# DG AGRI process for IACS data sharing under INSPIRE

13th Meeting of the
INSPIRE MAINTENANCE AND IMPLEMENTATION EXPERT GROUP (MIG)
Online WebEx meeting

*AGRI D3 - Implementation support and IACS*

*17 & 18 June 2021*

# AGRI D3 – Implementation Support and IACS

**DIRECTORATE-GENERAL FOR AGRICULTURE AND RURAL DEVELOPMENT**

Direction D – **Sustainability and Direct support**

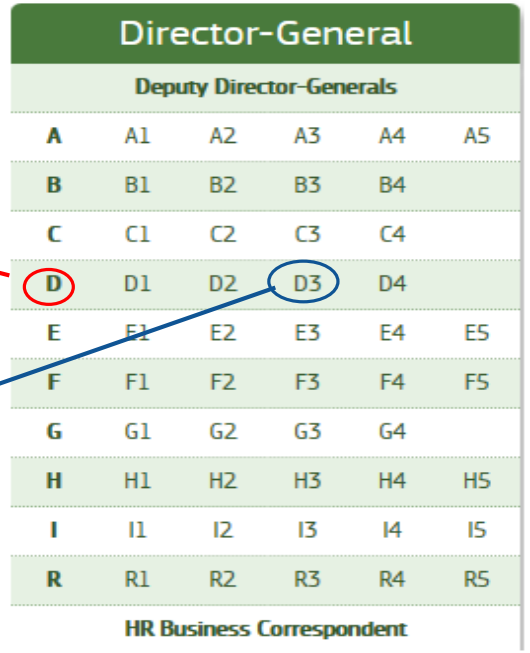
*D1 Direct Payment*

*D2 Greening, conditionality and POSEI*

**Unit D3 - Implementation support and IACS**

Integrated Administration and Control System

*D4 Environment, climatic change, forests and bio-economy*

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# outline

- **IACS data sharing under INSPIRE**
  - DG AGRI process
- **State of Play**
  - AGRI-FOOD Data Portal
  - JRC/AGRI Arrangement (IACS 65) (by JRC) progress

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# DG AGRI process for IACS data sharing under INSPIRE

AGRI D3 - Implementation support and IACS

→ Current and future CAP

→ EU policy (Environment and digital)

→ Internal Audit Service  IAS

In collaboration with EC services and Paying agencies

*common understanding of the legal/policy context (CAP, INSPIRE, GDPR, FARM TO FORK, Biodiversity strategy, Common data space, HVD, …) and actual implementation in the geoportal*

**"DG AGRI process" for IACS non-personal spatial IACS data sharing**

Efficient access to data (INSPIRE)

&

Effective re-use and added value of data (case and feasibility study)

→ Support of JRC through AA 'IACS65'

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# AGRI-FOOD Data portal

Published in March 2021

https://agridata.ec.europa.eu/extensions/DataPortal/home.html

### Agri-food Markets

Market data on national and European agriculture provided by the European Commission's agricultural and rural development department. Browse through multiple visualisations about imports, exports, prices and production.

### CAP Indicators

These indicators help measure the Common Agricultural Policy performance. The EU policy provides financial support to farmers in member states, develops the rural community and ensures an environmentally sustainable farming.

### Farm Economics

Economic reports on EU farming, based on sample data from the Farm Accountancy Data Network (FADN). Learn about productivity, profitability, subsidies, economic structure and finances of European farms.

### Geoportals

A discovery hub providing links to access the Member States' geoportals that publish spatial data collected in the context of the Integrated administration and control system (IACS).

