of three questionnaires. Two questionnaires collect data at the household level. The first questionnaire applies to rural farm households and emphasises agricultural output, household characteristics, household incomes and household gainful activities. The second household level questionnaire deals specifically with households that have exited agriculture after 2003. The third questionnaire collects data at the village level. This questionnaire aims at collecting key data on village characteristics, local infrastructure as well as local land and labour markets. The survey instrument is the result of collaborative efforts by all partners involved in WP4-7. This deliverable gives an account of the different steps that have been undertaken to finalise the survey instrument.

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This document is part of a research project funded by the 6th Framework Programme of the European Commission.

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LIST OF ABBREVIATIONS

AKI	Research Institute for Agricultural Economics
CUB	Corvinus University Budapest, Dept. of Agricultural Economics and Rural Development
GDP	Gross domestic product
IAMO	Leibniz Institute of Agricultural Development in Central and Eastern Europe
IERIGZ	Instytut Ekonomiki Rolnictwa i Gospodarki Żywnościowej (Institute of Agricultural and Food Economics)
K.U. Leuven	Catholic University Leuven
NMS	New Member States
SCARLED	Structural change in agriculture and rural livelihoods
UL	University of Ljubljana
UNEW	University of Newcastle upon Tyne, Centre for Rural Economy
UNIKENT	University of Kent, Kent Business School
UNWE	University of National and World Economy
USAMVB	Banat's University of Agricultural Sciences and Veterinary Medicine Timisoara
WP	Workpackage
WUDES	Warsaw University, Dept. of Economic Sciences

1 THE DEVELOPMENT OF THE SURVEY INSTRUMENT

The central task of Workpackage 4 (hereafter WP4) is the design and implementation of a survey instrument that will collect key information for SCARLED WP5, 6 and 7² in the NMS Bulgaria, Hungary, Poland, Romania and Slovenia.

WP4 is made up of four objectives: (i) The development of the survey instrument; (ii) Pre-testing of the survey instrument; (iii) Monitoring of the data collection; and (iv) Cleaning and organising the collected data. At this stage in the ongoing project, the first two objectives have been completed. A survey instrument consisting of three questionnaires has been elaborated: two questionnaires at the household level (rural farm households and households that have exited agriculture) and one questionnaire at the village level (to be asked a village representative and gather data on village characteristics). The final survey instrument is the result of close co-operation between all partners concerned. UNIKENT, the lead partner of WP4, and overall SCARLED co-ordinator IAMO have worked in particularly close co-operation throughout the process.

This Deliverable 4.1 will give an account of the development of the survey instrument, from the first steps to the final version. The first task undertaken by partners was the preparation of a pro-forma, investigating the availability of secondary data. WP 4 partners then developed a first draft of the survey instrument that was pre-tested and discussed during a meeting with all WP4 partners. Based on the discussions and agreements from the meeting, a second draft of the survey instrument was prepared and circulated among partners before the survey instrument was finalised.

For a methodological approach to the survey instrument, we refer to Chapter 8 of SCARLED Deliverable 2.1, *Conceptual framework for analysing structural change in agriculture and rural livelihoods*.

2 PRO-FORMA

The first task of WP4 as stated in the Contract³ was to identify the information available from secondary sources and previous EU funded projects. As a first step, a *pro-forma* was therefore sent out to the NMS partners in Month 3 (see Appendix 1). The purpose of the pro-forma was to obtain an overview of the data availability on a) Farm structure surveys; b) Agricultural censuses; c) Rural labour surveys; d) Household budget surveys; e) Ad hoc or regular village surveys; and f) Other relevant surveys.

The main objectives for this pro-forma were to investigate the possibility of linking the survey instrument to previous surveys in the NMS and to understand what necessary data were lacking for the survey. Linking the survey to previous ones however proved to be a difficult task, mainly because of the lack of data on non-commercial farm households which are of importance in this project. The definitions for farm households; farms and subsistence farming varied among the NMS (see Appendix 2). In the cases of Bulgaria, Hungary and Slovenia the thresholds applied for farms include mainly commercial farms

² WP5: Farm structure evolution; WP6: Socio-economic functions of subsistence farming and co-operation among farmers; WP7: Rural labour markets and diversification for rural economies.

³ Contract N° SSPE-CT-2006-044201 Project "SCARLED"

and in many cases exclude subsistence farm households. Only in the cases of Romania and Poland are subsistence farm households also covered by farm structure surveys and agricultural censuses. Because of the disparity of definitions and lack of previous data relevant to the SCARLED survey, it was not possible to create time series data based on previous studies. Thus, the SCARLED survey would have to be a cross-sectional study. However, it was judged important for the SCARLED project to obtain information about the direction of changes over time. It was therefore decided to collect some key data regarding a previous reference point in time, even though this data would be limited. This reference point was set to 2003 as this was the last year before inclusion in the EU of the NMS Hungary, Poland and Slovenia.

3 FIRST DRAFT OF THE SURVEY INSTRUMENT

Concerned partners were requested to send the questions they wished to include in the survey instrument to WP4 lead partner UNIKENT for incorporation by Month 6. At the stage of the first draft, the survey instrument consisted of a core questionnaire to rural households, identical for the five NMS. In accordance with the Contract, the questionnaire focussed on agricultural output, household characteristics, household incomes and household gainful activities, both agricultural and non-agricultural. As for the WP6 commitment on co-operation among farmers (D6.1), a country-specific section for Poland was added to the core questionnaire. This section has been independently elaborated by WUDES.

UNIKENT (WP6) together with IAMO (WP5 & 7) are the two partners for which the survey instrument constitutes the primary information base. While some areas of data collection are WP-specific, others are overlapping between work packages. UNIKENT and IAMO therefore worked in particularly close collaboration to finalise the first draft of the survey core questionnaire. By mid August, the questionnaire had been sent out to the partners for translation and pre-testing. NMS partners then had until the Budapest meeting (see below) to translate and pre-test the questionnaire on 4-6 households in their country.

4 RESULTS OF BUDAPEST MEETING

One important commitment in WP4 that involves all partners, regards the discussion and feedback on the draft questionnaire as well as pre-testing of the survey instrument. On September 5, 2007, a meeting was therefore held at the Research Institute for Agricultural Economics (AKII) in Budapest. Representatives from all concerned SCARLED partners were present. The agenda of the meeting was the following: 1) Results from pre-testing of the questionnaire; 2) Necessary adjustments; and 3) Sampling and organisation of the implementation of the survey (see Appendix 3 for minutes from the meeting).

Pre-testing and adjustments

As stated in the Contract, the questionnaire was to be pre-tested in at least one village in two different countries. By the time of the Budapest meeting, three partners had been able to pre-test the questionnaire: Slovenia (6 questionnaires), Romania (2) and Poland (1). The partners who had not pre-tested the questionnaire had nevertheless gone through it very carefully and contributed with valuable comments during the meeting.

The overall impression from pre-testing was that the questionnaire was too long and needed to be reduced. Moreover the questionnaire would need simplifications and restructuring to be easier to work with. These opinions were also shared by the partners who had not pre-tested the questionnaire.

Moreover, one section on social capital that was incorporated in the first draft of the questionnaire was discussed. This section relates to IAMO, which is hypothesizing that social capital is important for successful employment diversification (WP7). It was decided that this section would be taken out of the core questionnaire as it appeared too long. Eventually, it will be implemented on a case-study basis in Romania and Bulgaria.

Survey sample

As pointed out in the Contract, the detail required for the studies implies that fieldwork should be limited to selected villages. The regions and villages have been selected to be representative for rural households in each NMS. In each country, 3 regions and 3 villages per region have been selected meaning that a total of 45 villages will be surveyed.

One important question that was raised during the meeting regarded the types of households to be covered by the survey. Would the survey sample cover *all* rural households or *only* rural households with some agricultural production? After discussions it was agreed to include *farm households* only, where a farm household is defined as a household with agricultural production, *including* production from a house garden or yards belonging to the house. Only farm households that had agricultural production in both 2006 and 2003 or in either of these two years would be included in the survey sample. Participation in the survey would be determined by asking initial filter questions.

Organisation and implementation of the survey

WUDES have subcontracted the survey and the subcontractor IERIGZ (*Instytut Ekonomiki Rolnictwa i Gospodarki Żywnościowej*) would carry out the survey by the beginning of November. The deadline for the finalisation of the questionnaire was therefore set to the end of September. Prior to that, partners were asked to send to UNIKENT and IAMO a description of how regions and villages had been selected by September 17, 2007.

Moreover, it was agreed during the meeting that a separate village questionnaire, covering village infrastructure and local land and labour market characteristics would be created. Based on a request by partners, it was also decided that training of interviewers would be provided by a joint team from UNIKENT and IAMO.

5 SECOND DRAFT OF THE SURVEY INSTRUMENT

After the Budapest meeting in September 2007, UNIKENT worked on a second draft of the core questionnaire and elaborated the village questionnaire. The agreed changes and amendments from the Budapest meeting were incorporated. Redundant and repetitive questions were removed, overlapping questions were merged and an overall restructuring of the core questionnaire was undertaken.

After that, the second draft of the core questionnaire and the first draft of the village questionnaire were sent out to partners for comments prior to the finalisation of the survey instrument. On September 24 and 25, UNIKENT representative Lena Fredriksson was

at IAMO in Halle, finalising the survey instrument together with IAMO representatives Judith Möllers, Diana Traikova and Gertrud Buchenrieder. At this final stage it was decided to split the core questionnaire into two: one questionnaire for rural households that have ceased with agricultural production between 2003 and 2006 (exit from agriculture), and one questionnaire for households with agricultural production in *both* 2003 and 2006 or 2006 *only* (households entering agriculture after 2003). In the case of Poland, WUDES section on co-operation of Polish farmers was amended to the latter questionnaire. All in all, this means that the final survey instrument consists of three questionnaires: 1) The main questionnaire covering rural farm households (see Appendix 4a), 2) Exit from agriculture (see Appendix 4b) and 3) Village questionnaire (see Appendix 4c).

In addition, a names sheet (see Appendix 5) and a scales sheet (see Appendix 6) were designed. The purpose of the names sheet is to make it easier for the interviewer to enter information about individual household members in a consistent way while guaranteeing the anonymity of the interviewed household by not recording names. As many questions in the survey are to be answered by ranking, the scales sheet will serve as a help to the interviewee by showing all the scales applied in the questionnaires.

6 FINAL VERSION OF THE SURVEY INSTRUMENT

The final version of the survey instrument consisting of the three questionnaires was sent out to partners on October 3, 2007. The names and scales sheets together with instructions to interviewers (see Appendix 7) were distributed on October 16. Within the three weeks after the survey instrument was sent out, a couple of minor editorial mistakes were detected by partners, and appropriate corrections were communicated immediately to all partners by SCARLED co-ordinator IAMO.

When the final survey instrument was distributed to partners on October 3, the issue regarding the selection of income bands still remained (Sections F in the household level questionnaires). Since the unit of analysis in the survey is the rural farm household, two main issues needed to be considered. First, households vary in composition and size (*i.e.* number of household members and number of earning persons). Second, rural household incomes may differ from urban households. Departing from the country average for gross domestic product (GDP) per capita and then making an estimate of the average number of earning persons in a rural household would be an option, but the risk with this measure is that it would not be accurate enough and that the bands would give a skewed income distribution. The indisputably best option was to depart from national statistics on national household incomes and if possible average rural household incomes. A request regarding data availability on household incomes was therefore sent out by UNIKENT to partners. It turned out all NMS had data on average household incomes and in some cases even separately for rural households. Based on this, guidelines for the selection of income bands were sent out to partners on October 22 (for details, see Appendix 8).

7 ORGANISATION AND IMPLEMENTATION OF THE SURVEY

The next big step in WP4 is the implementation of the survey. UNIKENT together with IAMO will monitor the survey. UNIKENT will provide the data base for entry of the data. Data will be entered by each partner in ACCESS format. The NMS partners are also responsible for cleaning and checking the data for consistency. The complete data sets shall be finalised by Month 16.

APPENDIX 1 - PRO-FORMA EVALUATING DATA AVAILABILITY FROM DIFFERENT SURVEYS

COUNTRY

	Farm structure surveys	Agricultural Census	Rural labour survey	Household budget surveys	Ad hoc or regular village survey	Other relevant surveys
Frequency of Survey. Time of year that survey is usually undertaken. Time for last survey.						
Who is responsible for the survey?						
What definition is used for a household?						
What definition is used for a farm household?						
What definition/threshold is used for a farm?						
What definition, if any, is used for subsistence/semi-subsistence farming?						
What definition, if any, is used for subsistence/semi-subsistence food production?						

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Date: 28 November 2007

<p>Number and type of households/farms sampled. Are they classified by:</p> <ul style="list-style-type: none"> a) income b) location c) size <p>What percentage of the sample size does each classification constitute?</p>			
<p>Nature of the data collected. Is data collected on:</p> <ul style="list-style-type: none"> - Household characteristics a) Household size (number of members, including children); b) Age (age of household head, pensioner or non pensioner, household members); c) Education (years of schooling of household head, household members); d) Gender (gender of household head, household members); e) Ethnicity (ethnic minority or not). 			

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<p>- Household income and expenditures</p> <p>f) Total household income earned. Source of income identified, agri/non-agricultural income;</p> <p>g) Total non-earned income (such as insurance payments, interest etc.; is the source of income identified?);</p> <p>h) Total household spending on food;</p> <p>i) Contribution of subsistence farming to rural household welfare (as an income augmenting cash incomes).</p>						
<p>- Farm characteristics and agricultural production</p> <p>j) Land (total area owned, total area grown, area grown for subsistence, commodities grown);</p> <p>k) Non-marketed agricultural output (commodities, volume);</p> <p>l) Marketed agricultural output (commodities, volume, value);</p> <p>m) Tradable input costs (total tradable input costs for each farm or broken down by commodity);</p>						

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<p>n) Non-tradable inputs and costs (land, labour and capital; data in the form of total per farm or broken down by commodity output for each farm);</p> <p>o) Livestock (whether the household owns livestock or not, livestock for commercial or subsistence purposes);</p> <p>p) Machinery (whether the household owns any agricultural machinery or not);</p> <p>q) Car (whether the household owns a car or not);</p> <p>r) Member of co-operative or not;</p> <p>s) Distance from the household's farm to nearest marketplace.</p> <p>t) Non-marketed food production (beyond primary production i.e. food processing such as sausages, pickles), commodities, volume)</p> <p>u) Marketed food production (beyond primary production i.e. food processing such as sausages, pickles), commodities, volume, value)</p>						
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<p>Is data on non-agricultural activities of farms collected? If yes, what type of data? (Income, time allocation, type of non-agricultural activity, who carries out the non-agricultural activity etc.)</p>						
<p>Is data collected on agricultural activities which are non-home farm? If yes, what type of data? (Income, time allocation etc.)</p>						
<p>Has there been data collected for research on farm household incomes or diversification? (Details of data collected and publications).</p>						
<p>Have any barriers to commercial food production been identified? If yes, please state.</p>						
<p>Who is responsible for maintaining the database? (Name and contact details).</p>						
<p>Other comments/notes</p>						

IMPORTANT NOTICE!!! Have there been any **special studies of subsistence farming** in your country? **If yes**; a) Who were the **authors**? b) Please **appendix a copy of the contents** to this pro-forma.

