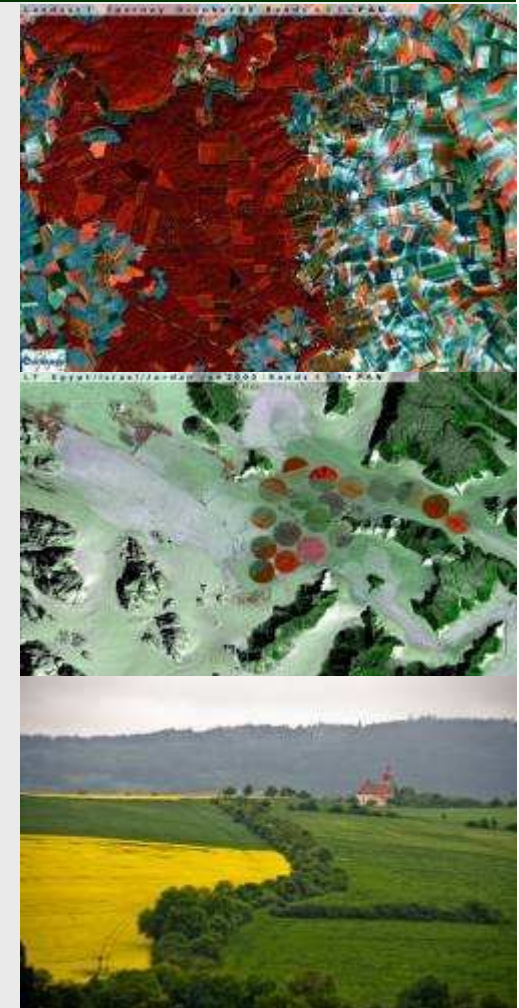


# UPDATE of CONTROL and MANAGEMENT TOOLS in the framework of the new CAP

19th MARS Conference: New CAP management and control

03/12/2013, Vilnius





## AGENDA OF THE CONFERENCE

With arrival of new CAP, technical impacts are expected on many topics of the IACS with consequences on tool use, control methods, data need, management and update.

### „Motto“ for the Conference:

Advice from the Commission is to set the pace to make everything administrable and controllable.

### „Motto“ for the national administrations:

HOW can we ACHIEVE that and CAN WE DO IT NOW ?  
Update the control and management tools?

