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## **Webinar on the Operational Guidelines of the World Programme for the Census of Agriculture 2020**

Virtual Meeting

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# **Planning, budgeting and tabulation plan**

**Technical Session 3: Planning the census of agriculture**

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# Planing of the Agricultural census

- Initialy AC in Serbia is planned for 2021 after the PC
- Information from PC will be used for additional updating SFR
- Due to COVID-19 outbreak and postponement of PC, AC was postponed to 2023
- AC will be conducted according to the AC law



# Planing of the Agricultural census

- Methodology coresponds to FAO recomendations and EU legislation
- Modules for 2020 and 2023 will be conducted:

Labour force and other gainful activities	Full scope with CORE
Animal housing and manure management	Sample
Irrigation	Sample
Soil management practices	Sample
Machinery and equipment	Sample
Orchards	Sample
Rural development	Administrative source

- Organic farming will be taken from administrative source



# Planning of the Agricultural census

Preparation for AC started in 2019 with development of Action plan

- Preparatory work and testing
- Enumeration
- Data processing and building of databases
- Evaluation of the results
- Analysis, dissemination of census results and archiving



Expert group for implementation  
of methodological tools

Expert group for SFR and adress  
lists

Expert group for logistic support  
of the fieldwork

Expert group for IT system and  
support

Expert group for international  
harmonisation and cooperation

Expert group data quality controll

Expert group for PR, media  
camaign and data dissemination

Component implementation team for  
AC 2023

Regional coordininstors from 16  
SORS regional offices

Census commisions

Municipal coordinators  
350

Municipal coordinators,  
members of Census  
commisions

Enumerators  
3.550



# Planning of the Agricultural census

## Preparatory work and testing break down

- Preparation of the methodological tools
- Preparation of the IT tools, programming all necessary tasks
- Testing all prepared tools (Pilot AC)
- Updating Statistical Farm Register (SFR)
- Forming up the Census commission members
- Developing the list of the holdings
- Selection of direct participants
- Trainings of participants
- PR campaign



# Planning of the Agricultural census

## Enumeration

- Legal entities, *self enumeration by web*
- Family farms, *CAPI method by enumerators*
- Monitoring and control of data entry
- Help desk activities



# Planning of the Agricultural census

## Postenumeration

- Data processing and validation
- Calculation and payments to all involved participants and other logistic activities
- PES analysis
- Data dissemination
- Additional analyses – production of special publications





# Planning of the Agricultural census

Already done according to original Action plan

Activity	Schedule
Preparation of the methodological tools for AC 2020	July 2019 - May 2020
Preparation of the IT tools, programming all necessary tasks	July 2019 - May 2020
Testing all prepared tools (Pilot AC)	Juny 2020
Implementantation of the improvements according to the Pilot AC	July – September 2020



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# Planning of the Agricultural census



Action plan Agriculture census 2023



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# Budgeting



- AC is cofinanced by National budget by 33% and European Commission by 62% New budget refers to period from 2020 to 2024
- No changes in amounts
- Different distribution over the years



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# Budgeting



Costs by type		Amount, EUR	Share, %
<b>I</b>	Preparation phase for AC	799,097	<b>10.1</b>
<b>II</b>	Training of enumerators and other participants	422,053	<b>5.3</b>
<b>III</b>	Enumeration and controll of the fieldwork	5,577,862	<b>70.5</b>
<b>IV</b>	Data processing, evaluation and dissemination of the results	610,816	<b>7.7</b>
<b>V</b>	Other costs	507,617	<b>6.4</b>
<b>TOTAL (I to V)</b>		<b>7,917,445</b>	<b>100.0</b>



# Budgeting

Budget of the Action	All Years			
	Unit	# of units	Unit rate (in EUR)	Costs %
<b>1. Human Resources</b>				4.7
<b>2. Travel costs</b>				9.7
<b>3. Equipment and supplies</b>				0.00
<b>4. Local office</b>				1.4
<b>5. Services cost</b>				9.6
<b>6 Fieldwork an other costs</b>				74.6
<i>Enumerators of the holdings / field work</i>	Per questionnaire	723,500	6.20	70.0
<i>Monitoring and control of the fieldwork</i>	Per questionnaire	350,000	0.53	



# Tabulation plan

- Main source of data dissemination is dissemination database on SORS website
- Data are available on municipality level  
<https://data.stat.gov.rs/?caller=SDDB&languageCode=en-US>
- Database is developed according to Eurostat database and key variables are as recommended by EU

Tabulation plan consists of

- Tables containing key variables
- Other tables with possibilities of crosstabulation



# Tabulation plan

- └─ Farm structure 2018
  - └─ Key farm variables
    - └─ Area, livestock (LSU), labour force and standard output (SO) by legal status of holding and agricultural size of farm (UAA)
    - └─ Area, livestock (LSU), labour force and standard output (SO) by economic size of farm (SO in Euro) and legal status of holding
    - └─ Area, livestock (LSU), labour force and standard output (SO) by age of manager and agricultural size of farm (UAA)
    - └─ Area, livestock (LSU), labour force and standard output (SO) by type of farming (1-digit) and economic size of farm (SO in Euro)
    - └─ Area, livestock (LSU), labour force and standard output (SO) by type of farming (2-digits) and agricultural size of farm (UAA)
    - └─ Area, livestock (LSU), labour force and standard output (SO) by type of farming (2-digits) and economic size of farm (SO in



# Tabulation plan

- Area
- Number of farms

## Territory - NSTJ

- REPUBLIC OF SERBIA
  - SRBIJA - SEVER
  - SRBIJA - JUG
    - Region Šumadije i Zapadne Srbije
      - Zlatiborska oblast
        - Arilje
        - Bajina Bašta
        - Kosjerić
        - Nova Varoš

## Period

- 2018

## Variable

- Fodder crops - total
- Arable land seed and seedlings for market
- Other arable land crops
- Fallow land
- Kitchen garden
- Arable land
- Permanent grassland
- Fruit and berry plantations
- Vineyards

## Agricultural size

- Total
- < 0.5 ha





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# THANK YOU