APPENDIX 2 - OVERVIEW OF PRO-FORMA DEFINITIONS

Country	Definition of (farm) household	Definition/threshold for a farm	What definition, if any, is used for subsistence/semi-subsistence farming?
Bulgaria		<p>An economic unit that meets simultaneously three conditions:</p> <ol style="list-style-type: none"> 1) Produces agricultural products; 2) achieves or overcomes a <i>particular size</i>; 3) has a single running management 	SSF are all farms with ESU between 1 and 4; subsistence farming – all products are for farm's consumption
Hungary		<p>Economically and technically separate production unit involved in agricultural activity, which</p> <ul style="list-style-type: none"> • on the 1 of December, 2003 had: <ul style="list-style-type: none"> - agricultural land at least 1500 square metres or - permanent crops (fruit plantations) and/or vineyards at least 500 square metres or - a livestock herd of at least: <ul style="list-style-type: none"> - 1 bigger size animal - 50 poultry - 25-25 rabbits, fur animals, meat-pigeons or - 5 bee hives or • During the preceding 12 month of the survey: <ul style="list-style-type: none"> - had performed contract work or - was involved in intensive (under shelter) horticultural production. (According to FSS 2003 methodology) 	Not in use

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<p>Poland</p>	<p>A household which is using a farm land of more than 1 ha.</p>	<p>1. GUS: An agricultural holding is understood as an agricultural area, including forest land, buildings or their parts, equipment and stock, if they constitute or may constitute an organised economic unit as well as rights and obligations related to running a holding. 2. FADN: In the field of FADN's observation there are commercial farms which have the essential share in creating the value-added in agriculture.</p>	<p>1. GUS: <i>Subsistence farming</i> - an agricultural holding understood as an agricultural area, including forest land, buildings or their parts, equipment and stock simultaneously not conducting commercially-oriented production, <i>Semi-subsistence farming</i> - an agricultural holding understood as an agricultural area, including forest land, buildings or their parts, equipment and stock simultaneously conducting commercially-oriented production under 3.000 PLN value</p>
<p>Romania</p>	<p>Nationwide survey. Subsistence farms also covered.</p>	<p>"<i>Agricultural holding</i> represents an economic unit of agricultural production carrying out its activity under a current unique management and includes all the animals owned and all the land area used partly or completely, to perform an agricultural production, no matter of ownership type, legal type or size." NIS definition</p>	<p>Agricultural holdings which produce primarily for their own consumption and also market a proportion of their output with an economical size between 2 – 16 ESU – from the National Programme for Rural Development 2007-2013, March 2007 Draft</p>
<p>Slovenia</p>	<p>Household is defined as »a community of persons living together and spending together their incomes for basic needs (lodging, food and other), OR single persons living and spending their incomes independently« (SORS, HBS) + that has farm holdings</p>	<p>Agricultural holdings are those having:</p> <ul style="list-style-type: none"> • > 1 ha of utilised agricultural area, or • < 1ha of utilised agricultural area, but: <ul style="list-style-type: none"> - > 0.1 ha of UAA and 0.9 ha of forest, or - > 0.3 ha of vineyards and/or orchards, or - > 2 livestock units (LSU), or - 0.15 - 0.3 ha of vineyards/orchards and 1 or 2 LSU, or - > 50 beehives, or - are market producers of vegetables, herbs, strawberries, mushrooms, flowers or ornamental plants. 	<p>No definition of subsistence/semi-subsistence farming exists in the listed sources of secondary statistical data (and, to our knowledge, nor in other national databases / papers).</p>

APPENDIX 3 - MINUTES OF BUDAPEST MEETING

Minutes of SCARLED meeting

Venue: Agricultural Economics Research Institute (AKI)
Date: Budapest 5 September 2007, 9.30 am-
4.30 pm

Agenda:

- Results from pre-testing of the questionnaire
- Necessary adjustments
- Sampling and organisation of the implementation of the survey

Participants: Representatives from UNIKENT, IAMO, K.U. Leuven, UNWE, AKII, CUB, WUDES, USAMWB and UL.

Chair: Meeting chaired by Dr Sophia Davidova, UNIKENT. UNIKENT is the partner responsible for WP4.

A. RESULTS FROM PRE-TESTING OF THE QUESTIONNAIRE

I. Dr. Cosmin Salasan, USAMVB, Romania

By the time of the meeting, the Romanian partner had pre-tested 2 questionnaires.

- Dr. Salasan pointed out that the questionnaire had taken approximately 2.5 hours to complete. This was perceived as being too long.
- The experience from the pre-testing was that farmers do not keep records of their costs and may have problems to estimate their costs. Simplification of costs necessary, especially as regarded 2003.
- Raised the question of avoiding double sampling of households having more than one house in the village. UNIKENT explained that this should be avoided by applying the definition of a household as a unit living under the same roof. In the case of household A living in house X, supporting household B living in house Y, this situation is covered and recorded by the survey.
- In some cases, a change of respondent would need to be allowed in order to get the most accurate answer. In this case, this issue will be solved by reporting all the household members taking part in answering the questionnaire.
- A question about the share of consumption from own production was raised, meaning that it would be difficult for households to report. It was explained that the information is crucial, however a rough estimate is satisfactory for the intended purpose.

II. Tomasz Wolek, WUDES, Poland

The Polish partner had pre-tested one questionnaire.

- Questionnaire was too long. Took 3 hours to complete.
- Respondent did not understand the introduction about the SCARLED project. Would need to be simplified.
- Proposed all questions regarding household members to be on the same page.
- Proposed simplification of data on hired farm labour: days only instead of hours/day.
- Proposed restructuring of the questionnaire. More difficult questions in the beginning of the questionnaire.
- Proposed to decrease the number of plots asked for from 10 to 5.
- Raised concerns about question G.5 on p.25. Think that it does not make sense to ask one person for the opinions about other household members.

III. Dr Luka Juvancic, UL, Slovenia

The Slovenian partner had pre-tested 6 questionnaires.

- Questionnaire very difficult to work with. Problems with structure. Restructuring necessary to improve the logic.
- Far too long. From 2h40min up to 3 hours.
- Question raised about which households to include in the survey sample. It was agreed that only farm households should be included in the sample. Households would be included/excluded by applying an entry question. Households with agricultural production in both 2006 and 2003 or in either of these two years will be including, counting production from house garden and yards belonging to the house as well. Households without any agricultural production in 2003 and 2006 will not be included in the sample.
- Raised the question about the relevance of the question of social capital. Judith Möllers from IAMO replied that this section will not be a part of the general questionnaire and will not apply to Slovenia. A possible inclusion of this section would be agreed upon with partners on a country by country basis. Bulgarian partner was asked to consider the implementation of social capital section in Bulgaria.
- The questions about agricultural output need simplification (less details).

IV. AKI, Hungary

No pre-testing.

- Pointed out high importance of machinery contract work for Hungary
- Commented that the detail in agricultural production and farm is not enough to get a measurement of income situation. UNIKENT explained that income measurement is not the aim for this part.
- Provision of various editorial comments and suggestions, e.g. explanations of English terms etc. Most of the comments have been reflected and implemented in the new draft of the questionnaire.

V. Dr Nedka Ivanova, UNWE, Bulgaria

No pre-testing.

- Questionnaire perceived as too long.
- General comment that questionnaire needs focus and re-organisation.
- If possible, would like to see a regrouping of the questionnaire for different types of farm households, e.g. subsistence households, semi-subsistence households and commercial farms. UNIKENT explained that WP4 will be surveying a continuum of rural farm households, in theory ranging from 100% subsistent to 100% commercial. Moreover, there is not a consensus definition of where to draw the line between subsistence and semi-subsistence, therefore arbitrary groupings of households should be avoided at this stage.

B. DISCUSSION ON SAMPLING AND IMPLEMENTATION OF THE SURVEY

1) *Sampling*. It was agreed to include farm households only. A farm household is defined as a household with agricultural production, including from house garden or yards belonging to the house. Only farm households that had agricultural production in 2006 and 2003, or that have ceased with agricultural production during or after 2003 will be included in the sample. Participation in the survey will be determined by asking entry questions.

2) *Selection of survey regions and villages*. Partners were asked to send to UNIKENT and IAMO a description of how regions and villages had been selected. Deadline: Monday, 17 September.

3) *Village questionnaire*. A separate village questionnaire covering village infrastructure and local land market will be produced. Partners were asked to send questions for inclusion in the village questionnaire to UNIKENT and IAMO by 17 September.

4) *Length of questionnaire*. Matthew Gorton suggested that after the cut of the section about social capital, the questionnaire should not exceed 25 pages. Instructions to interviewers should be taken out from the questions and put into a separate document. However, it was explained that the total number of pages is not the issue so much as the actual time for completion of the questionnaire.

5) *Deadline for final questionnaire*. WUDES (Poland) have subcontracted the survey. The institute (IERIGZ) will carry out the survey by mid-October. The questionnaire must therefore be ready for translation by the end of September.

6) *Comments on pre-testing*. Partners promised to submit to UNIKENT their detailed comments from the pre-testing by September 17. (Comments have been received from UL, Slovenia).

7) *Training of interviewers*. Training of interviewers was called for by partners. It was pointed out that the training should be carried out by the same team of persons for consistency. Training of enumerators will be carried out by a joint team from UNIKENT and IAMO, e.g. Lena Fredriksson, Dr. Jana Fritsch, Diana Traikova, Dr. Judith Möllers.

APPENDIX 4A - RURAL FARM HOUSEHOLD QUESTIONNAIRE⁴



EUROPEAN UNION - STRUCTURAL CHANGE IN AGRICULTURE AND RURAL LIVELIHOODS

Good morning/afternoon/evening, I am _____ and I am conducting a survey on behalf of a research project of the European Union. The purpose of the project is to study the situation of farming and rural households in our country. The information you give us will be recorded anonymously and you and your household members will not be identified in any of the reports we plan to write. We will only present a summary of results for groups of households and their farms.

Questionnaire code: _____

Date of interview: Day: _____ Month: _____ 2007

Name of interviewer: _____

Country: _____ Region: _____ Village name : _____

The person to be interviewed shall be the household head. If not possible to interview the household head, the spouse of the household head can be interviewed instead.

Is the person interviewed the household head?

Yes

No

If 'No', indicate the interviewed household member's relationship (i.e. spouse, child, uncle) to the household head: _____

Do any other household members participate in the interview?

Yes

No

If 'Yes', indicate the interviewed household member's/members' relationship (i.e. spouse, child, uncle) to the household head: _____

Make the respondent understand that in this questionnaire, we are **not** surveying families. We are surveying **households**. By a household we mean a **single person or several individuals, not necessarily related, who live together, share meals and pool some or all of their income**.

⁴ Please note that some formatting changes have been made to this questionnaire compared to the original in order to fit the document template.

A. ENTRY QUESTIONS

- A.1 In **2006**, did your household cultivate land and/or keep livestock to produce agricultural products including in the gardens belonging to the house? No Yes
- A.2 In **2003**, did your household cultivate land and/or keep livestock to produce agricultural products including in the gardens belonging to the house? No Yes

NOTE TO INTERVIEWER:

- If no (2006) and yes (2003) Proceed to **QUESTIONNAIRE: EXIT FROM AGRICULTURE**
- If yes (2006) and no (2003) Proceed first to **SECTION B: ENTRY IN AGRICULTURE**, and then go through the whole questionnaire asking for **2006 only**, if not otherwise indicated.
- If yes (2006) and yes (2003) Proceed to **SECTION C: HOUSEHOLD CHARACTERISTICS**, and then go through the whole questionnaire.
- If no (2003) and no (2006) **DO NOT** survey this household.

SECTION B: ENTRY IN AGRICULTURE

B.1 As your household **did not produce** any agricultural output in 2003, but produced in 2006, please state **how important** the following factors have been for your household engaging in agricultural production. Please rate each of the following factors on a scale from 1 to 5, where 1) is **Not important**, 2) **Minor importance**, 3) **Moderate importance**, 4) **Major importance** and 5) **Most important**. If an alternative does not apply to your household, you indicate 6: **Not applicable (NA)**.

	Not Important (1)	Minor importance (2)	Moderate importance (3)	Major importance (4)	Most important (5)	NA (6)
a) Recently moved to the village	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Recently acquired land	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) Retired from another job	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d) Was made redundant on previous job	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e) To secure food provision for the household	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f) To generate income	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g) To capture CAP payments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
h) Desire to engage in agriculture	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Now please proceed to the next section, C: HOUSEHOLD CHARACTERISTICS. Then go through the whole questionnaire without asking questions referring to 2003, unless where otherwise indicated.