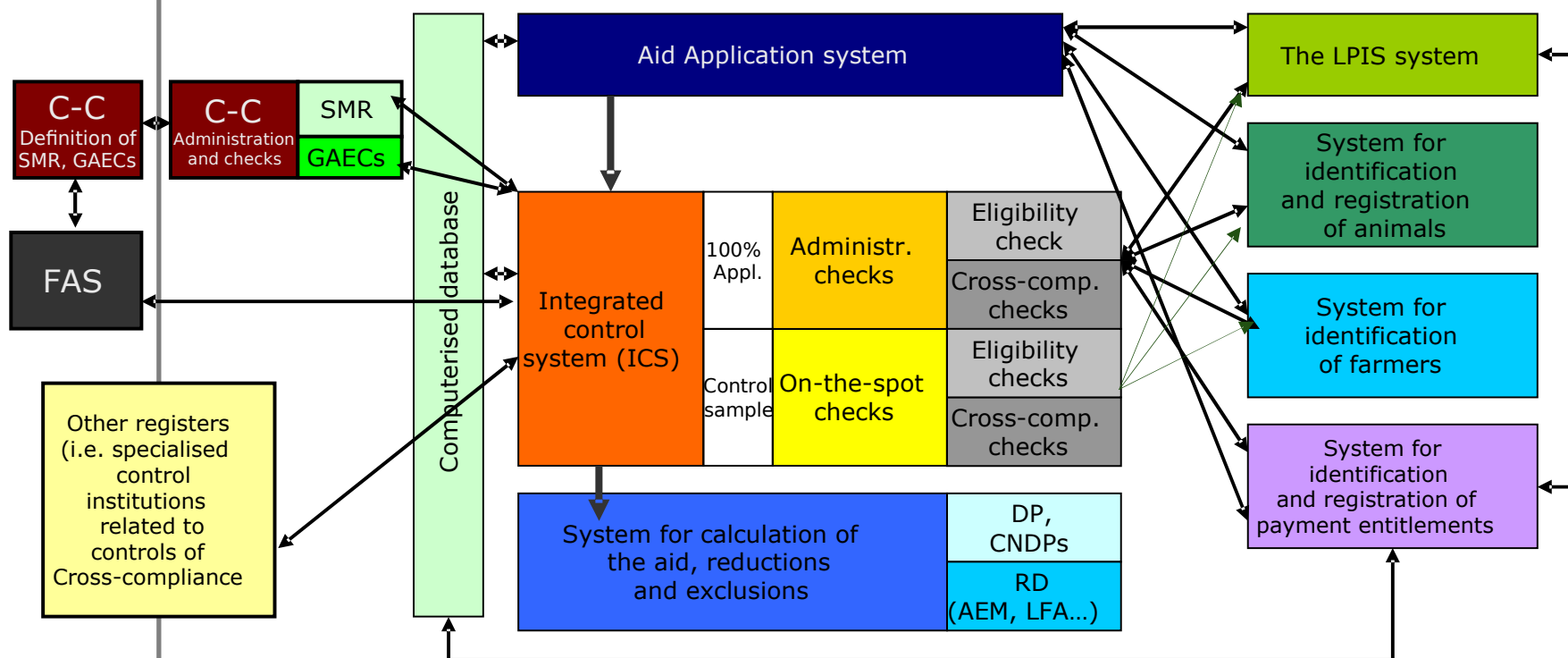




## MAIN CONTROLS AND MANAGEMENT TOOLS within the IACS

### IACS obligatory components

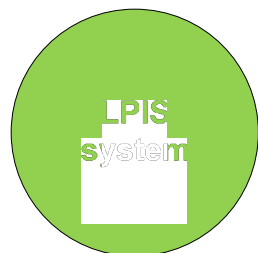
According to the EC R. 73/2009, EC R. 1122/2009



Note: All shall be done also in line with the accreditation criteria of the PA.



## FRAMEWORK ANALYSIS FOR CONTROL/MANAGEMENT TOOLS:



CURRENT CAP PROG. PERIOD:  
EC R. 73/2008 – to be repealed  
EC R. 1122/2008 – to be repealed  
Wikicap – LPIS QA (ATS + ETS) – to be updated  
Wikicap – Art. 34 – to be updated ?

NEW CAP PROG. PERIOD (proposed/discussed):  
Horizontal regulation (COM 828)  
Regulation on DP (COM 825)  
Regulation on RD (COM 827)  
Delegated act for IACS on LPIS  
Delegated act for DP on scope, definitions and related provisions  
Delegated act for Horizontal Regulation  
Working document implementing act for Hor. Reg.  
DG AGRI working document on pro rata system ?  
Wikicap – LPIS QA (MTS + ETS)  
Wikicap – Art. 34 ?  
Wikicap – LPIS upkeed document ?



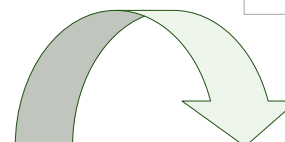
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EC R. 1122/2008 – to be repealed  
Wikicap – art. 34 – to be updated ?  
Common Technical specification for CwRS – to be updated ?  
Area measurement validation scheme – to be updated ?  
DG JRC – recommendations for OTSC (sample selection, CwRS, GNSS, area measurement, technical tolerances, ortho guidelines, CAP, etc.) ?

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Wikicap – Art. 34 ?  
Common Technical specification for CwRS ?  
Area measurements validation scheme ?  
DG AGRI Working document on pro rata system ?  
DG JRC – recommendations for OTSC (sample selection, CwRS, GNSS, area measurement, technical tolerances, ortho guidelines, CAP, etc.) ?



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Delegated act for IACS on Common provisions on aid applications and payment claims  
Delegated act for DP on scope, definitions and related provisions  
Delegated act for Horizontal Regulation  
Working document implementing act for Hor. Reg.  
DG AGRI Working document on pro rata system ?



