



Avoiding double counting of areas when reporting on area-related Output and Result indicators in the future CAP

Philippe LOUDJANI

JRC D5 Unit, European Commission

Evangelia MOURMOURA

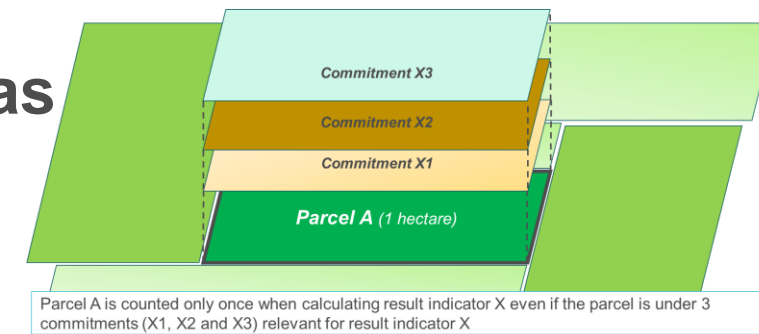
AGRI D3 Unit, European Commission

GREXE meeting
Tuesday 27 April 2021

AVOIDING DOUBLE COUNTING – WHAT/HOW

➤ Identified the issue of avoiding double counting of areas

- Experience on current CMEF reporting system
- GREXE on Monitoring and Evaluation Framework
- Paying Agencies' Conference – Romania, May 2019
 - aggregated data and avoiding double counting, esp. related to environmental indicators
 - differences between systems as regards data quality
 - connecting different databases not based on the same system



AVOIDING DOUBLE COUNTING – WHAT/HOW

➤ Need for solution

→ ensure both performance and clearance

→ without this, it is very challenging to communicate on **CAP achievements on agri-environmental aspects → EU GREEN DEAL**

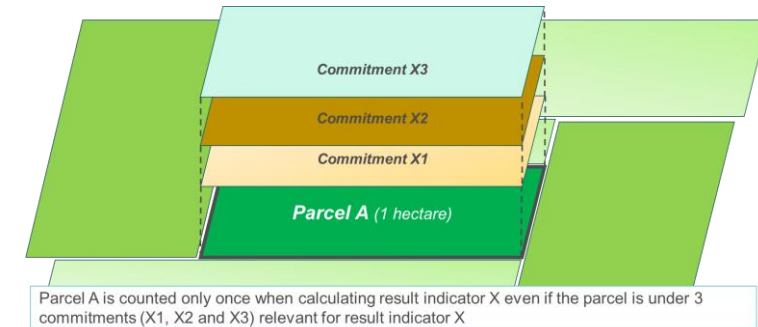
→ Provide meaningful reporting on the whole green architecture (including conditionality)

→ implementation to the detriment of performance

➤ Specific task and funding AGRI – JRC to support MS reporting

→ Availability of data

→ Reporting of data



Provide guidelines to MSs on how to avoid double counting of areas when reporting on area-related Output and Result indicators

AGRI coordinator: E. Mourmoura - JRC Coordinator: P. Loudjani

ADC Project (July 2020 – end 2021):

- Analysis of the characteristics and constraints (e.g. data gaps) of the information currently in IACS (e.g. in LPIS, GSAA, EFA layer).

Specific case studies activated with collaborative Member States

- Propose methods to gather the necessary data
 - e.g. GSAA, LPIS, information from non-IACS source, declaration data from farmers, new potential sources of data ... (role of new technologies and satellite data)
- Propose solutions for the reporting of the different results and output indicators (area related)
 - Investigate data harmonisation needs
 - Pay attention to statistical accuracy of indicators
- Contribute to guidelines and/or technical guidance for the Member States
- Possibility to continue the activity after the end of 2021 if needed