Status codes - C.3	Ethnicity codes - C.4	Education codes - C.5
Head of household (1) Wife/husband/partner (2) Child/step child (3) Father/mother..... (4) Brother/sister..... (5) Grandchild..... (6) Grandparent (7) Other relative..... (8) Other non-relative (9)	Own ethnicity (i.e. Polish) (1) Ethnicity 2 (2) Ethnicity 3 (3) Ethnicity 4 (4) Other (5)	No schooling (1) Primary school..... (2) Middle school (3) High school - agricultural (4) High school - non-agricultural..... (5) University - agricultural..... (6) University - non-agricultural (7)
Employment codes - C.6	Codes for previous activity - C.8	Codes for stopping activity - C.9
Farm work on own land/holding (1) Agricultural wage job off own land/holding . (2) Non-agricultural wage job (3) Agro-tourism (4a) Other non-farm family business (4b) Homework/caring for household..... (5) No work/ unemployed (6) In education..... (7) Pensioner (8)	Same (0) State sector (1) Private sector (2) Cooperative (3) Agro-tourism (4a) Other NF family business..... (4b) Household farm (5) Casual, informal job (6) Working for friends and relatives (7) Housekeeping (8) Unemployed (9) Student (10) Military service (11) Pensioner (12) Other (13)	Temporary contract terminated..... (1) Fired/Bankruptcy (2) Found better job public..... (3) Found better job private (4) Started private business (5) Went back to school/education (6) Stayed home with children/household (7) Joined military (8) Retired..... (9) Other..... (10)
Abroad codes - C.7		
No..... (0) Yes, within the country (1) Yes, within the EU (2) Yes, non - EU (3)		

SECTION C: HOUSEHOLD CHARACTERISTICS

Household member	To be filled in for ALL household members				To be filled in for household members 16 years of age and above				
	C.1 Gender	C.2. Age	C.3 Status (Relationship to household head)	C.4 Ethnicity	C.5 Education Highest level of education attended	C.6 Main employment	C.7 Has this person worked in another country or abroad during the past year?	C.8 What type of activity was "..." doing before his current job or activity? (if same, skip C.9)	C.9 Why did "..." stop doing it?
No.	Male....(0) Female (1)	Years	Status code	Ethnicity code	Education code	Employment code	Abroad code	Previous activity code	Stopping activity code
1									
2									
3									
4									
5									
6									
7									
8									

C. HOUSEHOLD CHARACTERISTICS (CONTINUED)

C.10-C.16 Considering the people of your household 16 years old and above:

No.	C.10 How would you rate '...'s chances to find a job in the local labour market that is appropriate in terms of '...'s education, preferences and wage expectations?	C.11 Is "..." currently looking for (additional or different) work?	C.12 If yes, For how many months has "..." been looking for a job? (Months)	C.13 Would "..." move out of the village in order to get a job?	C.14 Where do you see '...' in five years from now?
1.	Very bad (1) >>>>> Very good (5)	Yes. (1) <input type="checkbox"/> D.12 No..(0) <input type="checkbox"/> D.14		Yes..... (1) No (0)	Working as a full-time farmer.....(1) Part time farming.....(2) Working in a local wage job.....(3) Migrated to town.....(4) Migrated abroad.....(5) Self-employed (family business).....(6) Homework/caring for household.....(7) Retired.....(8) In education.....(9) Unemployed/no work.....(10) Don't know.....(11)
2.	RF: / ___ /				
3.	RF: / ___ /				
4.	RF: / ___ /				
5.	RF: / ___ /				
6.	RF: / ___ /				
7.	RF: / ___ /				
8.	RF: / ___ /				

SECTION D: HOUSEHOLD TIME ALLOCATIONS

D.1-D.4 Please indicate the time worked in each activity category in 2006 for all household members 16 years or older. If a household member does not work in a sector the value to enter will be '0'.

No.	D.1 Time spent working on the household farm (crop production, livestock, marketing activities) in 2006			D.2 Time spent working in agricultural wage employment in 2006			D.3 Time spent working in non-farm self-employment in 2006			D.4 Time spent working in non-farm wage employment in 2006			CONTROL % rows shall add up to 100%			
	% 2006	Months	Days/month	Hours/day	% 2006	Months	Days/month	Hours/day	% 2006	Months	Days/month	Hours/day		% 2006	Months	Days/month
(1)																
(2)																
(3)																
(4)																
(5)																
(6)																
(7)																

D.5-D.8 Please indicate how the time allocations for each household member have changed since 2003.

No.	D.5 Share of time spent working on the household farm (crop production, livestock, marketing activities)			D.6 Share of time spent working in agricultural wage employment			D.7 Share of time spent working in non-farm self-employment			D.8 Share of time spent working non-farm wage employment		
	Less (1) ◀	Unchanged (2)	More (3) ▶	Less (1) ◀	Unchanged (2)	More (3) ▶	Less (1) ◀	Unchanged (2)	More (3) ▶	Less (1) ◀	Unchanged (2)	More (3) ▶
(1)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(3)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(4)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(5)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(6)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(7)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

D.9 If there were household members in 2003 who are not longer included in your household, please state the total amount of months worked on your farm/land by this person/these persons: _____ months.

Activity Codes

None.....	(0)	Beautician, hair dresser	(26)	Agronomists, veterinary and forestry experts(12)	Glass and china industry.....(37)
Service Sector		Tailoring, embroidery, knitting.....	(27)	Lecturers, teachers, researchers etc.....(13)	Textile industry.....(38)
Trade.....	(7)	Security service	(28)	Legal staff, lawyer.....(14)	Fur and leather, shoe-making(39)
Transport.....	(3)	Car repair	(29)	Doctor	Food industry, food processing....(40)
Agro-tourism	(4a)	Construction sector, carpentry	(30)	Security and defence staff, army, police	Wires, electric, and electronic
Other tourism.....	(4b)	Artisan, crafts	(31)	Economist, Financial accounting experts	industry
Public and social services.....	(20)	Communication sector	(5)	Religion.....	Other physical labour related
Administrative staff, secretary ..	(6)	Other service activities	(32)	Other intellectual professions	professions.....(42)
Restaurant, catering.....	(21)	Intellectual professions, management		Physical labour/industry related professions	Unspecified profession.....(43)
Sales person.....	(22)	Local authorities	(8)	Agricultural/forestry sector.....	
Health care, nurse	(23)	Party and government officials	(9)	Primary sector: miner, energy.....	If uncertain about code please
Financial service	(24)	Managers of private and public enterprises .	(10)	Metallurgists, foundry workers	specify above in table!
Janitors, cleaning	(25)	Engineering and technical experts	(11)	Chemical, petrochemical, and rubber industry(35)	
				Wood processing, pulp and paper industry ...(36)	

SECTION E: HOUSEHOLD OCCUPATIONS - SELF-EMPLOYMENT

ENTRY QUESTION:

E.1 Is any of your household members 16 years old and above engaged in any self-employed activity?
 Yes No If 'No', proceed to question E.13. If 'Yes', proceed with questions E.2 to E.12.

E.2 What are the self-employment (family businesses) that the household was involved in 2006? Activity codes, description of activity if necessary	E.3 How much did the household make in cash and in kind from these activities on average per month in 2006? Currency	E.4 When did you start the activity Year	E.5 How many persons you hired did employ the activity during 2006 (if 0-> 5.1) Number	E.6 How much did you pay them per day and in total (2006) Currency Total Per day	E.7 How much other operational cost did the household have for running this activity? CURRENCY	No.	E.8 On average, how many hours per day does "..." spend in activity I, II, III...? (2006) Hours/day				E.9 On average how many months per year does "..." spend in spend in activity I, II, III...? (2006) Months/year							
							I	II	III	IV	I	II	III	IV				
I						01												
II						02												
III						03												
IV						04												
						05												
						06												
						07												

E.10 Please rate each factor according to its importance for the decision of the household to start a business on a scale from 1-5 ranging from (1) Not important to (5) Very important. (RF = rating factor) 1 ← 2 ← 3 ← 4 → 5 Very important

- a) To use the household's economic capacity in the most effective/productive way RF / ___ /
- b) Innovative product/ identification of market opportunity RF / ___ /
- c) To ensure the households living standard/ generate cash income..... RF / ___ /
- d) To smooth income RF / ___ /
- e) Lack of on-farm employment RF / ___ /
- f) Prestige of running own business, increase of social status RF / ___ /
- g) To invest available capital RF / ___ /
- h) To generate income to invest in personal development/education RF / ___ /
- i) To generate income to invest in agriculture RF / ___ /

E. HOUSEHOLD OCCUPATIONS - SELF-EMPLOYMENT (CONTINUED)

E.11 Since starting the business, what are your experienced outcomes so far? Please rate each factor on a scale from 1-5, ranging from (1) Not true to (5) True. (RF = rating factor)

Not true 1 ← 2 ← 3 → 4 → 5 True

- a) Provides significant contribution to household income RF / ___ /
- b) Higher revenues compared to farm activities RF / ___ /
- c) Comprises a high risk of losing invested capital RF / ___ /
- d) Better quality of work/more convenient than farm work RF / ___ /
- e) Improved reputation/prestige of household RF / ___ /

E.12 What are the three most important constraints hindering further self-employment activities of your household?

1. _____ 2. _____ 3. _____

E.13 Please estimate the current economic value of your household's non-farm business equipment:

Activity	Value (Currency)
I.	
II.	
III.	
IV.	

Now, proceed to question E.18.

E. HOUSEHOLD OCCUPATIONS - NO SELF-EMPLOYMENT

E.14 Does your household plan to earn an income through starting up an own off-farm business within the next 5 years? Please rate the likelihood according to a scale from 1 to 5, ranging from (1) very unlikely to (5) very likely. (RF = rating factor) RF / ____/

Very unlikely 1 ← 2 ← 3 → 4 → 5 Very likely

E.15 Please rate the importance of the following factors for why no household member currently works self-employed in a non-farm business. Rate factors according to a scale from 1-5, ranging from (1) Not important to (5) Very important. (RF = rating factor)

Not important 1 ← 2 ← 3 → 4 → 5 Very important

- | | |
|--|---|
| <p>a) Household income is sufficient/no economic pressure RF / ____/</p> <p>b) Household members prefer agricultural work..... RF / ____/</p> <p>c) Household members prefer dependent employment..... RF / ____/</p> <p>d) Insufficient time RF / ____/</p> <p>e) Insufficient knowledge or skills..... RF / ____/</p> <p>f) Insufficient information on starting a business RF / ____/</p> | <p>g) Insufficient availability of equity capital RF / ____/</p> <p>h) Insufficient availability of low cost credits RF / ____/</p> <p>i) Financial risks are too high..... RF / ____/</p> <p>j) Lack of demand/remoteness..... RF / ____/</p> <p>k) Too many competitors RF / ____/</p> <p>l) Lack of proper contacts (connections) RF / ____/</p> |
|--|---|

E.16 Would any of the following potential initiatives/actions significantly increase the likelihood of you starting a non-farm business? Answer 'Yes' or 'No'.

No(0)
Yes(1)

- | | |
|--|--|
| <p>a) Better information on business opportunities / ____/</p> <p>b) Access to specific consulting service..... / ____/</p> <p>c) Access to low cost finance / ____/</p> <p>d) Improved physical infrastructure / ____/</p> <p>e) Special development projects..... / ____/</p> <p>f) Reduced insurance and tax burden / ____/</p> <p>g) Better law enforcement..... / ____/</p> | <p>..... / ____/</p> <p>..... / ____/</p> <p>..... / ____/</p> <p>..... / ____/</p> <p>..... / ____/</p> <p>..... / ____/</p> <p>..... / ____/</p> |
|--|--|

E.17 Which are the three most important constraints hindering self-employment NF activities for your household, according to you?
 1. _____ 2. _____ 3. _____

Activity Codes

None.....	(0)	Beautician, hair dresser	(26)	Agronomists, veterinary and forestry experts(12)	Glass and china industry.....(37)
		Tailoring, embroidery, knitting.....	(27)	Lecturers, teachers, researchers etc.....	Textile industry.....(38)
Service Sector		Security service	(28)	Legal staff, lawyer.....	Fur and leather, shoe-making.....(39)
Trade.....	(7)	Car repair	(29)	Doctor	Food industry, food processing...(40)
Transport.....	(3)	Construction sector, carpentry.....	(30)	Security and defence staff, army, police.....	Wires, electric, and electronic
Agro-tourism.....	(4a)	Artisan, crafts.....	(31)	Economist, Financial accounting experts.....	industry.....(41)
Other tourism.....	(4b)	Communication sector	(5)	Religion.....	Other physical labour related
Public and social services.....	(20)	Other service activities	(32)	Other intellectual professions	professions.....(42)
Administrative staff, secretary ..	(6)				
Restaurant, catering.....	(21)	Intellectual professions, management		Physical labour/industry related professions	Unspecified profession.....(43)
Sales person.....	(22)	Local authorities.....	(8)	Agricultural/forestry sector.....	
Health care, nurse.....	(23)	Party and government officials	(9)	Primary sector: miner, energy.....	If uncertain about code please
Financial service	(24)	Managers of private and public enterprises .	(10)	Metallurgists, foundry workers.....	specify above in table!
Janitors, cleaning.....	(25)	Engineering and technical experts.....	(11)	Chemical, petrochemical, and rubber industry(35)	
				Wood processing, pulp and paper industry...(36)	

E. HOUSEHOLD OCCUPATIONS - WAGE EMPLOYMENT

ENTRY QUESTION

E.18 Is any of your household members 16 years old and above engaged in wage employment?
 If 'No', go to question E.32. If 'Yes', proceed with questions E.19 - E.31.