ALL in line with:

NEW DEFINITIONS/SPECIFICATIONS:

- Farmer
- Active Farmer
- Maintaining of the Agricultural area suitable for grazing
- Minimum activities on agricultural areas naturally kept in a state suitable for grazing
- Predominance of grasses and other herbaceous forage of permanent grassland, etc

NEW (updates) ACCREDITATION CRITERIA of PA:

- Internal environment
- Control activities
- Information and communication
- Monitoring



## MAIN CHANGES

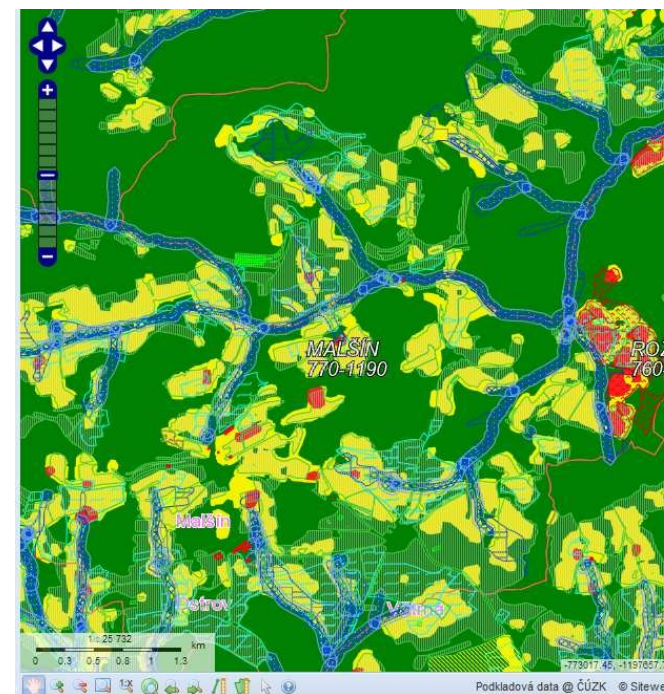
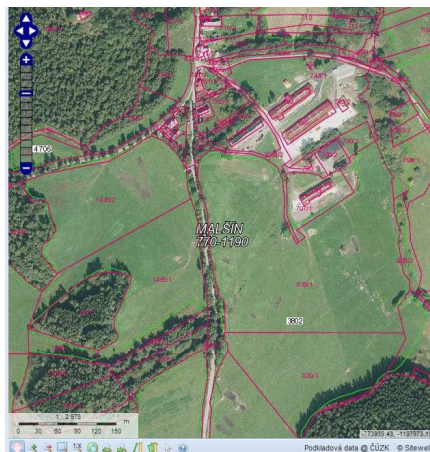
### A. LPIS:

#### Farmer/Active farmer/farming activity

(still misunderstandings, proves of agricultural activity, proves of land use, users versus owners)

#### Scale 1 : 5 000 from 2016

(new ortophotos, data scale heterogeneity, such as environmental data - CC, FAS)





## MAIN CHANGES

### A. LPIS:

EFAs reference layer - localisation and determination of size (application of conversion and/or weighting factors)

(digitisation of small land elements versus pro rata system and Wikicap Art. 34 deduction method)

### LPIS Quality assessment

(modification of quality element parameters – **incomparable statistics** for some elements over the last years)

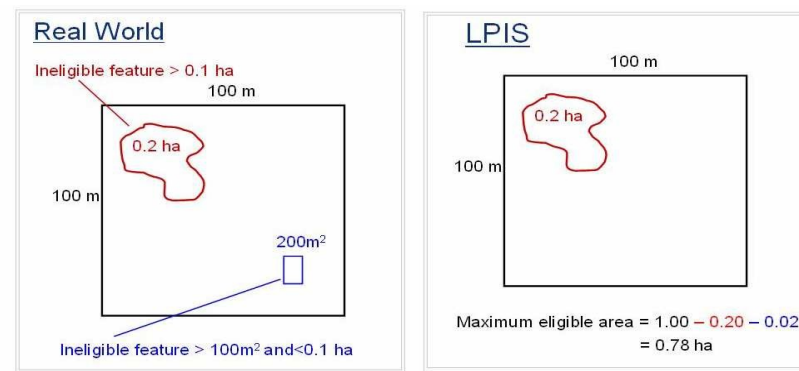


Figure: Situation in the field (real world) and "transcription" into the LPIS i.e. mapping of ineligible features > 0.1 ha and updating of the maximum eligible area.

