Integrated Administration Control System :

data sharing process by AGRI

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11th INSPIRE MIG meeting

European Commission
DG AGRI D.3

Mohamed EL AYDAM
mohamed.el-aydam@ec.europa.eu

OUTLINE

1. DG AGRI D3 – Implementation support and IACS
2. DG AGRI process about IACS data sharing
3. EU policy context
4. MS declaration (digital transformation)
5. CAP 2020+
6. IACS (Integrated Administration Control System)?
7. IACS spatial and non personal data
8. Concluding remarks

DIRECTORATE-GENERAL FOR AGRICULTURE AND RURAL DEVELOPMENT

Direction D - Sustainability and income support

*(…) by supporting and monitoring Member States' implementation of direct support schemes, in particular as far as the Integrated Administration and Control System (**IACS**), including **LPIS**, is concerned (…)*

Director-General					
Deputy Director-Generals					
A	A1	A2	A3	A4	A5
B	B1	B2	B3	B4	
C	C1	C2	C3	C4	
D	D1	D2	D3	D4	
E	E1	E2	E3	E4	E5
F	F1	F2	F3	F4	F5
G	G1	G2	G3	G4	
H	H1	H2	H3	H4	H5
I	I1	I2	I3	I4	I5
R	R1	R2	R3	R4	R5

HR Business Correspondent

Unit D3 - Implementation support and IACS

- ensure the establishment and follow-up of the **IACS legislative framework**
- **support** the Member States in their **implementation** of the direct payments schemes as regards IACS (including dissemination of best practices)
- ensure that **action** is taken **if implementation is lacking**, (including LPIS QA).

+ scientific & technical support from **JRC**

Concretely: Assistance (visit to MS), Missions (LPIS QA, area monitoring system…), Technical guidelines, Conferences (MARS…), Workshops (LPIS QA, IACS…), Trainings, Services (Satellite imagery…)

DG AGRI process

<u>Process launched in 2017</u>

<u>Objective</u>:
- Efficient access to and effective re-use of IACS data

<u>Methodological approach</u>:
- Legal framework : INSPIRE Directive
- Collaboration with MS and EC services (ENV, CLIMA, EEA, ESTAT)
- Use case driven (→ monitoring, evaluation, reporting)
- Pilot implementation (EC support to MS)

<u>(Main) Preliminary results:</u>
- More and more participants in MS (4→ 15) and EC services (DEFIS, CNECT…)
- More discovery for IACS data in EU geoportal
- Support in situ to MS (BG …)
- Guidance documents (ongoing: interpretation of INSPIRE, methodoly for metadata and harmoniszation)

EU policy context

- **A European Green Deal**
- An economy that works for people
- **A Europe fit for the digital age**
- Protecting our European way of life
- A stronger Europe in the world
- A new push for European democracy

➢ **Data** and AI are the ingredients for innovation that can help us to find solutions to **societal challenges**, from health to **farming**, from security to manufacturing.

➢ **Balance** the flow and wide **use of data** while **preserving high privacy, security, safety and ethical standards**.

➢ Need to move from **"need to know" to "need to share"**

➢ **The public sector** has an important role in stimulating digital transformation.

MS Declaration

Declaration for A smart and sustainable digital future for agriculture and rural areas

Signed in April 2019 **(almost all MS)**

(…)

increase CAP administration efficiency, ***notably in sharing geospatial information among public administrations***

(…)

https://ec.europa.eu/digital-single-market/en/news/eu-member-states-join-forces-digitalisation-european-agriculture-and-rural-areas

CAP 2020+

New delivery model – shift to performance

> **need for data** (reporting, evaluation, monitoring)

Environmental and climatic ambitions

Cross-cutting objective: digitalisation

Art 65 (HZR regulation) – data keeping and sharing

European Commission

IACS ?

System set up by the MS (Regulation 1306/2013) for CAP management

Article 68

Elements of the integrated system

1. The integrated system shall comprise the following elements:

(a) a computerised database;

(b) an identification system for agricultural parcels;

(c) a system for the identification and registration of payment entitlements;

(d) aid applications and payment claims;

(e) an integrated control system;

(f) a single system to record the identity of each beneficiary of the support referred to in Article 67(2) who submits an aid application or a payment claim.

IACS ?

LPIS Implementing act (640/2014)
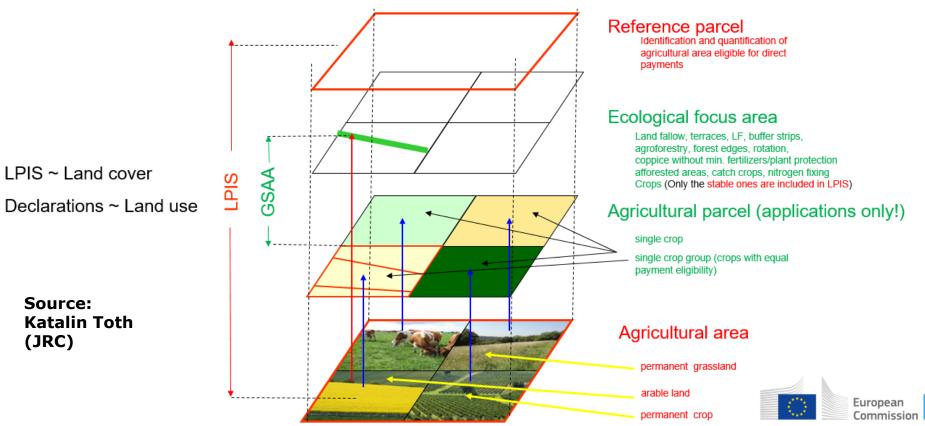
Implementing act (article 5(2) of EU Regulation 640/2014 as regards LPIS