No

Yes

No.	E.19 What is the "..."s <u>main wage job</u> ?	E.20 What is the type of employer that "..." works for? Public. (1) Private. (2)	E.21 How far away is this job from the (farm-) house? km	E.22 How many months did "..." work on average in 2006? Months	E.23 What was the home pay (net) received per month CURRENCY	E.24 On average how many hours per day did "..." spend on this activity? Hours/day	E.25 What, if any, is "..."s <u>second job</u> ? If 0 → next person Activity code	E.26 What is the type of employer that "..." works for? Public (1) Private (2)	E.27 How far away is this job from the (farm-) house? km	E.28 How many months did "..." work in 2006? Months	E.29 On average how many hours per day did "..." spend on this activity? Hours/day	E.30 What was the home pay (net) received per month CURRENCY
01												
02												
03												
04												
05												
06												
07												
							If no person with second employment → E.31					

E.31 Please rate each factor according to its importance for the decision of the household to work in wage employment on a scale of 1-5 ranging from (1) Not important to (5) Very important. (RF = rating factor)

Not important 1 2 3 4 5 Very important

- a) To ensure the households living standard/ generate cash income RF / ___ /
- b) To use the household's economic capacity most effective/productive RF / ___ /
- c) To generate income to invest in agriculture/family business RF / ___ /
- d) To generate income to invest in personal development/education RF / ___ /
- e) Prestige of non-farm work, increase of social status RF / ___ /
- f) To smooth income/ unstable returns to agriculture RF / ___ /
- g) Lack of on-farm employment RF / ___ /

Now, proceed to questions E.33-36

E. HOUSEHOLD OCCUPATIONS - WAGE EMPLOYMENT (CONTINUED)

E.32 We are interested in learning about the reasons for not taking up wage employment. Please rate the following factors on a scale from (1) Not important to (5) Very important. (RF = rating factor)

Not important 1 ← 2 ← 3 → 4 → 5 Very important

a)	Household income is sufficient/no economic pressure.....	RF / ____ /
b)	Household members prefer agricultural work	RF / ____ /
c)	Household members prefer self-employment	RF / ____ /
d)	Insufficient knowledge or skills	RF / ____ /
e)	Insufficient information	RF / ____ /
f)	Insufficient time	RF / ____ /
g)	Age.....	RF / ____ /
h)	Age.....	RF / ____ /
i)	High regional unemployment	RF / ____ /
j)	Remoteness (difficult access to the labour market)	RF / ____ /
k)	Insecurity due to delayed or late wage payments	RF / ____ /
l)	Remoteness (difficult access to the labour market)	RF / ____ /
m)	Low wages	RF / ____ /
n)	Lack of proper contacts (connections)	RF / ____ /

Now proceed with questions E.33-E.36

E.33 Does your household plan to earn an income through taking up a wage employment within the next 5 years? Please rate the likelihood according to a scale from 1 to 5, ranging from (1) very unlikely to (5) very likely. (RF = rating factor)

Very unlikely 1 ← 2 ← 3 → 4 → 5 Very likely

E.34-36 HOUSEHOLD OCCUPATIONS - ATTITUDES. Please indicate what best describes your attitude towards agriculture, self-employment and wage employment. Here, we are interested in getting an idea of the attitudes of all household members 16 years old and above. If a person is not available to answer herself, please indicate what you believe is the attitude of this family member. Please indicate on a scale from (1) Very negative to (5) Very positive. You can also choose the option (6) Do not know/No answer. (RF = rating factor)

Very negative (1) ← Somewhat negative (2) ← Indifferent (3) → Somewhat positive (4) → Very positive (5) → Do not know/No answer (6)

HH member	E.34 Agriculture	E.35 Self-employment	E.36 Wage employment
1	RF: / ____ /	RF: / ____ /	RF: / ____ /
2	RF: / ____ /	RF: / ____ /	RF: / ____ /
3	RF: / ____ /	RF: / ____ /	RF: / ____ /
4	RF: / ____ /	RF: / ____ /	RF: / ____ /
5	RF: / ____ /	RF: / ____ /	RF: / ____ /
6	RF: / ____ /	RF: / ____ /	RF: / ____ /
7	RF: / ____ /	RF: / ____ /	RF: / ____ /

F.1 It is desired that the respondent give both total value in local currency and the share of each income category for all the categories a) to g). If a respondent is reluctant to give total values, they should answer by stating shares instead. However, it is crucial for the analysis within the SCARLED project that a monetary value is stated for the categories b) Policy support to agriculture and rural development, and g) Private transfers for 2006. If a respondent give monetary values for all categories a) - g), you should cross check that the sum equals the household's total cash income for 2006. As regards shares, cross check that the sum in each column equals 100%.

SECTION F: INCOMES

F.1 a) Please state the percentages and total values of the following income sources of total household cash income for 2006 and 2003:

	Total value		Shares	
	2006 Currency	2003 %	2006 %	2003 %
a) Farming and sales of agricultural products from own plots/farm				
b) Policy support to agriculture and rural development				
c) Cash paid work on someone else's farm				
d) Earnings from non-farm self-employed work (w/o agro-tourism)				
e) Earnings from agro-tourism				
f) Earnings from wage employment in non-farm sector				
g) Government transfers (i.e. pensions, student grants)				
h) Returns on investments and savings etc.				
i) Remittances				
If monetary values entered for a) - g), please cross check that the sum equals the household's total annual cash income for 2006. SUM:			Control:	= 100%
			= 100%	= 100%

If missing monetary values in a) -g) above:

F.2 b) Could you please state the total annual cash income for your household in 2006? _____ Currency

F.3 c) If not, could you please indicate the relevant band into which your total annual household cash income falls for 2006:

1	2	3	4	5	6	7	8	9	10

F.4 a) Could you please state your total annual cash income for 2003? _____ Currency

b) If not, please answer whether the income in 2003 compared to 2006 was:

Much lower ← **Lower** ← **About the same** → **Higher** → **Much higher**
 (1) (2) (3) (4) (5)

F.5 With your household's income, in cash and in kind, how many people do you support who are not members of your household?
 Number of people supported:

a) 2006: _____ people

b) 2003: _____ people

F. INCOMES (CONTINUED)

F.6 Having in mind your cash incomes and your consumption from own agricultural production, do you judge these being:

2006 2003

- | | | | |
|---|-----|--------------------------|--------------------------|
| a) Not enough for food and housing | (0) | <input type="checkbox"/> | <input type="checkbox"/> |
| b) Sufficient only for food and housing | (1) | <input type="checkbox"/> | <input type="checkbox"/> |
| c) Sufficient for food and housing and to cover some extra needs | (2) | <input type="checkbox"/> | <input type="checkbox"/> |
| d) Sufficient to cover a wide range of needs and live comfortably | (3) | <input type="checkbox"/> | <input type="checkbox"/> |

F.7 Considering your overall cash incomes and consumption in kind, compared to 2003 are you now:

- | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|---|-----|--------------------------|-----------|---|---|-----|--------------------------|---|---|-----|--------------------------|---|---|---|-----|--------------------------|---|---|---|-----|--------------------------|-----------------|
| Much worse off | ◀ | (1) | <input type="checkbox"/> | Worse off | ◀ | ◀ | (2) | <input type="checkbox"/> | ◀ | ◀ | (3) | <input type="checkbox"/> | ◀ | ◀ | ◀ | (4) | <input type="checkbox"/> | ◀ | ◀ | ◀ | (5) | <input type="checkbox"/> | Much better off |
|----------------|---|-----|--------------------------|-----------|---|---|-----|--------------------------|---|---|-----|--------------------------|---|---|---|-----|--------------------------|---|---|---|-----|--------------------------|-----------------|

SECTION G: FACTORS OF PRODUCTION - LAND ASSETS

G.1 Please indicate the total hectares of the following land:

2006 (ha)	2003 (ha)

- a) Total cultivated land area, including land that is temporarily fallow
 - *Of which irrigated land*
 - *Of which house garden*
- b) Land permanently fallow, not included above

G.2 Out of the land accounted for in G.1, how much is owned by your household and how much is rented?

2006 (ha)	2003 (ha)

- a) Owned by household
- b) Rented in

G.3 Please indicate your land use for the following types of crops:

2006 (ha)	Change compared to 2003		
	+	- change	NA
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

- a) Annual crops
- b) Pasture & meadows
- c) Fruit orchards
- d) Vineyards

G.4 Do you know the current rents per hectare in your area for the following types of land?

Currency /ha	Do not know
	<input type="checkbox"/>
	<input type="checkbox"/>
	<input type="checkbox"/>
	<input type="checkbox"/>

- a) Annual crops
- b) Pasture & meadows
- c) Fruit orchards
- d) Vineyards

G: FACTORS OF PRODUCTION - LAND ASSETS (CONTINUED)

G.5 Does your household have land that is permanently fallow? No Yes
 If 'Yes', proceed with question G.6, and if 'No' proceed to question G.7.

G.6 Please indicate whether you agree or disagree with the following statements about the reasons for you leaving land permanently fallow:

	Totally disagree (1)	Somewhat disagree (2)	Neither agree or disagree (3)	Somewhat agree (4)	Totally agree (5)	NA (6)
a) Agricultural production is not profitable	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) We do not have enough capital to farm the land	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) We do not have enough labour to farm the land	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d) Land is of too low quality	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e) There is no access road to reach the land	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f) Conflict over ownership or use rights of the land	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g) Land is located in a nature protected area	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

G.7 a) How many plots do you operate? (Number)

b) What is the distance to your most distant plot? (km)

2006	2003

G.8 Please state the following for your biggest plots (max.5 biggest plots):

Plot No.	Size (ha)		Distance (km)	
	2006	2003	2006	2003
1				
2				
3				
4				
5				

I: FACTORS OF PRODUCTION - LAND ASSETS (CONTINUED)

G.9 Consider the following statements about buying/renting in and selling/renting out land and indicate whether you agree or disagree:

	Totally disagree (1)	Somewhat disagree (2)	Neither agree or disagree (3)	Somewhat agree (4)	Totally agree (5)	NA (6)
BUYING LAND						
a) We would like to buy more land	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) It is too expensive to buy land	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) It is difficult to find land to buy	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d) Legal procedures makes it difficult to buy land	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e) It is difficult to know if there are potential conflicts over rights in land	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
RENTING IN LAND						
f) We would like to rent in more land	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g) It is too expensive to rent land	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
h) It is difficult to find land to rent	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
i) It is difficult to know if there are potential conflicts over rights in land	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SELLING LAND						
j) We would like to sell land	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
k) Current market prices for land are too low for us to sell land	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
l) It is difficult to find buyers for land	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
m) Legal procedures make it difficult to sell land	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
n) We do not have clear titles for land we wish to sell	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
RENTING OUT LAND						
o) We would like to rent out land	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
p) Current rents for land are too low for us to rent out land	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
q) It is difficult to find people willing to rent land	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
r) We do not have clear titles for the land we wish to rent out	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

G.10 According to current regulations, is it possible for your household to sell a part of the garden or yard currently belonging to your house without also selling the house?
 No Yes

G.13 and G.15 Please make sure to indicate clearly the unit of measurement for wages, i.e. per hour, day, week or month.

G: FACTORS OF PRODUCTION - FARM LABOUR

G.11 Do you farm your land with household labour only?

2006	2003
No <input type="checkbox"/> Yes <input type="checkbox"/>	No <input type="checkbox"/> Yes <input type="checkbox"/>

If 'Yes' (2006) and 'Yes' (2003), proceed to question G.15. If any 'No' answer, proceed with question G.12.

G.12 How many people do you employ for wages?

2006 (Number)	2003 (Number)

- a) Full-time workers
- b) Part-time workers
- c) Seasonal workers

G.13 What is the average wage you pay:

- a) a full-time worker
- b) a part-time worker
- c) a seasonal worker?

2006	2003
Currency	Currency
per _____	per _____
per _____	per _____
per _____	per _____

G.14 Please indicate for 2006 only the average working length for:

- a) a full-time worker:
- b) a part-time worker:
- c) a seasonal worker:

2006
Hours/Day _____
Hours/Day _____
Months/Year _____

G.15 a) Do you pay wages to your household members?

2006	2003
No <input type="checkbox"/> Yes <input type="checkbox"/>	No <input type="checkbox"/> Yes <input type="checkbox"/>

b) If any 'yes' answer, what was the average wage you paid a household member?

2006	2003
Currency	Currency
per _____	per _____

G: FACTORS OF PRODUCTION - MACHINERY

G.16 How do you farm your land now, and how did you farm in 2003?

- | | 2006 | 2003 |
|--|--------------------------|--------------------------|
| a) Mainly with own agricultural machinery | <input type="checkbox"/> | <input type="checkbox"/> |
| b) Mainly with other peoples' agricultural machinery (i.e. shared, contractors') | <input type="checkbox"/> | <input type="checkbox"/> |
| c) Mainly with draft animals and agricultural machinery | <input type="checkbox"/> | <input type="checkbox"/> |
| d) Mainly manually | <input type="checkbox"/> | <input type="checkbox"/> |

G.17 What machinery do you currently own, fully or partially?

	A. Do you own any of the following agricultural equipment? If yes, do you own this fully or partially?		B. If yes, how many do you own (fully or partially)?		C. If you sold your agricultural equipment now, both fully and partially owned, how much money do you think would you get? Currency	D. Consider your agricultural equipment, both fully and partially owned. Compared to 2003 do you now own:
	No	If partially, enter owned share %	Fully	Partially		
a) Tractor						More (1) Less (2) About the same (3) Not owned in 2003 (4)
b) Lorry, Truck						
c) Plough						
d) Sowing machinery						
e) Harvesting machinery						
f) Irrigation equipment						
g) Chemical spraying equipment						
h) Milking device						

G.18 If you own machinery now or owned machinery in 2003, did you provide services to others with your machinery?
a) 2006: No Yes b) 2003: No Yes

G.19 Consider the following statements about your current availability of buildings including greenhouses. Tick only one alternative.

- a) To engage in market activity the household would need more buildings (1)
- b) Sufficient for all the household's desired activities (2)
- c) Sufficient for most of the household's desired activities (3)

SECTION H: AGRICULTURAL PRODUCTION, USE AND SALES

Now, we would like to ask you some questions about your agricultural production, use and sales.

H.1 In 2006, how did your agricultural production compare to your total agricultural production in 2003:

	Much lower (1)	Slightly lower (2)	About the same (3)	Slightly higher (4)	Much higher (5)
a) Volume (Quantity)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Value (Currency)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

H.2 Consider the following statements regarding your current aims for agricultural production. Indicate whether you agree or disagree with the following statements as regards your own aims in farming. Please rate each statement according to the scale below.

	Totally disagree (1)	Somewhat disagree (2)	Neither agree or disagree (3)	Somewhat agree (4)	Totally agree (5)
a) To provide food for the household	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) To provide work for household members	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) To transfer to the next generation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d) To enjoy farming	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e) To generate cash income	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f) To maximise income in cash and in kind	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

H.3 Consider the following statements about agricultural production, and indicate whether you agree or disagree with them regarding your own household's agricultural production. Indicate on the scale below, ranging from (1) Totally disagree to (5) Totally agree.

	Totally disagree (1)	Somewhat disagree (2)	Neither agree or disagree (3)	Somewhat agree (4)	Totally agree (5)
a) We have good profitability	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) We have sufficient contracts with buyers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) We use agricultural business advice and information	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d) We fully employ household members	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e) We only produce for the provision of safe food for the household	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

H.7 If the respondent cannot give an exact percentage share, they should be asked to make a best guess. An 'X' response for 'does not know/does not remember' **should not** be given for this question.

H. AGRICULTURAL PRODUCTION, USE AND SALES (CONTINUED)

H.4 How do you characterise yourself:

- a) I tend to take substantial risk.....(1)
- b) I try to avoid risk when possible.....(2)
- c) I neither seek nor avoid risk.....(3)

H.5 Consider the following options. Which one would you chose?

- a) You decide to sell your next year's crop to a marketing or purchasing cooperative now, and for this you are assured of a guaranteed price per tonne (1)
- b) You decide to sell your crop yourself, knowing that the price at the time of sales may be either higher or lower than the contract price in alternative A. (2)
- c) You are indifferent between the two options A and B..... (3)

H.6 The following question regards possible constraints to increase agricultural production. Consider the following statements and indicate whether you agree or disagree with them regarding your own household's agricultural production. Use the scale below.