[http://marswiki.jrc.ec.europa.eu/wikicap/index.php/Category\\_art\\_34\\_content](http://marswiki.jrc.ec.europa.eu/wikicap/index.php/Category_art_34_content)



## MAIN CHANGES

### A. LPIS:

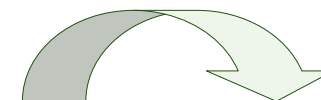
#### Determination of Maximum Eligible Areas

- MEA for **DP** schemes;
- MEA for **RD** area related schemes;
- MEA per ref. par. correctly quantified within a margin of 2 %;

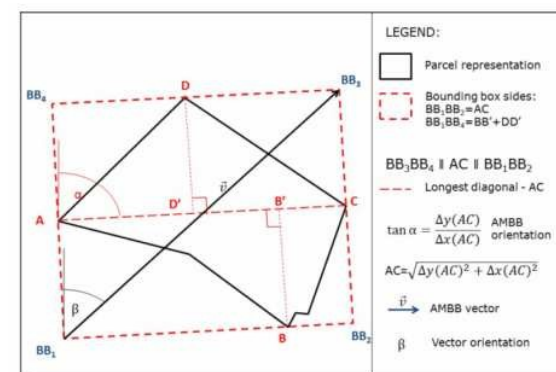
Applicable methods for calculation of 2 % = ?

#### LPIS UPDATE rules

LPIS upkeep document, congruency test = ?



Establish appropriate alternative systems to uniquely identify the land subject to support where the land is covered by forest.





## MAIN CHANGES

### B. COMPUTERISED DATABASE:

Data availability for 10 previous years

### C. ADMINISTRATIVE CHECKS

Active farmer – may lead to a need for the change of  
declaration of taxes and change of PA responsibilities

??? New rules for checks and cross-checks

### D. ON THE SPOT CHECKS

??? (Art. 34)

??? (GNSS – Galileo, EGNOS)

??? CwRS – new rules, more images for different conditions

??? Rules for the use of OTSC results for the LPIS update

??? Single tolerance to be applied (validation x proficiency test)

??? Different rules for 1st and 2nd Pillar under IACS

??? Rules for minimal control rate, sample selection, risk  
analysis

??? Timing of checks, etc.

??? Change of control reports

??? Scope of area to be checked (50%, 100%)





## TOWARDS MAIN CHALLENGES

### I. HARMONISATION and INTEGRATION

Terminology – we shall speak the „same IACS language“

(Reference parcel x Agricultural parcel, etc.)

Further integration of IACS elements and interlinked procedures

Clear documentation and guidelines – legal and technical

(For example why the Delegated act on LPIS contains rules for identification of payment entitlements and system of identification of beneficiaries ?)

Usage of same and harmonised way of expressing the legal and technical requirements

(Some requirements expressed in written text, flowcharts, UML language)

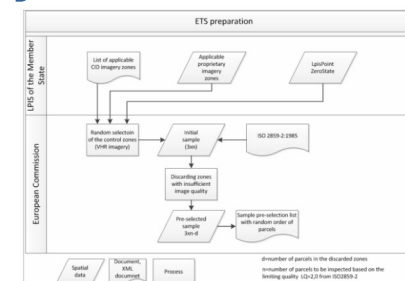


Figure 1. Workflow of the ETS sampling methodology



## TOWARDS MAIN CHALLENGES

### II. DATA interoperability x data usability

#### LPIS core model

- Reference parcel (area aggregation into a stable land unit) x agriculture parcel (area desegregation due to many schemes)

#### Data acquired for different purposes

- Usage of the data shall be first assessed, not simply copy paste

#### Data acquired with different focus

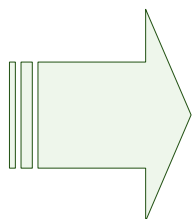
- LPIS position precession x OTSC area precession

#### Data acquired by same methods but different tools

- For the use under OTSC GNSS devices must be validated
- For the use of the LPIS GNSS devices are not validated

#### Data scale heterogeneity (different acquisition scale)

#### Data x information (information interoperability)



BUT STILL TENDENCY TO YOU USE THE DATA  
FOR OTHER PURPOSES  
(such as OTSC results for LPIS update)



## TOWARDS MAIN CHALLENGES

### DATA interoperability x data usability

For example: Data from OTSC available for the LPIS update, but if no information is attached the data usage is limited.