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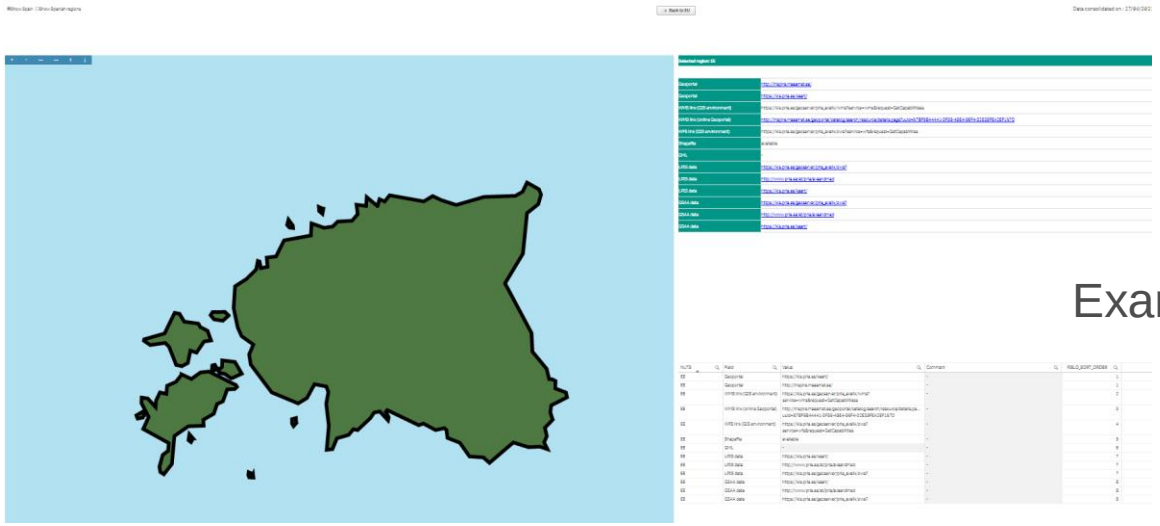
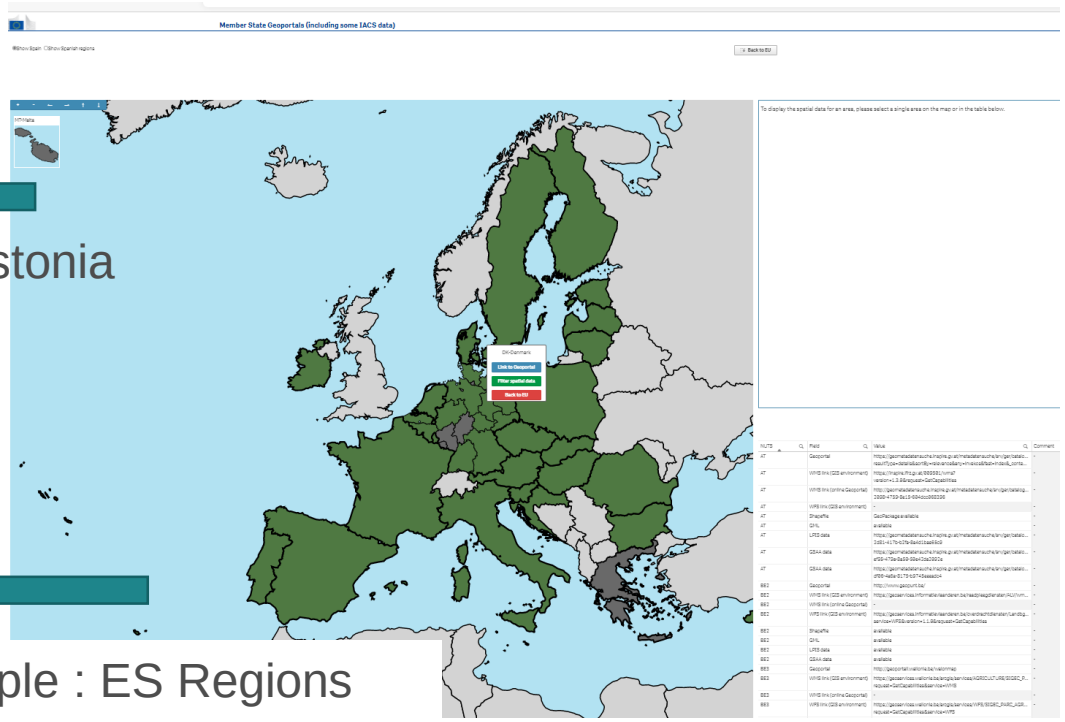


Example : Estonia




Example : ES Regions

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# AGRI-FOOD Data portal

https://agridata.ec.europa.eu/extensions/DataPortal/home.html

Discovery tool – complementary to INSPIRE as regards IACS data

Almost all MS in (DG AGRI available to support missing MS/countries)