	Totally disagree (1)	◀ disagree (2)	Neither agree or disagree (3)	▶ agree (4)	Totally agree (5)
a) We do not produce for pecuniary reasons	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) We get satisfactory income from our current sales	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) We lack capital	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d) We receive low prices for our agricultural output	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e) We lack necessary skills and education	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f) We lack information and advice on markets and prices	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g) We cannot meet standards of buyers or public regulations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
h) The market and transport infrastructure prevent us from selling our products	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
i) Age/health prevent us from producing more than we currently do	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

H.7 We will now ask you a few detailed questions about your sales of agricultural products and about your consumption of self-produced food. Firstly, what share of your total agricultural production did you sell for cash:

- a) In 2006? _____ %
- b) In 2003? _____ %

- If the household has increased its share of sales with 10 percentage points or more between 2003 and 2006, proceed to question H.8.
- Example: Increases of the sales share from 5 to 15%; 50 to 60%; and 90 to 100% are all examples of an increase of 10 percentage points.
- For lower increases than 10 percentage points, decreases and for households that have entered agriculture after 2003, proceed to question H.9.
- If household sells 100% of output, tick this box and continue to question H.10.

H. AGRICULTURAL PRODUCTION, USE AND SALES - HOUSEHOLDS HAVING INCREASED SALES WITH MORE THAN 10%

H.8 Since 2003, your household has increased the share of sales with more than 10 percentage points. Please indicate whether you agree or disagree with the importance of the following statements regarding factors that may have permitted you to increase your sales. If a statement does not apply to you choose 6: Not applicable (NA).

	Totally disagree (1)	◀◀ Somewhat disagree (2)	◀◀ Neither agree or disagree (3)	▶▶ Somewhat agree (4)	▶▶ Totally agree (5)	NA (6)
a) There has been an increase in agricultural market prices	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) We have accessed more land	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) We have specialised production into fewer products	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d) We have invested in new machinery	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e) We have got access to credit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f) We now have access to qualified labour	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g) We have established contracts with buyers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
h) We have received advice on how to meet quality standards of buyers and public regulations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
i) We have got training in marketing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
j) We have collaborated with other households or farms to collectively market output	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
k) We have collaborated with other households or farms to collectively buy inputs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
l) We have received policy payments to agriculture and rural development	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
m) Market and transport infrastructure have improved	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Now, proceed to question H. 10.

H. AGRICULTURAL PRODUCTION, USE AND SALES - HOUSEHOLDS NOT HAVING INCREASED SALES WITH MORE THAN 10%

H.9 If you were to increase the share of sales of your agricultural production, please indicate whether you agree or disagree with the following statements. Use the scale below.

	Totally disagree (1)	Somewhat disagree (2)	Neither agree or disagree (3)	Somewhat agree (4)	Totally agree (5)
a) Agricultural market prices would need to be higher	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) We would need more land	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) We would need to specialise production into fewer products	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d) We would need to invest in new machinery	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e) We would need credit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f) We would need to collaborate with other households or farms to collectively market output	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g) Market and transport infrastructure would need to be improved	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
h) We would need advice on how to meet the standards of buyers and comply with public regulations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
i) We would need training in marketing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
j) We would need (higher) policy payments to agriculture and rural development	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
k) We would need contracts with buyers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Now, proceed to next question, H.10.

H. AGRICULTURAL PRODUCTION, USE AND SALES - ATTITUDES

H.10 How do you think about households that sell the majority of their total agricultural production? Indicate on a scale from 1 to 5 whether you agree or disagree with the following statements:

	Totally disagree (1)	Somewhat disagree (2)	Neither agree or disagree (3)	Somewhat agree (4)	Totally agree (5)
a) They are progressive farmers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) They have good farming skills	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) It is a means for their survival	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d) They are successful in agriculture	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e) They take high risk	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

H.11 Now, how do you think about households that consume the majority of their total agricultural production themselves?

	Totally disagree (1)	Somewhat disagree (2)	Neither agree or disagree (3)	Somewhat agree (4)	Totally agree (5)
a) They are progressive farmers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) They have good farming skills	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) It is a means for their survival	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d) They are successful in agriculture	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e) They take high risk	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

H.12 Any blanks will be considered to be zeros. Indicate by 'X' if there is an amount but that this amount cannot be remembered or estimated. Do not enter value in ('000) but in total value in local currency without abbreviations.

- **Column B: Quantity harvested.** If the yield is given in quantity/ha or quantity/decare, multiply with area cultivated to get the total quantity harvested.
- **Column D: Value of sales.** Indicate clearly the unit i.e. price/kg or price/tonne. The unit shall be a **tangible weight or volume**. For example, if the respondent answers 'per bag' or 'per box', you should ask for an estimate for the average weight of 'a bag' or 'a box'.

H. AGRICULTURAL PRODUCTION, USE AND SALES - CROP PRODUCTION

H.12 We will now move over to ask you questions about your crop production in 2006. What was the production and use of each crop in 2006?
 If household not involved in any crop production in 2006, tick box and go to next page:

Product	A. Cultivated area		B. Quantity harvested		C. Quantity sold for cash		D. Sales price		E. Quantity transferred to household consumption or home processing		J. Quantity given out as wages/land rent/for machinery and/or animal services	K. Main buyer of products Commercial private buyer (1) Through a marketing or other cooperative (2) Directly sold by you to market or customer (3)	L. Contract sales. Not sold on contract (0) With sales contract, no provision of inputs or technical advice (1) With sales contract, contractor provides inputs or technical advice (2)
	Ha	% from HG	Tonnes	% from HG	Tonnes	% from HG	Currency	Unit	Tonnes	% from HG			
a) Wheat													
b) Maize for grain													
c) Barley													
d) Other cereals													
e) Oilseeds (sunflower, rape seed, etc.)													
f) Fodder													
g) Sugar beets													
h) Potatoes													
i) Pulses (beans, lentils etc.)													
j) Greenhouse vegetables													
k) Field vegetables													
l) Grapes													
m) Apples and orchard fruits													
n) Other fruits and berries													
o) Hops													
p) Tobacco													
q) Hemp													
r) Herbs and flowers													
s) Nurseries													

H. AGRICULTURAL PRODUCTION, USE AND SALES - LIVESTOCK

H.13 Did your household have any livestock in: a) 2006: No Yes
 b) 2003: No Yes If 'yes' (2006) proceed with questions H.14-H.16. Otherwise proceed to question H.17.

H.14 Livestock in 2006. Please indicate:

	Number of animals at the beginning of 2006:		Compared to the end of 2006, indicate difference in numbers		Sales of live animals during 2006		Sales value per head	If livestock in both 2003 and 2006, did you have more/less/about the same number of animals in the beginning of 2006 compared to the beginning of 2003?		
	Total number	No. in HG	+	-	Total number	No. from HG		Currency	More	Less
a) Cattle								<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Sheep, lamb and goats								<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) Pigs								<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d) Poultry								<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

H.15 Please indicate the following for your household's meat production for 2006:

	A. Number of animals slaughtered		B. Average dead weight per head sold		C. Average sales value per head sold		D. Dead weight of meat from own animals kept for household consumption		E. Dead weight of meat given out in kind as wages/land rent/for machinery services		F. Change in total number of slaughtered animals compared to 2003	
	Total	From HG	Total	From HG	Total	From HG	Total	From HG	Total	From HG	Total	From HG
a) Cattle												
b) Sheep, lamb and goats												
c) Pigs												
d) Poultry												

Increase (1)
 Decrease (2)
 No change (3)

H. AGRICULTURAL PRODUCTION, USE AND SALES - PROCESSED PRODUCTS

H.16 What products did your household produce, process and sell in 2006?

Product	A. Total production		B. Total quantity sold for cash		C. Total value of sales		D. Who was the main buyer of your products? Commercial private buyer..... (1) Through a marketing or other cooperative (2) Directly sold by household market/customer..... (3)	F. Contract sales Not sold on contract (0) With sales contract, no provision of inputs or technical advice (1) With sales contract, contractor provides inputs or technical advice. (2)
	No. of units	Kg	No. of units	Kg	Currency/unit			
a) Cow milk		Kg		Kg	/Kg			
b) Sheep or goat milk		Litres		Litres	/Litre			
c) Cheese		Kg		Kg	/ Kg			
d) Butter		Kg		Kg	/ Kg			
e) Yoghurt		Kg		Kg	/ Kg			
f) Eggs		Pieces		Pieces	/ ___ piece(s)			
g) Honey		Kg		Kg	/ Kg			
h) Pickled vegetables		Kg		Kg	/ Kg			
i) Jam		Kg		Kg	/ Kg			
j) Sausages		Kg		Kg	/ Kg			
k) Wine		Litres		Litres	/Litre			
l) Spirits		Litres		Litres	/Litre			
m)Flour		Kg		Kg	/ Kg			

H.17 If your household produced, processed and sold products in 2003, indicate how your production in 2006 was compared to your production in 2003 considering:

- | | | | |
|---|------------------------------|------------------------------|------------------------------|
| | Lower ← | About the same → | Higher |
| a) Number of types of products sold | (1) <input type="checkbox"/> | (2) <input type="checkbox"/> | (3) <input type="checkbox"/> |
| b) Total volume (quantity) of products sold | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| a) Total value of products sold | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

I.5 Consider for example consumption of cheese. If the household does not produce any cheese itself, enter 0. If the household does not consume any cheese at all, enter NA. If the household both produces and buys cheese, you enter the share of cheese consumption that the household produces itself. If the household produces 80% of its cheese consumption and buys the rest, 20%, you enter 80%, since that is the household's contribution to its total cheese consumption.
Please note that a **rough estimate is good for this question**, i.e. 10, 25 or 80%. It is thus not necessary to give an exact measure, i.e. 23 or 72,5% for this question.

SECTION I: CONSUMPTION

- I.1 What is the **total amount** of money that you normally spend in your household each month? _____ Currency
- I.2 In your household, what amount do you normally spend on **food** each month? _____ Currency
- I.3 How much do you normally spend on **housing** each month? (Water, gas and electricity bills, and rent, if any) _____ Currency
- I.4 The following questions deal with your household's consumption of food and beverages produced by yourselves. Please estimate the total share of your household's **total food and beverage consumption** that comes from the household's own production:
 a) 2006: _____ %
 b) 2003: _____ %

I.5 a) From your total annual household consumption of the following products, what share came from your household's own production?

b) Alternatively, if the household cannot recall the share for 2003, indicate how the share was in 2003 compared to 2006:

	2006 (%)	2003 (%)	Higher (1)	Lower (2)	About the same (0)
a) Beef, veal			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Mutton, lamb, goat meat			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) Pork			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d) Poultry meat			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e) Milk			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f) Cheese			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g) Butter			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
h) Yoghurt			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
i) Eggs			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
j) Fruit			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
k) Vegetables (fresh or pickled)			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
l) Potatoes			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
m) Honey			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
n) Jam			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
o) Sausages			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
p) Wine			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
q) Spirits			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
r) Flour			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

- I.6 How do you judge the contribution of your own food production to your household's welfare?
- a) Not important (0) 2006 2003
- b) Essential for survival (1)
- c) Very important (2)

J.1 **Columns A. and C. Please indicate clearly the unit of measurement.** The unit shall be a **tangible weight or volume**. For example, if the respondent answers ‘per bag’ or ‘per bucket’, you should ask for an estimate for the average weight of ‘a bag’ or the average litres of ‘a bucket’.

Column C: Quantity of inputs used, is what the household really used. The quantity purchased may not be the same as the quantity used, since all bought input may not actually be used and/or inputs from previous year(s) may have been used too.

SECTION J: FARM INPUTS AND RELATIONS WITH BUYERS AND INPUT SUPPLIERS

J.1 We would need some information about the inputs you use in your agricultural production. Which inputs did you use, buy and sell in 2006?

	A. Quantity of purchased inputs in 2006		B. Expenditure for purchase of input in 2006	C. Quantity of used inputs in 2006	D. What proportion of the inputs used was produced on your own farm in 2006?	E. Number of applications	F. Main supplier for the inputs used/purchased in 2006?	G. Proportion of inputs provided as part of contracts for sale of crops or livestock in 2006	H. Contract codes
	Currency	Unit							
a) Seeds									
b) Feed grain									
c) Hay or other fodder									
d) Concentrated feed									
e) Fuel for machinery									
f) Irrigation water									
g) Manure									
h) Chemical									
i) Veterinary drugs and services									
j) Herbicides									
k) Fungicides									
l) Insecticides									

J.2 Compare your household's total expenditures in 2006 for the inputs in J.1 to your total expenditures for the inputs in J.1 in 2003. Were the total expenditures for inputs in 2006 "..." compared to 2003:

	Lower <input type="checkbox"/> (2)	About the same <input type="checkbox"/> (3)	Higher <input type="checkbox"/> (4)	Much higher <input type="checkbox"/> (5)
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

J.3 Quality. By quality changes are intended i.e. higher/lower active content; higher/lower efficiency; easier/more difficult to handle; easier/more difficult for the soil to absorb.

J. FARM INPUTS AND RELATIONS WITH BUYERS AND INPUT SUPPLIERS (CONTINUED)

J

.3 Please compare the volume (quantity) and quality of your used inputs in 2006 in comparison to 2003.

	Volume 2006 compared to 2003 is:			Quality 2006 compared to 2003 is:			
	Lower (1)	About the same (2)	Higher (3)	Worse (1)	About the same (2)	Better (3)	NA (0)
a) Manure	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Chemical fertiliser	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) Veterinary services and drugs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d) Herbicides	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e) Fungicides	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f) Insecticides	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Now a few questions about your household's sales of agricultural products and purchases of agricultural input.

<p>J.4 Do you transport your commodities yourself to the buyer/sales point?</p> <p style="text-align: center;">No <input type="checkbox"/> Yes <input type="checkbox"/></p>	<p>J.7 Do you travel yourself to buy inputs?</p> <p style="text-align: center;">No <input type="checkbox"/> Yes <input type="checkbox"/></p>
<p>J.5 a) If 'yes' on average, how far do you have to transport your products? _____ km</p> <p>b) on average, how long does this transporting take you? _____ hours</p>	<p>J.8 a) If 'yes', on average, how far do you have to travel for inputs? _____ km</p> <p>b) on average, how long does this travel take you? _____ hours</p>
<p>J.6 If 'no', how much do you pay for transporting service?</p> <p style="text-align: center;">a) _____ currency/km or b) _____ currency/tonne or c) Do not know <input type="checkbox"/></p>	<p>J.9 If 'no', on average, how much do you pay for transporting service of inputs?</p> <p style="text-align: center;">a) _____ currency/km or b) _____ currency/tonne or c) Do not know/ Transport included in price product <input type="checkbox"/></p>

J. FARM INPUTS AND RELATIONS WITH BUYERS AND INPUT SUPPLIERS (CONTINUED)

We would also like to learn about your household's relations with buyers and input providers.