## TOWARDS MAIN CHALLENGES

### III. OPTIMISATION x STABILITY

Reference data (stable but at the same time up to date)

- LPIS reference parcel stability x update cycle x data collection cycle

Interlinked procedures and processes

- Legal acts x Delegated acts x Working documents x etc.
- Potential increase of OTSC findings due to new CAP rules for DP and RD – may have an impact on LPIS QA element non-compliances determined during OTSC – following processes

Personnel

In terms of amount: CwRS versus classical OTSC

In terms of qualification: „generalist inspectors“ versus specialised inspectors

Focus shall be recently put on stability and important optimisation (minor optimisation shall be put aside now - for example no further changes of LPIS QA concept for a while would be helpful).





## TOWARDS MAIN CHALLENGES

### IV. CAPACITIES

Personal, technical, financial

Universal national administration officer:

Agronomist (knows the agriculture) + GIS user/specialist (uses LPIS and GNSS) + Foreign language speaking (analyses EU documents) + IT specialist (understand the LCM, UML) + what else?

NATIONAL ADMINISTRATION BUDGET POSSIBILITIES

Nowadays CAP changes have impacts on the IT/IS  
CONTRACTS UPDATES

### V. SCIENTIFIC APPROACH versus IMPLEMENTATION FEASIBILITY

Automatic image classification (EFAs)  
Congruency test for the LPIS update, etc.





## TOWARDS the new CAP in the CZ

### In the Czech Republic:

Terminology harmonisation within the IACS

IACS elements further integration

***Integration of the LPIS from the MoA into the Paying Agency IACS structures for the new CAP period***

LPIS „stability refresh“ – aggregation for RP x disaggregating for AP

***RP based on physical blocks, AP based on hybrid (FB and AP)  
2 separate digitised layers***

LPIS update cycle – 2 years (50 % area: 50 % area)

IACS procedures, manuals further updates (special focus on LPIS x OTSC interlinks)

GNSS harmonisation for OTSC and LPIS purposes

GNSS validation to be done for the LPIS use GNSS devices

Not rely on EGNOS but national corrections system used

Contracts ??? (CwRS, etc. tender now or wait for further CAP rules)

Further capacities needed ??? (difficult to define exactly now)

Timing ??? (OTSC eligibility, OTSC C-C, admin. checks, etc.)

The scope of changes in national and PA procedures ???





## SUMMARY I.:

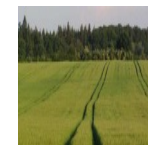
MS national administrations are putting a big effort, time and personal capacities into analysing documents and preparing impact analysis no matter if the documents are referenced as official/unofficial version (we do the best to be ready).

There is an urgent need of information from Commission on clear legal and technical requirements and guidelines for new CAP reform, hence the MS can accurately scope and size the new challenges and make plans accordingly.

It would be difficult to have all requirements in place for 2015 – MS will be vulnerable to criticism from Audits.

Prioritisation shall be applied by the Commission taking into consideration the stability aspect (further change only of necessary issues).

Further harmonisation of IACS procedures and processes of new CAP shall be done using the same platform of expressing rules (text x UML).





## SUMMARY II:

Information interoperability assessment **shall be implemented**

(Evaluation of what data can be really used for other purposes, for other IACS elements and special focus shall be put on LPIS x OTSC interoperability).

Due to new LPIS rules (EFAs layers, 2 % MEA tolerance) the **re-assessment of the LPIA QA** in a longer perspective shall be assessed in order to keep it stable for a longer period;

Further analysis of legal proposals on overall IACS processes and workflows shall be implemented (use UML language for the internal Commission analysis).

For new research and scientific approached the **impact analysis and feasibility of implementation** shall be assessed.



„Motto“ : We are definitely not ready yet for the update of control and management tools.

Thank you for your attention.

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