

TWINNING CONTRACT

BA 17 IPA ST 01 20



Further Support to the Reform of Statistics System in Bosnia and Herzegovina



MISSION REPORT

Activity 2.B: Development of Master plan for agriculture statistics in Bosnia and Herzegovina for the period 2020-2030 – 1

Component 2, Agricultural Statistics

Mission carried out by

Anders Grönvall, Swedish Board of Agriculture
Ann-Marie Karlsson, Swedish Board of Agriculture
Ylva Olsson, Swedish Board of Agriculture (one day)

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Expert contact information

Anders Grönvall
Swedish Board of Agriculture
Jönköping
Tel: +46 36 15 57 91
Anders.Gronvall@jordbruksverket.se

Ann-Marie Karlsson
Swedish Board of Agriculture
Jönköping
Tel +46 36 15 59 33
Ann-marie.karlsson@jordbruksverket.se

Ylva Olsson
Swedish Board of Agriculture
Jönköping
Tel + 46 36-15 64 10
Ylva.Olsson@jordbruksverket.se

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List of Abbreviations

BHAS	Agency for Statistics of Bosnia and Herzegovina
BiH	Bosnia and Herzegovina
CBBH	Central Bank of Bosnia and Herzegovina
EC	European Commission
EU	European Union
FBiH	Federation of Bosnia and Herzegovina
FIS	Institute for Statistics of Federation of Bosnia and Herzegovina
MS	EU Member State
RSIS	Institute for Statistics of Republika Srpska
RTA	Resident Twinning Adviser
ToR	Terms of Reference

1. Main Findings

During the mission the plans for the agricultural census (AC) especially the numbers of farms and the budget was discussed.

There is a general decision of conducting the agricultural census in 2023. The decision states that there should be a door-to-door approach in not city areas, while the list of agricultural households from the population census should be used in city areas updated with information from the subsidy systems. There should be a common methodology for all entities. The decision also includes that there should be an institutional working group / steering committee that will work out the details. This working group has not been established.

For the census, two essential deadlines have been decided. The pilot is planned to forth quarter of 2022. The pilot is planned to test the methodology and the questionnaire and the quality of the frame for the agricultural census. The possibilities of using existing registers will also be tested in the pilot. It is therefore essential that the pilot is made so that the findings can be used when setting up the census. The full census is planned to take place in the fourth quarter of 2023. The pilot has been delayed because of the pandemic.

An important fact for planning the census is the number of households as well as the number of households that can be expected to have agricultural activities. From the population census in 2013, this has been estimated. There are in total 621 600 households in rural areas that according to the plan all should be visited by the door-to-door method. From the findings it is expected that 308 800 or 58 % are agricultural households. In the city areas there are expected to be 55 200 agricultural households.

There are also about 5 000 entrepreneurial agricultural business and 530 legal entities.

In total about 118 000 households, entrepreneurial business or legal entities have received payments from the subsidy system. Most of them are presumed to be in rural areas and at least for the entrepreneurs they might overlap the agricultural households.

Number of households of importance to the agricultural census from the population census 2013

	FBIH	RS	Bb	BiH
Rural households	374 689	235 736	11 217	621 642
- of which Agricultural	180 060	124 067	4 705	308 832
				0
City agricultural households	36 685	17 407	1 072	55 164
				0
Entrepreneurs	4 000	420	40	5 040
Legal entities	300	290	30	530
Farmers in Subsidy system	10 346	42 116		118 000
Summary of households to visit	411 374	253 143	12 289	676 806
Total agricultural households	216 745	141 474	5 777	363 996

In summary about 680 000 households needs to be visited during the agricultural census.

During the mission, it was found that RSIS had made a first budget estimate of the costs of the census. The budget was fairly detailed and the posts in the budget was used to discuss both particular costs and what important decisions regarding the plans that need to be made for the census.

During the discussion about the budget, it was assumed that it would depend on the farms that needed to be visited and it is about the same all over BiH. If the estimates from RSIS are used and the number of visited farms can be used as a way of calculating the budget for all entities, the cost for the agricultural census will amount to approximately 8 million euros.