RELATIONS WITH BUYERS

RELATIONS WITH INPUT PROVIDERS

- J.10 a) How many buyers of your agricultural products do you deal with altogether? _____ buyers
 b) How many buyers of your agricultural products do you deal with on average per commodity? _____ buyers/commodity

J.14 How many agricultural input suppliers do you deal with altogether? _____ suppliers

J.11 In general, do buyers of your agricultural products pay on time?

- a) Yes, cash on delivery (1)
- b) Yes, payment on agreed date for payment (2)
- c) No, but less than 3 months delayed payments (3)
- d) No, and more than 3 months delayed payments... (4)

J.12 If payments of your agricultural products are delayed over 3 months, what prevents you from changing buyer?

- a) Nothing (1)
- b) Bound by contract (2)
- c) Transport distance/costs (3)
- d) Higher quality requirements of the other buyers... (4)

J.13 a) Do buyers of your agricultural products offer credit for purchasing inputs? No Yes

J.15 a) Do your agricultural input suppliers offer credit for purchasing inputs? No Yes

b) If 'yes', do you use this option? No Yes

b) If 'yes', do you use this option? No Yes

J.16 Has your household used:

	2006	2003
a) Formal credit for production and marketing	No <input type="checkbox"/> Yes <input type="checkbox"/>	No <input type="checkbox"/> Yes <input type="checkbox"/>
b) Technical assistance for production and marketing	No <input type="checkbox"/> Yes <input type="checkbox"/>	No <input type="checkbox"/> Yes <input type="checkbox"/>

J.17 If your household has loans for production and marketing, what is the total amount of loans you currently still owe? _____ currency

SECTION K: FUTURE FARMING ACTIVITY

As a final important part of this survey, we would like to learn about rural households' plausible future farming activity.

K.1 Consider the following statements. What option best describes the **main objective** for your household's agricultural activity in the **next 5 years**? Choose only **one** alternative.

- a) No change
- b) To cease farming
- c) To scale down farming
- d) To increase the share of sales
- e) To retire
- f) To transfer to the next generation
- g) Intensify farming (increase labour/resource input)
- h) Decrease farming intensity (decrease labour/resource input)
- i) Specialise farming

If b) 'To cease farming':
 K.2 What does your household intend to do with the land?
 a) Keep the land (unused) (1)
 b) Rent out land (2)
 c) Sell land (3)

K.3 Has a successor for the farm already been designated by the household? **No** **Yes** **NA**
 If 'Yes', go to question K.5, otherwise please answer question K.4.

K.4 There is a potential successor, but we do not know whether he will really continue the farming activities? **No** **Yes** **NA**

K.5 How do you evaluate the economic prospects of your farm within a timeframe of 5 years? Please rate on a scale from (1) **Not competitive/Low profitability** to (5) **Very competitive/High profitability**.

Not competitive/ 1 ▶▶ 2 ▶▶ 3 ▶▶ 4 ▶▶ 5 **Very competitive/**
Low profitability

K.6 What is the most important reason for you to think so? (see K.5 above)
 State reason: _____

K.7 Do you consider (additional) non-farm wage employment as an important income strategy for the future of your household?

- a) No (0)
- b) Yes, part-time.... (1)
- c) Yes, full-time..... (2)

K: FUTURE FARMING ACTIVITY (CONTINUED)

K.8 How would the following influence the probability of your household to invest in farming? Please rate each item on a scale from (1) No influence to (5) High influence. (RF = Rating Factor)

	1	◀	2	◀◀	3	▶▶	4	▶	5	
	No influence									High influence
a) Increase in sales price of agricultural products.....	RF: /									RF: /
b) Contracts with buyers	RF: /									RF: /
c) Access to agricultural credit	RF: /									RF: /
d) Access to subsidies/grants for farmers	RF: /									RF: /
e) Additional land	RF: /									RF: /
f) Land consolidation.....	RF: /									RF: /
g) Availability of labour	RF: /									RF: /

K.9 How would the following influence the probability of your household to cease with agricultural production within the next 5 years? Please rate each item on a scale from (1) No influence at all to (5) High influence. (RF = Rating Factor)

	1	◀	2	◀◀	3	▶▶	4	▶	5	
	No influence									High influence
a) Early retirement program.....	RF: /									RF: /
b) Better opportunities to work off-farm	RF: /									RF: /
c) Good possibility to sell land	RF: /									RF: /
d) EU regulations that cannot be fulfilled	RF: /									RF: /
e) Access to credits to invest in non-farm business	RF: /									RF: /

K.10 Finally, how do you judge your household's abilities to adapt to the following EU regulations? Please rate on a scale from (1) Very difficult to (5) Very easy. (RF = Rating Factor)

	1	▶	2	▶▶	3	▶▶▶	4	▶▶▶▶	5		
	Very difficult										Very easy
a) Veterinary and phytosanitary standards	RF: /										RF: /
b) Food safety and quality standards	RF: /										RF: /
c) Animal welfare regulations	RF: /										RF: /
d) Production quotas	RF: /										RF: /

Dear Sir/Madam, thank you very much for your time and your cooperation. We remind you that your answers are anonymous and strictly confidential. Your name and address will never be used to identify the answers given by you.

Name of respondent: _____
Address: _____

It is possible that this study will need to be followed up by a short re-visit or a phone call sometime within the next 3 years. In case there will be a future follow up on this study, would you give your consent to us contacting you again?

No Yes

If yes, please ask the respondent for the household's phone number: _____

APPENDIX 4B - EXIT FROM AGRICULTURE⁵

⁵ Please note that some formatting changes have been made to this questionnaire compared to the original in order to fit the document template.



QUESTIONNAIRE - EXIT FROM AGRICULTURE

EUROPEAN UNION - STRUCTURAL CHANGE IN AGRICULTURE AND RURAL LIVELIHOODS

Good morning/afternoon/evening, I am _____ and I am conducting a survey on behalf of a research project of the European Union. The purpose of the project is to study the situation of farming and rural households in our country. The information you give us will be recorded anonymously and you and your household members will not be identified in any of the reports we plan to write. We will only present a summary of results for groups of households and their farms.

Questionnaire code: _____ Date of interview: Day: _____ Month: _____ 2007

Name of interviewer: _____

Country: _____ Region: _____ Village name: _____

The person to be interviewed shall be the household head. If not possible to interview the household head, the spouse of the household head can be interviewed instead.

Is the person interviewed the household head?

? Yes

? No If 'No', indicate the interviewed household member's relationship (i.e. spouse, child, uncle) to the household head: _____

Do any other household members participate in the interview?

? Yes If 'Yes', indicate the interviewed household member's/members' relationship (i.e. spouse, child, uncle) to the household head: _____

? No

Make the respondent understand that in this questionnaire, we are **not** surveying households. We are surveying households. By a household we mean a **single person or several individuals, not necessarily related, who live together, share meals and pool some or all of their income.**

A. REASONS FOR EXIT FROM AGRICULTURE

Since 2003, your household has ceased with agricultural production. One of the aims of the SCARLED project is to understand why rural households like yours have given up agricultural production, and also to investigate the current situation of such households. We would therefore like to ask you a few questions about your current situation as well as about your agricultural production in 2003.

A.1 First of all, could you please indicate how important different factors have been for your household to give up farming. Please rate each of the following factors on a scale from 1 to 5, where 1) is **Not important**, 2) **Minor importance**, 3) **Moderate importance**, 4) **Major importance** and 5) **Most important**. If an alternative does not apply to your household, you indicate 6: **Not applicable (NA)**.

	Not Important (1)	Minor importance (2)	Moderate importance (3)	Major importance (4)	Most important (5)	NA (6)
a) Gained a better employment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Now gain pension	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) No successor	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d) Low profitability	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e) Inability to meet buyers quality standards and public regulations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f) High risk	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g) Insufficient farming skills	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
h) Insufficient marketing skills	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
i) Insufficient capital	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
j) Loss of access to land	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
k) Poor market and transport infrastructure	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
l) We do not like to be engaged in farming	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

B. FORMER AGRICULTURAL ACTIVITY, ATTITUDES AND FUTURE INTENTIONS

B.1 In 2003, how much land did your household cultivate?

2003 (ha)

- a) Total cultivated land area
- b) - *Of which irrigated land*
- c) - *Of which house garden*

B.2 Out of the land accounted for above, how much was owned by your household and how much was rented?

2003 (ha)

- a) Owned by household
- b) Rented

B.3 Please indicate your household's land use for the following types of crops:

2003 (ha)

- a) Annual crops
- b) Pasture
- c) Orchards and other permanent crops
- d) Vineyards

B.4 In 2003, how many livestock did your household have?

Livestock	Number beginning 2003	Number end 2003
a) Cattle		
b) Sheep, lamb and goats		
c) Pigs		
d) Poultry		

B.5 In 2003, how did you mainly farm your land?

- a) Mainly with own agricultural machinery(1)
- b) Mainly with borrowed/rented/shared machinery(2)
- c) Mainly with draft animals and agricultural machinery(3)
- d) Mainly manually(4)

B. FORMER AGRICULTURAL ACTIVITY, ATTITUDES AND FUTURE INTENTIONS (CONTINUED)

B.6 Since ceasing with agricultural production, what have you done with your land, not including gardens or yards belonging to the house?

Sold %	Rented out %	Left unused %	Control: Row shall add up to 100%

B.7 Consider the following statements about selling/renting out land and indicate whether you agree or disagree:

	Totally disagree	Somewhat disagree	Neither agree or disagree	Somewhat agree	Totally agree	NA
	(1)	(2)	(3)	(4)	(5)	(6)
SELLING LAND						
s) We would like to sell land	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
t) Current market prices for land are too low for us to sell land	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
u) It is difficult to find buyers for land	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
v) Legal procedures make it difficult to sell land	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
w) We do not have clear titles for land we wish to sell	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
RENTING OUT LAND						
x) We would like to rent out land	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
y) Current rents for land are too low for us to rent out land	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
z) It is difficult to find people willing to rent land	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
aa) We do not have clear titles for the land we wish to rent out	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

B. FORMER AGRICULTURAL ACTIVITY, ATTITUDES AND FUTURE INTENTIONS (CONTINUED)

- B.8 How do you characterise yourself:
- a) I tend to take substantial risk (1)
 - b) I try to avoid risk when possible (2)
 - c) I neither seek nor avoid risk (3)
- B.9 Consider the following options. Which one would you chose?
- a) You decide to sell your output on a 1-year contract, and for this you will receive a guaranteed price. (1)
 - b) You decide to sell your output as and when it is produced, knowing that the price at the time of sales may be either higher or lower than the contract price in alternative a)..... (2)
 - c) You are indifferent between the two options a) and b) (3)
- B.10 Does your household consider taking up agricultural production again?
- a) No (0)
 - b) Yes, as a hobby activity (1)
 - c) Yes, for household food provision (2)
 - d) Yes, for household food provision and sales (3)
 - e) Yes, primarily for sales (4)

Status codes - C.3	Ethnicity codes - C.4	Education codes - C.5
Head of household (1) Wife/husband/partner (2) Child/step child (3) Father/mother (4) Brother/sister (5) Grandchild (6) Grandparent (7) Other relative (8) Other non-relative (9)	Own ethnicity (i.e. Polish) (1) Ethnicity 2 (2) Ethnicity 3 (3) Ethnicity 4 (4) Other (5)	No schooling (1) Primary school (2) Middle school (3) High school - agricultural (4) High school - non-agricultural (5) University - agricultural (6) University - non-agricultural (7)
Employment codes - C.6	Codes for previous activity - C.8	Codes for stopping activity - C.9
Farm work on own land/holding (1) Agricultural wage job off own land/holding . (2) Non-agricultural wage job (3) Agro-tourism (4a) Other non-farm family business (4b) Homework/caring for household (5) No work/ unemployed (6) In education (7) Pensioner (8)	Same (0) State sector (1) Private sector (2) Cooperative (3) Agro-tourism (4a) Other NF family business (4b) Household farm (5) Casual, informal job (6) Working for friends and relatives (7) Housekeeping (8) Unemployed (9) Student (10) Military service (11) Pensioner (12) Other (13)	Temporary contract terminated (1) Fired/Bankruptcy (2) Found better job public (3) Found better job private (4) Started private business (5) Went back to school/education (6) Stayed home with children/household (7) Joined military (8) Retired (9) Other (10)
Abroad codes - C.7		
No (0) Yes, within the country (1) Yes, within the EU (2) Yes, non - EU (3)		

SECTION C: HOUSEHOLD CHARACTERISTICS

Household member	To be filled in for ALL household members				To be filled in for household members 16 years of age and above				
	C.1 Gender	C.2. Age	C.3 Status (Relationship to household head)	C.4 Ethnicity	C.5 Education Highest level of education attended	C.6 Main employment	C.7 Has this person worked in another country or abroad during the past year?	C.8 What type of activity was "..." doing before his current job or activity?	C.9 Why did "..." stop doing it?
No.	Male... (0) Female (1)	Years	Status code	Ethnicity code	Education code	Employment code	Abroad code	Previous activity code	Stopping activity code
1									
2									
3									
4									
5									
6									
7									
8									

SECTION D: HOUSEHOLD TIME ALLOCATIONS

D.1-D.3 Please indicate the time worked in each activity category in 2006 for all household members 16 years or older. If a household member does not work in a sector the value to enter will be '0'.

No.	D.1 Time spent working in agricultural wage employment in 2006			D.2 Time spent working in non-farm self-employment in 2006			D.3 Time spent working in non-farm wage employment in 2006			CONTROL % shall add up to 100%		
	% 2006	Months	Days/month	Hours/day	% 2006	Months	Days/month	Hours/day	% 2006		Months	Days/month
(1)												
(2)												
(3)												
(4)												
(5)												
(6)												
(7)												

D.4-D.6 Please indicate how the time allocations for each household member have changed since 2003.

