LPIS

Belgrade, 4th November 2014
CONTENT

- Directorate for Agrarian payments – facts and figures
- Legal background
- IACS/LPIS state of play
- Project activity
DIRECTORATE FOR AGRARIAN PAYMENTS

- Budget of round 250 - 300 million € every year for subsidies in agriculture
- Round 90% goes on the direct payment measures (per hectare payments, input subsidies, production subsidies)
- Total number of farmers registered in the Farm register is 479,000
- 329,000 are classified as active farmers.
- 250,000 apply for area based direct support
- 80,000 apply for animal schemes
DIRECTORATE FOR AGRARIAN PAYMENTS
LEGAL BACKGROUND

- Law on Agriculture and Rural Development (OG RS No 41/09, 10/13)
- Law on Subsidies in Agriculture and Rural Development (OG RS No 10/13)
- Law on Veterinary Matters (OG RS No 31/05, 30/10 and 93/12)
- Decree on Registry of Agricultural Holdings (OG RS No 17/13)
## IACS – STATE OF PLAY SERBIA

<table>
<thead>
<tr>
<th>IACS requirements - Council Regulation (EC) No 1782/2003</th>
<th>Serbia</th>
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<tbody>
<tr>
<td>computerised data base</td>
<td>Not aligned</td>
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<tr>
<td>identification system for agricultural parcels</td>
<td>Not aligned, Cadastre based, IPA projects</td>
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<tr>
<td>system for the identification and registration of payment entitlements</td>
<td>No</td>
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<td>aid applications</td>
<td>Several IT applications in place</td>
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<td>integrated control system</td>
<td>Not aligned</td>
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<td>single system to record the identity of each farmer who submits an aid application</td>
<td>Farm Registry</td>
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<td>system of identification and registration of animals</td>
<td>Central Register of Animals</td>
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IDENTIFICATION SYSTEM FOR AGRICULTURAL PARCELS – STATE OF PLAY

- MAEP/Directorate for Agrarian Payments institution in charge for development of LPIS
- Republic Geodetic Authority – potential provider of various data (Digital Ortho Photos, Digital Cadastre Plan, Digital Terrain Model, Registry of Statistical Units)
- Direct Payments per hectare – Cadastre based
- Referent Agricultural parcel – Cadastre parcel
- Cadastre managed by RGA
IDENTIFICATION SYSTEM FOR AGRICULTURAL PARCELS - PROJECTS

- IPA 2012 – “Developing a Land parcel identification system (LPIS)”
  - Expected commencement date – beginning of 2015
  - Project Value – 1 million €
- IPA 2012 – National co-financing – 1,5 million €
- IPA 2015 – LPIS follow up
  - full territory coverage of the RS
- IPA 2015 – IACS
IACS

EXTERNAL DATABASES
(Individual and legal persons data and %R data)

BENEFICIARY REGISTER
(FARMER REGISTER)

APPLICATION PROCESSING MODULE

RISK ANALYSIS
FOR SAMPLE SELECTION

LPIS

OTS MODULE

Interoperability Services, User Management (SSO) and Integrated Control system

PAYMENT APPLICATION SYSTEM

BUSINESS, REPORTING AND DMS
IPA 2012 EXPECTED ARCHITECTURE

IACS

Farm Registry

LPIS

Aid application
LPIS LAND USE

- **Arable land**
  - Arable land
  - Greenhouses

- **Permanent grassland**
  - Pastures
  - Meadows
  - Natural grassland

- **Permanent shrub crop**
  - Vineyard
  - Other shrub crops

- **Permanent tree crop**
  - Fruit tree orchard
  - Nut tree orchard

- **Mixed /other land use**
  - Mixed land use
  - Other land use

Initial digitization

LPIS v 1.0
## INSTITUTIONAL BUILDING OF DAP

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<td><strong>Employment</strong></td>
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<tr>
<td><strong>LPIS</strong></td>
<td></td>
<td>IPA 2012</td>
<td>IPA 2012</td>
<td>IPA 2015</td>
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<tr>
<td><strong>IACS</strong></td>
<td>IPA 2015</td>
<td>IPA 2015</td>
<td>IPA 2017?</td>
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IPA 2012 EXPECTED RESULTS

- R1 - Legal framework for LPIS and other IACS components drafted with a phased implementation plan.
- R2 – SW development of the integrated new FR and LPIS SW for maintenance of the LPIS geographical data base including the single entry point and user management
- R3 - Definition of the data to be exchange with other external databases
- R4 – Development of the web services for data exchange between the animal register, new FR and module for aid application management
- R5 - SW development of the component supporting the aid application management
- R6 - Detailed analysis of the reference parcel concept to be used in Serbia considering the new CAP requirements
IPA 2012 EXPECTED RESULTS

- R7 – Development of the photointerpretation guideline
- R8 – LPIS pilot project (R5)
  - Reference parcel digitized in selected pilot areas
  - Selected sample of the farmers interviewed and reference parcel identified via consultation with farmer (number has to be defined)
- R9 – Testing of IACS procedures
  - Simulation of submission of the aid application
  - Testing of the OTS checks including GPS measurement
- R10 - 40 UAP staff (incl. 35 OTSC staff) trained. At least 2 RGA staff trained for LPIS (in the field of cadaster and remote-sensing) (R8)
- R11 - Investment requirements in terms of HW requirements in order to accommodate full IACS implementation and human resources required in order to manage the IPARD and IACS measures.
IPA 2015 – EXPECTED RESULTS

- Supporting to establishment of the local office network in terms of hardware and trainings for local staff.
- New ortho-photos should be consider for new renew of main reference layers of the LPIS system.
- Digitalization of LPIS geographical data.
- Twinning project for the preparation for the Manual procedures and relevant trainings should be covered.
- Pilot project on the Control with Remote Sensing (CwRS) in at least two zones - action coordinate with JRC (i.e. image supply).
- Informational campaign for farmers.
- Introduction of the cross-compliance requirements for the management of the GAECs and SMRs including preparation of relevant legislation. Including EFA layer in accordance with the article 70(2) of EU Regulation No 1306/2013.
IPA 2015 – EXPECTED RESULTS

• Drafting of terms of reference for software development for the following remaining IACS modules (FWC):

- INTEGRATED CONTROL SYSTEM, RISK ANALYSIS
- OTS MODULE
- PAYMENTS APPLICATION SYSTEM
- BUSINESS, REPORTING AND DMS
Thank you for attention