Current Status

- 10 'Member States' participating
Belgium-Flanders, Cyprus, Denmark, Estonia, Finland, Germany, France, Italy, Portugal and Spain
Bilateral meetings with MS
- Common set of indicators in the test (with some variations)
O4 'decoupled payments', O13 'environment/climate commitments', O32 'conditionality', (O12, O34a)
R4 'income support and subject to conditionality', (R18, R27)
- Ongoing tests to produce indicators 'if to be reported today'
Feasibility test
Inventory of (technical) obstacles/challenges encountered
- State of play on results: *(part in the following slides and a webinar to come)*

Example of O.4 in the context of the project (simple)

Necessary information from IACS



= 1 unit
= 2.4 ha

- The **Basic** income support for sustainability (BISS) including the round-sum payment for **small farmers** (Section 2, Subsection 2)
- + The complementary **redistributive** income support for sustainability (CRISS) (Article 26)
- + The complementary income support for **Young Farmers** (Article 27)
- + The schemes for the climate and environment (**eco-schemes**) (Article 28)

Intervention: from GSAA – All holding under the scheme
→ All eligible ha of holding concerned

Area: from GSAA and/or LPIS

Payments: (areas * (rates cumulated)) + (number * round sum)

Example: holding under **BISS** + **young farmer**

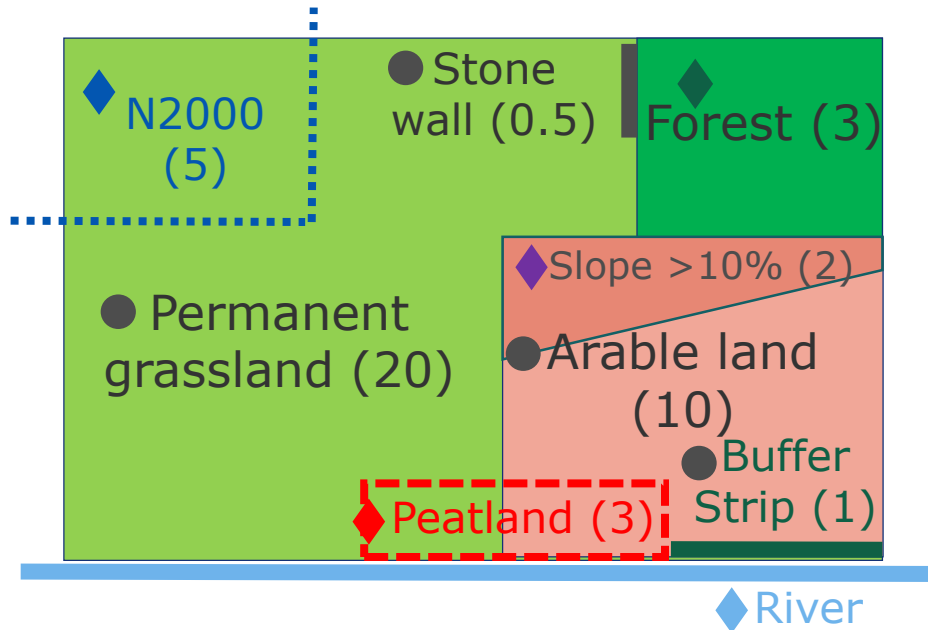
Ha (O4)
1.1 + 2.4 + 2.6 + 1.3
= **7.4 ha**
From GSAA

Payments (O4)
(1.1 + 2.4 + 2.6 + 1.3) * (150/ha + 45/ha)
= **€ 1443**

Management: many BISS eligibility condition **monitorable** via AMS

Example of O32 in the context of the project (complex)

From IACS + other sources



Area: from GSAA and/or LPIS ●
+ other themes ◆◆◆◆◆

Land use: from GSAA

Aggregated indicators

- Climate change: GAEC 1 + 2 + 3
- Soil: GAEC 6 + 7 + 8
- Biodiversity: GAEC 9 + 10

With all land use and land cover geo located

all calculations of indicators possible (detailed and aggregated)