During the mission, it was found that several important decisions that largely affects the budget needs to be made. Examples are:

- Maps are needed to find the houses that might hold households. There exists maps from the population census and the budget assumes that these can be reprinted for the fieldwork. However if new maps need to be commissioned the prize will rise. The budget above is based on the reprinting of old maps
- The method for collecting data CAPI (Computer-Assisted Personal interviewing) or PAPI (Paper And pencil Personal Interviewing). Given the experiences from using the PAPI method for the population census it seems that the decision is leaning on a CAPI method i.e. that the interviewers have computers and no paper is used. However, the decision is not finally made. The budget above is based on the CAPI method.
- The budget also depends on the number of farms that are engaged in agricultural activities above the decided threshold.

Since the population census the agricultural households found in the census has been used to construct frames for agricultural surveys. In those cases, a threshold has been made. In RSIS and the Federation the following thresholds have been used to establish the sample frame for AFS (Annual Farm Survey).

Criteria for sampling frame creation

Number	Condition
1	UAA \geq 3000 m ²
2	orchards \geq 1000 m ²
3	vineyards \geq 1000 m ²
4	nurseries \geq 1000 m ²
5	cattle \geq 1
6	pigs \geq 2
7	sheep \geq 4
8	goats \geq 2
9	poultry \geq 20
10	beehives \geq 10

In Republika Srpska the above stated criteria resulted in 122.760 units (87% of the total HH with agricultural activities). In the Federation the number was 143.920 units (66 % of the total HH with agricultural activities).

The frame for the census and the threshold for the agricultural census is not yet decided, however, there will be a mission within the framework of the MB IPA2017 project that will discuss the frame.

During the mission, it was also found that there are plans made for the census for example a detailed plan with actions and deadlines.

During the mission it was concluded that time is an issue. The agricultural census is a huge project and all participants felt that time is running fast and that decisions need to be taken to proceed with more detailed plans. It was also stated that next year's focus must be on the census.

2. Conclusions and Recommendations

The time is short it is important that decisions will be taken in order to be able to go forward with planning the census as well as ensuring that there is a budget in place. The forming of the advisory group/steering committee is essential for this task.

The budget is at the moment difficult to estimate since several important decisions are not finally taken.

The census is a huge project and time is short for the detailed plans that need to be made. It should be considered if the plans for the twinning project need to be revised so that it will be possible for the staff at the statistical offices to set aside time for planning the census.

3. What to do before the next mission for the BC Counterpart

4. What to do before the next mission for the MS Counterpart

Action	Deadline	Responsible person
Discuss possibilities of revising the plans for further mission due to the constraint of planning the upcoming census	December	Ann-Marie Karlsson Niels Madsen

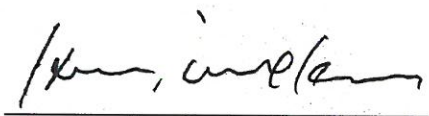
5. Topics for the next mission

Activity 2.C	Development of Master plan for agriculture statistics in Bosnia and Herzegovina for the period 2020-2030-2
Budget section	III. Components Mandatory Results – Component 2
Subject	<ul style="list-style-type: none"> Further plans for the organisation of the agricultural census
Methods	Online seminar / workshop. If travel restrictions allow the activity will be conducted in country
Resources	MS: Ann-Marie Karlsson (SE) and Anders Grönvall (SE), RTA & RTAA BC: Key staff as set out above Venue: To be decided
Duration	Up to a total of 8 working days for MS staff
Output	Mission report Further plans for the agricultural census developed
Time schedule	March 2022

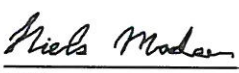
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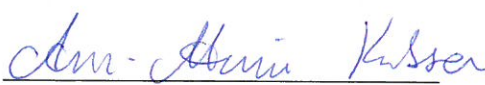
For the approval of the contents of this report, representatives from BHAS, FIS and RSIS as well as MS experts and the RTA sign here:



 Component leader, BHAS


 Component leader, FIS


 Component leader, RSIS


 RTA


 MS Expert


 MS Expert