No.	D.4 Share of time spent working in agricultural wage employment			D.5 Share of time spent working in non-farm self-employment			D.6 Share of time spent working non-farm wage employment		
	Less (1) ◀◀	Unchanged (2) ▶▶	More (3)	Less (1) ◀◀	Unchanged (2) ▶▶	More (3)	Less (1) ◀◀	Unchanged (2) ▶▶	More (3)
(1)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(3)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(4)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(5)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(6)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(7)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Activity Codes

None.....	(0)	Beautician, hair dresser	(26)	Agronomists, veterinary and forestry experts.....	(12)	Glass and china industry.....	(37)
Service Sector		Tailoring, embroidery, knitting.....	(27)	Lecturers, teachers, researchers etc	(13)	Textile industry	(38)
Trade.....	(7)	Security service	(28)	Legal staff, lawyer.....	(14)	Fur and leather, shoe-making	(39)
Transport.....	(3)	Car repair	(29)	Doctor	(15)	Food industry, food processing.....	(40)
Agro-tourism	(4a)	Construction sector, carpentry	(30)	Security and defence staff, army, police	(16)	Wires, electric, and electronic	
Other tourism	(4b)	Artisan, crafts	(31)	Economist, Financial accounting experts	(17)	industry	(41)
Public and social services.....	(20)	Communication sector	(5)	Religion.....	(18)	Other physical labour related	
Administrative staff, secretary ..	(6)	Other service activities	(32)	Other intellectual professions	(19)	professions.....	(42)
Restaurant, catering.....	(21)	Intellectual professions, management		Physical labour/industry related professions		Unspecified profession.....	(43)
Sales person.....	(22)	Local authorities	(8)	Agricultural/forestry sector.....	(1)		
Health care, nurse	(23)	Party and government officials	(9)	Primary sector: miner, energy	(33)	If uncertain about code please	
Financial service	(24)	Managers of private and public enterprises .	(10)	Metallurgists, foundry workers	(34)	specify above in table!	
Janitors, cleaning	(25)	Engineering and technical experts	(11)	Chemical, petrochemical, and rubber industry.....	(35)		
				Wood processing, pulp and paper industry ...	(36)		

SECTION E: HOUSEHOLD OCCUPATIONS - SELF-EMPLOYMENT

ENTRY QUESTION:

E.1 Is any of your household members 16 years old and above engaged in any self-employed activity? No Yes

If 'No', proceed to question E.13. If 'Yes', proceed with questions E.2 to E.12.

E.2 What are the self-employment activities (family businesses) that the household was involved in 2006? Activity codes, description of activity if necessary	E.3 How much did the household make in cash and in kind from these activities on average per month in 2006? Currency	E.4 When did you start the activity Year	E.5 How many persons did you employ for the activity during 2006 (if 0-> E.7) Number	E.6 How much did you pay them per day and in total (2006) Currency Total day	E.7 How much other direct operational cost did the household have for running this activity? CURRENCY	No.	E.8 On average, how many hours per day does "..." spend in activity I, II, III...? (2006) Hours/day				E.9 On average how many months per year does "..." spend in activity I, II, III...? (2006) Months/year								
							I	II	III	IV	I	II	III	IV					
I						01													
II						02													
III						03													
IV						04													
						05													
						06													
						07													

E. HOUSEHOLD OCCUPATIONS - SELF-EMPLOYMENT (CONTINUED)

E.10 Please rate each factor according to its importance for the decision of the household to start a business on a scale from 1-5 ranging from (1) Not important to (5) Very important 1 ◀◀ 2 ◀ 3 ▶▶ 4 ▶ 5 Very important

- a) To use the household's economic capacity in the most effective/productive way RF /
- b) Innovative product/ identification of market opportunity..... RF /
- c) To ensure the households living standard/ generate cash income RF /
- d) To smooth income RF /
- e) Lack of on-farm employment RF /
- f) Prestige of running own business, increase of social status RF /
- g) To invest available capital RF /
- h) To generate income to invest in personal development/education..... RF /
- i) To generate income to invest in agriculture RF /

E.11 Since starting the business, what are your experienced outcomes so far? Please rate each factor on a scale from 1-5, ranging from (1) Not true to (5) True. (RF = rating factor)

Not true 1 ◀◀ 2 ◀ 3 ▶▶ 4 ▶ 5 True

- a) Provides significant contribution to household income..... RF /
- b) Higher revenues compared to farm activities..... RF /
- c) Comprises a high risk of losing invested capital RF /
- d) Better quality of work/more convenient than farm work..... RF /
- e) Improved reputation/prestige of household..... RF /

E.12 What are the three most important constraints hindering further self-employment activities of your household?
 1. _____ 2. _____ 3. _____

E.13 Please estimate the current economic value of your household's non-farm business equipment:

Activity	Value (Currency)
I.	
II.	
III.	
IV.	

Now, proceed to question E.18.

E. HOUSEHOLD OCCUPATIONS - NO SELF-EMPLOYMENT

E.14 Does your household plan to earn an income through starting up an own off-farm business within the next 5 years? Please rate the likelihood according to a scale from 1 to 5, ranging from (1) **very unlikely** to (5) **very likely**. (RF = rating factor) RF / ___/

Very unlikely 1 ◀◀ 2 ◀◀ 3 ▶▶ 4 ▶▶ 5 Very likely

E.15 Please rate the importance of the following factors for why no household member currently works self-employed in a non-farm business. Rate factors according to a scale from 1-5, ranging from (1) **Not important** to (5) **Very important**. (RF = rating factor)

Not important 1 ◀◀ 2 ◀◀ 3 ▶▶ 4 ▶▶ 5 Very important

- a) Household income is sufficient/no economic pressure..... RF / ___/
- b) Household members prefer agricultural work RF / ___/
- c) Household members prefer dependent employment RF / ___/
- d) Insufficient time RF / ___/
- e) Insufficient knowledge or skills RF / ___/
- f) Insufficient information on starting a business RF / ___/

- g) Insufficient availability of equity capital RF / ___/
- h) Insufficient availability of low cost credits.. RF / ___/
- i) Financial risks are too high..... RF / ___/
- j) Lack of demand/remoteness..... RF / ___/
- k) Too many competitors RF / ___/
- l) Lack of proper contacts (connections) RF / ___/

E.16 Would any of the following potential initiatives/actions significantly increase the likelihood of you starting a non-farm business?
Answer 'Yes' or 'No'.

No(0)
Yes(1)

- a) Better information on business opportunities..... / ___/
- b) Access to specific consulting service / ___/
- c) Access to low cost finance..... / ___/
- d) Improved physical infrastructure..... / ___/
- e) Special development projects / ___/
- f) Reduced insurance and tax burden..... / ___/
- g) Better law enforcement / ___/

E.17 Which are the three most important constraints hindering self-employment NF activities for your household, according to you?
1. _____ 2. _____ 3. _____

Activity Codes

None.....	(0)	Beautician, hair dresser	(26)	Agronomists, veterinary and forestry experts(12)	Glass and china industry.....(37)
Service Sector		Tailoring, embroidery, knitting.....	(27)	Lecturers, teachers, researchers etc	Textile industry.....(38)
Trade.....	(7)	Security service	(28)	Legal staff, lawyer.....	Fur and leather, shoe-making(39)
Transport.....	(3)	Car repair	(29)	Doctor	Food industry, food processing....(40)
Agro-tourism	(4a)	Construction sector, carpentry	(30)	Security and defence staff, army, police	Wires, electric, and electronic
Other tourism.....	(4b)	Artisan, crafts	(31)	Economist, Financial accounting experts	industry
Public and social services.....	(20)	Communication sector	(5)	Religion.....	Other physical labour related
Administrative staff, secretary ..	(6)	Other service activities.....	(32)	Other intellectual professions	professions.....(42)
Restaurant, catering.....	(21)	Intellectual professions, management		Physical labour/industry related professions	Unspecified profession.....(43)
Sales person.....	(22)	Local authorities	(8)	Agricultural/forestry sector.....	
Health care, nurse	(23)	Party and government officials.....	(9)	Primary sector: miner, energy	If uncertain about code please
Financial service	(24)	Managers of private and public enterprises .	(10)	Metallurgists, foundry workers	specify above in table!
Janitors, cleaning	(25)	Engineering and technical experts	(11)	Chemical, petrochemical, and rubber industry(35)	
				Wood processing, pulp and paper industry ...	(36)

E. HOUSEHOLD OCCUPATIONS - WAGE EMPLOYMENT

ENTRY QUESTION

E.18 Is any of your household members 16 years old and above engaged in wage employment?

If 'Yes', proceed with questions E.19 - E.31.

Yes

No

No.	E.19 What is the "..."s <u>main wage job</u> ?	E.20 What is the type of employer that "..." works for? Public. (1) Private (2)	E.21 How far away is this job from the (farm-) house? km	E.22 How many months did "..." work on average in 2006? Months	E.23 What was the home pay (net) received per month CURRENCY	E.24 On average how many hours per day "..." spend on this activity? Hours/day	E.25 What, if any, is "..."s <u>second job</u> ? If 0 → next person Activity code	E.26 What is the type of employer that "..." works for? Public (1) Private (2)	E.27 How far away is this job from the (farm-) house? km	E.28 How many months did "..." work in 2006? Months	E.29 On average how many hours per day "..." spend on this activity? Hours/day	E.30 What was the home pay (net) received per month CURRENCY
01												
02												
03												
04												
05												
06												
07												
							If no person with second employment → E.31					

E.31 Please rate each factor according to its importance for the decision of the household to work in wage employment on a scale of 1-5 ranging from (1) **Not important** to (5) **Very important**. [Not important 1 ← 2 ← 3 → 4 → 5 Very important]

- a) To ensure the households living standard/ generate cash income..... RF / ___/
- b) To use the household's economic capacity most effective/productive..... RF / ___/
- c) To generate income to invest in agriculture/family business..... RF / ___/

- d) To generate income to invest in personal development/ education RF / ___/
- e) Prestige of non-farm work, increase of social status .. RF / ___/
- f) To smooth income/ unstable returns to agriculture RF / ___/
- g) Lack of on-farm employment..... RF / ___/

Now, proceed to questions E.33-36

E. HOUSEHOLD OCCUPATIONS - WAGE EMPLOYMENT (CONTINUED)

E.32 We are interested in learning about the reasons for not taking up wage employment. Please rate the following factors on a scale from (1) Not important to (5) Very important. Not important 1 2 3 4 5 Very important

- | | |
|---|---|
| <p>a) Household income is sufficient/no economic pressure..... RF / ___ /</p> <p>b) Household members prefer agricultural work RF / ___ /</p> <p>c) Household members prefer self-employment..... RF / ___ /</p> <p>d) Insufficient knowledge or skills RF / ___ /</p> <p>e) Insufficient information RF / ___ /</p> <p>f) Insufficient time RF / ___ /</p> <p>g) Age..... RF / ___ /</p> | <p>h) Age RF / ___ /</p> <p>i) High regional unemployment..... RF / ___ /</p> <p>j) Remoteness (difficult access to the labour market) RF / ___ /</p> <p>k) Insecurity due to delayed or late wage payments..... RF / ___ /</p> <p>l) Remoteness (difficult access to the labour market) RF / ___ /</p> <p>m) Low wages RF / ___ /</p> <p>n) Lack of proper contacts (connections) RF / ___ /</p> |
|---|---|

..... **Now proceed with questions E.33-E.36**

E.33 Does your household plan to earn an income through taking up a wage employment within the next 5 years? Please rate the likelihood according to a scale from 1 to 5, ranging from (1) very unlikely to (5) very likely. (RF = rating factor) RF / ___ /

Very unlikely 1 2 3 4 5 **Very likely**

E.34-36 **HOUSEHOLD OCCUPATIONS - ATTITUDES.** Please indicate what best describes your attitude towards agriculture, self-employment and wage employment. Here, we are interested in getting an idea of the attitudes of all household members 16 years old and above. If a person is not available to answer herself, please indicate what you believe is the attitude of this family member. Please indicate on a scale from (1) Very negative to (5) Very positive. You can also choose the option (6) Do not know/No answer. (RF = rating factor)

Very negative (1)	◀	Somewhat negative (2)	◀	Indifferent (3)	▶	Somewhat positive (4)	▶	Very positive (5)	Do not know/ No answer (6)
----------------------	---	--------------------------	---	--------------------	---	--------------------------	---	----------------------	----------------------------------

HH member	E.34 Agriculture	E.35 Self-employment	E.36 Wage employment
1	RF: / ___ /	RF: / ___ /	RF: / ___ /
2	RF: / ___ /	RF: / ___ /	RF: / ___ /
3	RF: / ___ /	RF: / ___ /	RF: / ___ /
4	RF: / ___ /	RF: / ___ /	RF: / ___ /
5	RF: / ___ /	RF: / ___ /	RF: / ___ /
6	RF: / ___ /	RF: / ___ /	RF: / ___ /
7	RF: / ___ /	RF: / ___ /	RF: / ___ /

F.1 It is desired that the respondent give **both** total value in local currency and the share of each income category for **all** the categories **a) to g)**. If a respondent is reluctant to give total values, they should answer by stating shares instead. If a respondent give monetary values for all categories a) - g), you should **cross check** that the sum equals the household's **total cash income** for 2006. As regards shares, **cross check** that the sum in each column equals **100%**.

SECTION F: INCOMES

F.1 a) Please state the percentages and/or total values of the following income sources of total household cash income for 2006 and 2003:

	Total value		Shares	
	2006 Currency		2006 %	2003 %
j) Farming and sales of agricultural products from own plots/farm				
k) Policy support to agriculture and rural development				
l) Cash paid work on someone else's farm				
m) Earnings from non-farm self-employed work (w/o agro-tourism)				
n) Earnings from agro-tourism				
o) Earnings from wage employment in non-farm sector				
p) Government transfers (i.e. pensions, student grants)				
q) Returns on investments and savings etc.				
r) Remittances				
If monetary values entered for a) - i), please cross check that the sum equals the household's total annual cash income for 2006. SUM:			Control: = 100%	= 100%

If missing monetary values in a) -g) above:

F.2 b) Could you please state the total annual cash income for your household in 2006? _____ Currency

F.3 c) If not, could you please indicate the relevant band into which your total annual household cash income falls for 2006:

1	2	3	4	5	6	7	8	9	10

F.4 a) Could you please state your total annual cash income for 2003? _____ Currency

b) If not, please answer whether the income in 2003 compared to 2006 was:

Much lower ← Lower ← About the same → Higher → Much higher

(1) (2) (3) (4) (5)

F. INCOMES (CONTINUED)

F.5 With your household's income, in cash and in kind, how many people do you support who are not members of your household?
 Number of people supported: a) 2006: _____ people b) 2003: _____ people

F.6 Do you judge your cash incomes for 2006 being:

	2006	2003
a) Not enough for food and housing	(0) <input type="checkbox"/>	<input type="checkbox"/>
b) Sufficient only for food and housing	(1) <input type="checkbox"/>	<input type="checkbox"/>
c) Sufficient for food and housing and to cover some extra needs	(2) <input type="checkbox"/>	<input type="checkbox"/>
d) Sufficient to cover a wide range of needs and live comfortably	(3) <input type="checkbox"/>	<input type="checkbox"/>

F.7 Considering your overall cash incomes and consumption in kind, compared to 2003 are you now:

Much worse off	←	Worse off	←	About the same	→	Better off	→	Much better off
(1)		(2)		(3)		(4)		(5)
<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>

SECTION G: CONSUMPTION

- G.1 What is the total amount of money that you normally spend in your household each month? _____ Currency
- G.2 In your household, what amount do you normally spend on food each month? _____ Currency
- G.3 How much do you normally spend on housing each month? (Water, gas and electricity bills, and rent, if any) _____ Currency

Dear Sir/Madam, thank you very much for your time and your cooperation. We remind you that your answers are anonymous and strictly confidential. Your name and address will never be used to identify the answers given by you.