→ layer maximum eligible area for the purpose of the support schemes listed in Annex I to Regulation (EU) No 1307/2013;

→ layer maximum eligible area for the purpose of the area-related measures referred to in Articles 28 to 31 of Regulation (EU) No 1305/2013;

→ (c) layer of ecological focus areas listed in Article 46 of Regulation (EU) No 1307/2013

→ (d) layer determine for mountain areas, areas facing significant natural constraints and other areas affected by specific constraints as referred to in Article 32 of Regulation (EU) No 1305/2013, Natura 2000 areas, areas covered by Directive 2000/60/EC.

→ e) layer of agricultural land authorised for cotton production pursuant to Article 57 of Regulation (EU) No 1307/2013.

→ f) layer of areas naturally kept in a state suitable for grazing or cultivation as referred to in Article 4(1)(c)(iii) of R. (EU) No 1307/2013

→ g) layer of areas which have been notified to the Commission in accordance with Article 20 of Regulation (EU) No 1307/2013,

→ h) layer of areas covered with permanent grasslands which are environmentally sensitive in areas covered by Council Directive 92/43/EEC or Directive 2009/147/EC of the European Parliament and of the Council

→ i) layer of sensitive areas referred to in Article 45(1) of Regulation (EU) No 1307/2013 and/or areas designated by the Member States in accordance with Article 48 of that Regulation apply

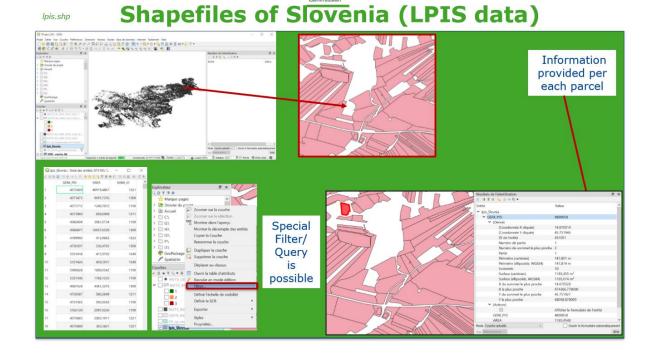# List of IACS data to be shared > AGRI recommendations

Source: Katalin Toth (JRC)

LPIS ~ Land cover

Declarations ~ Land use

Reference parcel
Identification and quantification of agricultural area eligible for direct payments

Ecological focus area
Land fallow, terraces, LF, buffer strips, agroforestry, forest edges, rotation, coppice without min. fertilizers/plant protection afforested areas, catch crops, nitrogen fixing Crops (Only the stable ones are included in LPIS)

Agricultural parcel (applications only!)

single crop

single crop group (crops with equal payment eligibility)

Agricultural area

permanent grassland

arable land

permanent crop

+ area-related rural development measures

MS implementation

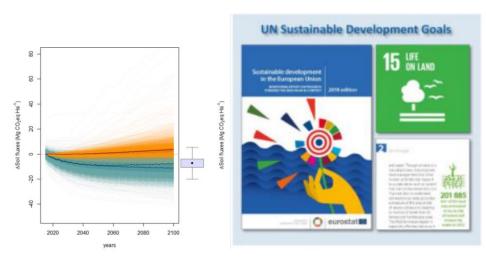**Extremely diverse from MS to another...**

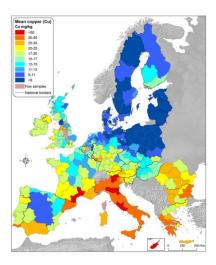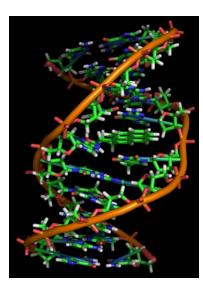**sometimes between regions within a MS**

Exemplifying through soil health use-case

Soil C/N fluxes Soil erosion/degradation Pesticides/pollution Soil biodiversity

- **IACS and beyond:**
  - **Land Cover, Crops/Groups, Pesticides** use, **fertilizer** regimes, **tillage**, **GAEC** practices, crop **rotation**, **harvest** practices, vehicle loadings,…

Concluding remarks

**Experience in data sharing by the MS:
some experience but efficiency?**

**Local implementation of IACS by the MS:
appropriate but harmonisation?**

**→ DG AGRI will continue to support MS for an efficient
and effective data sharing process
→ Under INSPIRE...
→ ...before development towards EU data space**

→ Involvement of MIG in the process?

Thank you for your attention