Doable for some MSs (data available)

Problems identified (or confirmed)

- Some information may not be existing
 - E.g. Peatland map
- Some information existing but with coarse resolution (reminder LPIS = 1/5.000 scale)
 - E.g. Peatland map
- Some information existing but heterogeneous and incomplete
 - E.g. Landscape features (EFA layer)
- Some information existing but not geolocated
 - E.g. area linked to activated payment entitlements or eco-schemes

Possible solutions

- Under MSs' responsibility

- Improve access to data internally (from other ministries/agencies)
- Ask farmer to declare in GSAA

e.g. indicate on which parcels entitlements are activated or eco-scheme happening

Example for O4
(aggregated value)

10 ha total
7.5 ha entitlements
2.5 ha Eco-scheme

2.5	2.5
2.5	2.5

No location

O4 = 10 ha paid

Uncertainty up to 25%

Year-to-year comparison uncertain

2.5	2.5
2.5	2.5

Location declared

Case 1

O4 = 7.5 ha paid

No uncertainty

Year-to-year comparison significant

2.5	2.5
2.5	2.5

Case 2

O4 = 10 ha paid

Possible solutions

- Stakeholders community decisions

- Agreement on definition(s)

Cf. evolution of permanent grassland definition

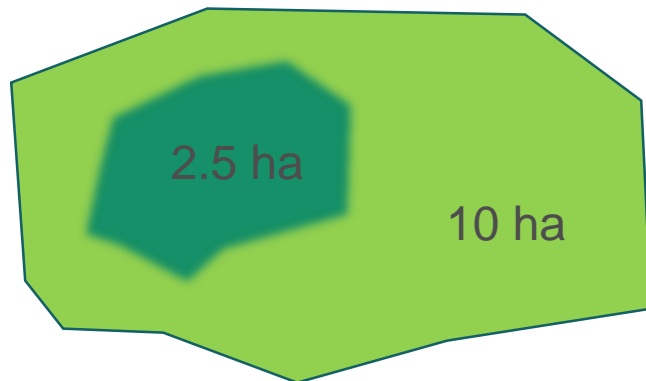
- Agreement on area representation(s)