Name of respondent: _____
Address: _____

It is possible that this study will need to be followed up by a short re-visit or a phone call sometime within the next 3 years. In case there will be a future follow up on this study, would you give your consent to us contacting you again?

No Yes

If yes, please ask the respondent for the household's phone number: _____

APPENDIX 4C - VILLAGE QUESTIONNAIRE⁶



VILLAGE QUESTIONNAIRE



Name of village: _____

Region: _____

Country: _____

Date of interview: _____
(Day/Month/Year)

Name of interviewer: _____

Person(s) interviewed:

Name	Position	Telephone number
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

⁶ Please note that some formatting changes have been made to this questionnaire compared to the original in order to fit the document template.

A. DEMOGRAPHIC INFORMATION

A.1. How many people live in this village at present? _____ people

A.2. How many people lived in this village in 2003? _____ people

B. ECONOMIC ACTIVITIES AND INCOME

B.1 What are the major economic activities of the people of this village?
Please list in order of importance.

Rank	Type (e.g. private, public)	Field of activity
1		
2		
3		
4		
5		

B.2 What is the unemployment rate for people of working age (16-64 years) in this village for 2006? _____ %.
Ask if more detailed employment statistics is available for the village.

B.3 What was the unemployment rate in 2003 compared to 2006?

- a) Higher (1)
- b) Lower..... (2)
- c) About the same..... (0)

B.4 How do you judge the possibility of unemployed people finding a job in the local labour market?

Very difficult	Difficult	Neither difficult nor easy	Easy	Very easy
(1)	(2)	(3)	(4)	(5)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

B.5 In what sectors are unemployed people of this village most likely to find an employment in the local labour market? Please list in order of importance.

1. _____
2. _____
3. _____
4. _____
5. _____

B.6 Do you know what the average income is per capita in your village?
_____ Currency/capita

C. INFRASTRUCTURE

C.1 The main road leading to the village is:

- a) Asphalt..... (1)
- b) Tar macadam (2)
- c) Unpaved (3)

C.2 Is the main road to the village passable all year?

- No Yes

C.3 How would you rate the quality of the roads in your region? Please rate on a scale ranging from (1) Very poor to (5) Very good.

Very poor	◀	Poor	◀	Neither poor nor good	▶	Good	▶	Very good
(1)		(2)		(3)		(4)		(5)
<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>

C.4 a) Does public transport pass this community?

- No Yes

b) If 'yes', how often does public transport pass this community?

_____ times per _____

c) If 'no', how far must one go from the centre of the village to catch public transport and how long does it take?

- a) Distance: _____ km
- b) Time by foot: _____ min
- c) Time by car: _____ min

C.5 How often is it possible to go by public transport from the village to the:

- a) Next big urban centre: _____ times per _____
- b) Capital: _____ times per _____

C.6 How far is it from the village to:

- a) Next big urban centre: _____ km
- b) Capital: _____ km

C.7-8 How long does it take to go from the centre of the village to the next big urban centre and to the capital by "...”?

C.7 Next big urban centre	C.8 Capital
a) public transport: _____ min	a) public transport: _____ min
b) car: _____ min	b) car: _____ min

D. SERVICES AND INSTITUTIONS

Service/institution	A. Does '...' exist in this village? No (0) Yes (1)	B. If 'yes', how many? Number	C. If 'no', please indicate distance to the closest one:		
			Km	Hours on foot	Hours by car
1) Agricultural extension office					
2) Veterinary practice					
3) Farmers association					
4) Agricultural production co-operative/corporate farm					
5) Agricultural sales/ marketing co-operative					
6) Agricultural input merchant					
7) Machinery repair centre					
8) Post office					
9) Nursery/kindergarten					
10) Primary school					
11) Secondary school					
12) High school					
13) Vocational school					
14) Village surgery/medical centre					
15) Factories/plants (what type)					
a) _____					
b) _____					
c) _____					
16) Job centre/labour exchange					
17) Bank branch					
18) Market of agricultural products					
19) Does the market run: a) Regularly? No <input type="checkbox"/> Yes <input type="checkbox"/> b) Irregularly? No <input type="checkbox"/> Yes <input type="checkbox"/>					
20) Number of times the market take place within a calendar year: _____					
21) Supermarket					
22) In what year did the supermarket open? _____					
23) Grocery store(s)					

E. LOCAL LAND MARKET

E.1 How many hectares of agricultural land belong to this settlement?
 _____ ha

E.2 Please indicate the following for agricultural land that was traded (bought/sold) in 2006 and 2003, respectively:

Agricultural land	Hectares bought/sold 2006	Average price 2006 Currency/ha	Hectares bought/sold 2003	Average price 2003 Currency/ha
a) Arable land				
b) Pasture & meadows				
c) Fruit orchards				
d) Vineyards				
e) If not separated in a) - d), indicate total				

E.3 List in order of importance the main types of:

a) **Land buyers?** (i.e. small-scale farmers, large-scale producers, agricultural cooperative, property developers, non-agricultural companies etc.)

1. _____
2. _____
3. _____

b) **Land sellers?**

1. _____
2. _____
3. _____

E.4 Please indicate the following for agricultural land that was rented in/rented out in 2006 and 2003, respectively:

Agricultural land	Hectares rented in/rented out 2006	Average rent 2006 Currency/ha	Hectares rented in/rented out 2003	Average rent 2003 Currency/ha
a) Arable land				
b) Pasture & meadows				
c) Fruit orchards				
d) Vineyards				
e) If not separated in a) - d), indicate total				

E.5 List in order of importance the main types of individuals/companies:

a) **Renting in** land? (i.e. small-scale farmers, large-scale producers, agricultural co-operative, non-agricultural companies etc.)

1. _____
2. _____
3. _____

b) **Renting out** land?

1. _____
2. _____
3. _____

E.6 On a scale from 1 to 5, ranging from very easy to very difficult, how would you judge the land market in this village considering the possibilities of:

	Very difficult	Quite difficult	Neither easy nor difficult	Quite easy	Very easy
	(1)	(2)	(3)	(4)	(5)
a) Finding people willing to buy land	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Finding people willing to sell land	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) Finding people willing to rent in land	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d) Finding people willing to rent out land	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

E.7 Please indicate whether you agree or disagree with the following statements considering trading/renting land:

	Totally disagree	Somewhat disagree	Neither agree or disagree	Somewhat agree	Totally agree
	(1)	(2)	(3)	(4)	(5)
a) Legal procedures makes it difficult to buy/sell land	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) It is difficult for parties to know if there are potential conflicts over rights in land	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

F. TOURISM

F.1 Exists a tourism concept for the regions? No Yes

F.2 Are there any concerted actions or projects within the village directed to tourism?

No

Yes , please indicate: _____

APPENDIX 5 - NAMES SHEET



INTERVIEWERS SHEET



Household member	Remarks
<p>Enter names here. For all questions regarding individual household members, always refer to the household member according to the code assigned here.</p> <p>No.1 should be the household head. Children at the bottom lines.</p>	
1	
2	
3	
4	
5	
6	
7	
8	

Secrecy note :

This sheet will not be kept for records. All information given by you will be recorded anonymously. You and your household members will not be identified in any of the reports we plan to write. We will only present a summary of results for groups of households and their farms.

APPENDIX 6 - SCALES SHEET



SCALES SHEET

Totally disagree	◀	Somewhat disagree	◀	Neither agree or disagree	▶	Somewhat agree	▶	Totally agree
(1)		(2)		(3)		(4)		(5)
Not important	◀	Minor importance	◀	Moderate importance	▶	Major importance	▶	Most important
(1)		(2)		(3)		(4)		(5)
Not true	◀		◀		▶		▶	True
(1)		(2)		(3)		(4)		(5)
Very bad	◀		◀		▶		▶	Very good
(1)		(2)		(3)		(4)		(5)
Much lower	◀	Lower	◀	About the same	▶	Higher	▶	Much higher
(1)		(2)		(3)		(4)		(5)
Much worse off	◀	Worse off	◀	About the same	▶	Better off	▶	Much better off
(1)		(2)		(3)		(4)		(5)
Very negative	◀	Somewhat negative	◀	Indifferent	▶	Somewhat positive	▶	Very positive
(1)		(2)		(3)		(4)		(5)
Not competitive/ Low profitability	1 ▶	2 ▶	3 ▶	4 ▶	5	Very competitive/ High profitability		

APPENDIX 7 - INSTRUCTIONS TO INTERVIEWERS

INSTRUCTIONS TO INTERVIEWERS

ABBREVIATIONS:

Abbreviation	Definition
ha	Hectares
kg	Kilograms
HG	House garden
No.	Number

For countries where land is not commonly accounted for in hectares, i.e. *dekares*, the interviewer is asked to convert the answers into hectares if possible. If this cannot be done, **indicate clearly** the unit of measurement used.

CODING INFORMATION:

For some questions in this questionnaire the interviewer will be asked to enter **specific codes**. The codes that apply in each case will be provided on the adjacent page to the question. **Please be very careful to enter the correct codes.**

Please note that the interviewer shall **never leave blank spaces**. In order to avoid confusion, when the interviewer cannot enter a value, the following codes shall be used:

Does not know/ Does not remember	X	
Not applicable	NA	
No quantity/value	Enter 0 (zero)	Remark: All zeros must be filled in, in order not to be confused with the other possibilities X or NA, or missing values.

CODING CONVENTIONS:

Value	Symbol	Convention
Proportions	%	When the symbol for % is shown, enter a number between 0 and 100.
Local Currency	CURRENCY	Indicate value in local currency.
Rating factor	RF	Choose rating factor from given scale

- **Never indicate values by using thousands ('000).** Always write down the total value without abbreviations. This applies to both quantity and monetary values.
- Pay special attention to which section or question you have to proceed to after particular questions.
- Many questions are designed to be answered by **ticking boxes**. In this case you mark the answer clearly with an 'X'. If the respondent changes an answer, please fill in the whole box where the erroneous answer has been entered and enter 'X' in the correct box.

Example:

- a) In **2006**, did you cultivate land and/or keep livestock to produce agricultural products?
- b) In **2003**, did you cultivate land and/or keep livestock to produce agricultural products?

Yes	No
X	
X	X

- Many questions are to be answered by **rating**. In this case, depending on the design, you either mark the chosen rating or you write down the rating factor (RF) from a scale. See the following examples:

Example 1

Question: Do you agree with the following statement?

Answer 1:

	Totally disagree	◀ Somewhat disagree	◀ Neither agree or disagree	▶ Somewhat agree	▶▶ Totally agree
	(1)	(2)	(3)	(4)	(5)
f) Statement	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Example 2

Question: Would you grow potatoes if the price of potatoes dropped by 10%? Please rate on a scale from (1) **Very unlikely** to (5) **Very likely**.

Very unlikely 1 ◀ 2 ◀ 3 ▶▶ 4 ▶▶ 5 Very likely

Answer 2: RF / 4 /

ENTRY OF DATA FOR INDIVIDUAL HOUSEHOLD MEMBERS

For some questions, you will be asking for data for individual household members. Because of secrecy and guaranteeing the anonymity of the households interviewed, you will not be entering names of individual household members in the questionnaire. Instead, you are to use the separate “Interviewers sheet”. On this, you will assign a number to each named household member.

Example:

Household member	Remarks
Enter names here. For all questions regarding individual household members, always refer to the household member according to the code assigned here. No.1 should be the household head . Children at the bottom lines.	
1 <i>James Bond</i>	<i>Household head</i>
2 <i>Jenny Bond</i>	<i>Spouse</i>
3 <i>Stuart Bond</i>	<i>Grandfather</i>
4 <i>Charlie Bond</i>	<i>Son</i>

When asked in the questionnaire to enter data for individual household members, you always refer to the household head “James Bond” as No.1 and fill in the data corresponding to him on row No. 1, and consequently you use row No.3 for grandfather “Stuart Bond”. If there is no data to enter for a specific household member, say you will enter data for James, Jenny and Charlie Bond you enter the data on rows 1,2 and 4. In this case you leave row No.3 blank since there is nothing to enter for grandfather Stuart Bond.

APPENDIX 8 - INSTRUCTIONS ON THE SELECTION OF INCOME BANDS

SELECTION PROCEDURE OF INCOME BANDS

Selection procedure of the 10 income bands for Questions F.1 in the Rural farm household and Exit questionnaires:

- Depart from the average household income for the country. If household income is reported as a monthly average, multiply by 12 to get *yearly* income.
- Let the spread of the income bands be the following shares of this income:

1	2	3	4	5	6	7	8	9	10
0-25%	26-50%	51-75%	76-100%	101-125%	126-150%	151-175%	176-200%	201-225%	>226%

Remember that we will be asking for the incomes in **2006**. If you do not have available data for this year, use the most recent data available and if necessary adjust for inflation with the *rate of GDP growth*.

- *Country specific instructions:*

Bulgaria: You have average household income for villages. Use this as the base.

Poland: You have rural households' available income. Depart from this.

Hungary: You have provided information from the Statistical Yearbook of Hungary. However, you mention that data on household incomes may also be found in the Yearbook of Household Statistics (2005). We suggest you dig deeper into this to see whether you can get better information on *average rural household incomes*.

Others: If you can find/calculate average household income for rural regions it is very good. If not, depart from the average household income for your country.

2) When having created the income bands, we would like you to consider the following questions:

- Is the spread, from 0-25% to >226% large enough?
- Will the selected income bands prevent clustering in one or more bands? It is important that the bands do not provide us with a skewed distribution.

NB! If adjustments are needed we rely on your country specific expertise to adjust the income bands so that they make more sense.

3) An issue that needs to be dealt with is how the reporting of incomes will be done. Preferable would be *yearly* household income *before* taxes. However, the statistical reporting of this may vary from country to country, and we must also consider what information the interviewees are most likely to most accurately give us. Please let us know what you will be asking for regarding your specific country.