e.g. eco-scheme x

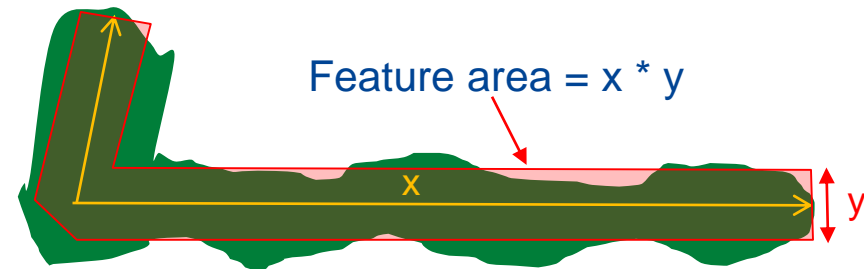
Area = whole parcel considered ? 10 ha

Area = pro-rata system e.g. 25%? 2.5 ha non located

Area = actual area ? 2.5 ha located



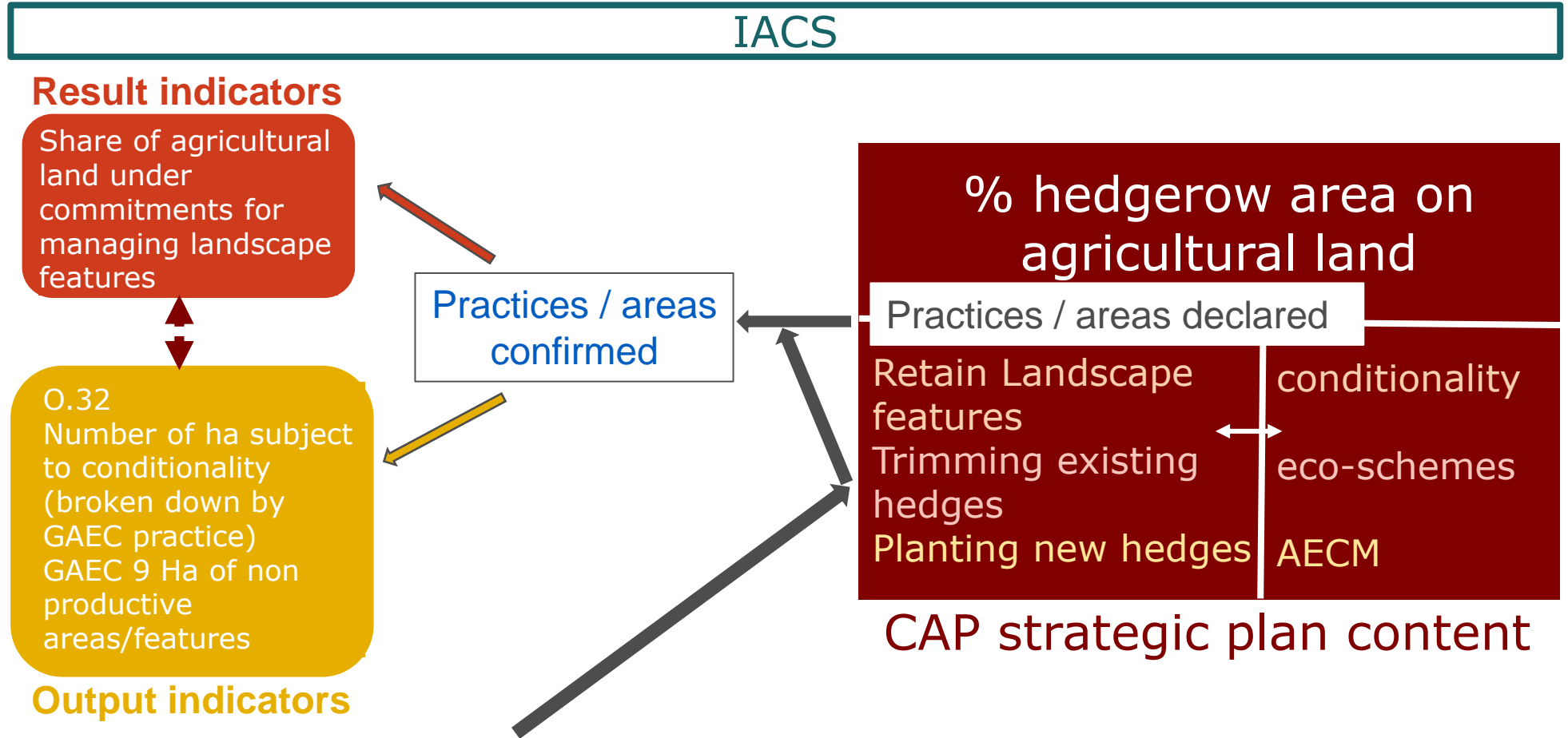
e.g. **Linear** measurement for all linear features (and some other features)



Next steps

- **Webinar on first results with all participating MS (possibly second half of May)**
- **Discuss the setting up of an indicators reporting system**
 - Area reporting (area paid)?
 - **Data interoperability**
- **Discuss possible link with future Area Monitoring System**
 - From declared areas to checked/monitored values (determined areas)

Possible link with the AMS



NB: validated numbers to confront/oppose to external indicators

Thank you – Questions?

Contact: evangelia.mourmoura@ec.europa.eu / philippe.Loudjani@ec.europa.eu



© European Union 2021

Unless otherwise noted the reuse of this presentation is authorised under the [CC BY 4.0](https://creativecommons.org/licenses/by/4.0/) license. For any use or reproduction of elements that are not owned by the EU, permission may need to be sought directly from the respective right holders.