# AGRI/JRC (ENV support) IACS 65 arrangement

- **Discoverability** of IACS data and **accessibility**
- **Interoperability** of data sets and services through pilot projects (LULUCF, crop types/yield, statistics, CAP indicators)
- **Demonstration** through practical examples focusing on **soil health** and others (tbc)
- **Exploration** and planning on how to use IACS potential, integrating and further analyzing available IACS data
- **Collaboration** with the Member States and other institutional stakeholders

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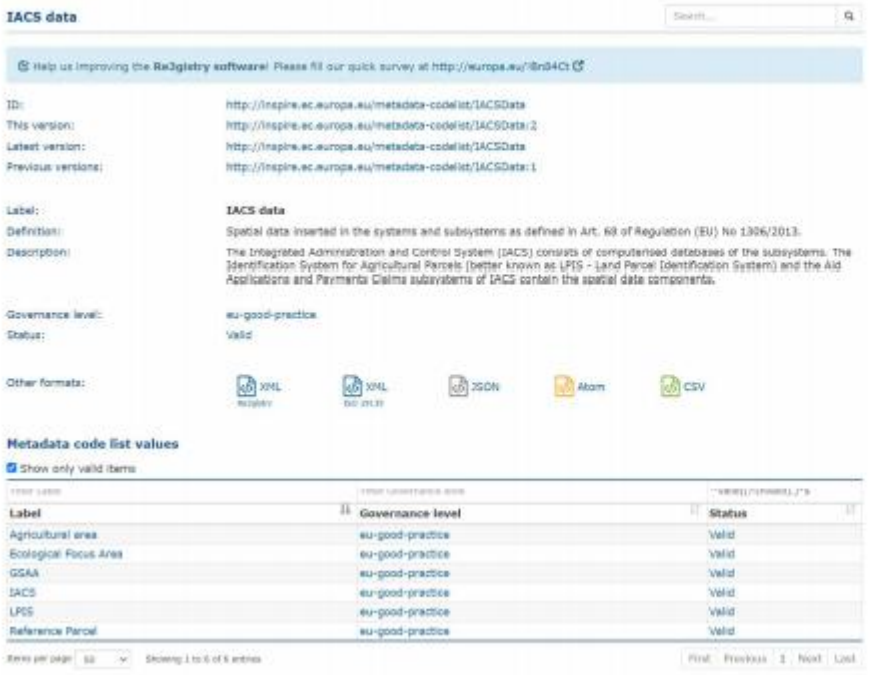
# AGRI/JRC (ENV support) IACS 65 arrangement

## Discoverability and accessibility

### New IACS data metadata code list added to the INSPIRE Registry



**IACS data**

Help us improving the **Ra3gistry software**! Please fill our quick survey at http://europa.eu/!Bn94Ct

| | |
|---|---|
| ID: | http://inspire.ec.europa.eu/metadata-codelist/IACSData |
| This version: | http://inspire.ec.europa.eu/metadata-codelist/IACSData/2 |
| Latest version: | http://inspire.ec.europa.eu/metadata-codelist/IACSData |
| Previous versions: | http://inspire.ec.europa.eu/metadata-codelist/IACSData/1 |
| Label: | **IACS data** |
| Definition: | Spatial data inserted in the systems and subsystems as defined in Art. 68 of Regulation (EU) No 1306/2013. |
| Description: | The Integrated Administration and Control System (IACS) consists of computerised databases of the subsystems. The Identification System for Agricultural Parcels (better known as LPIS - Land Parcel Identification System) and the Aid Applications and Payments Claims subsystems of IACS contain the spatial data components. |
| Governance level: | eu-good-practice |
| Status: | Valid |
| Other formats: | XML (Registry) XML (ISO 19139) JSON Atom CSV |

**Metadata code list values**

Show only valid items

| Label | Governance level | Status |
|---|---|---|
| Agricultural area | eu-good-practice | Valid |
| Ecological Focus Area | eu-good-practice | Valid |
| GSAA | eu-good-practice | Valid |
| IACS | eu-good-practice | Valid |
| LPIS | eu-good-practice | Valid |
| Reference Parcel | eu-good-practice | Valid |

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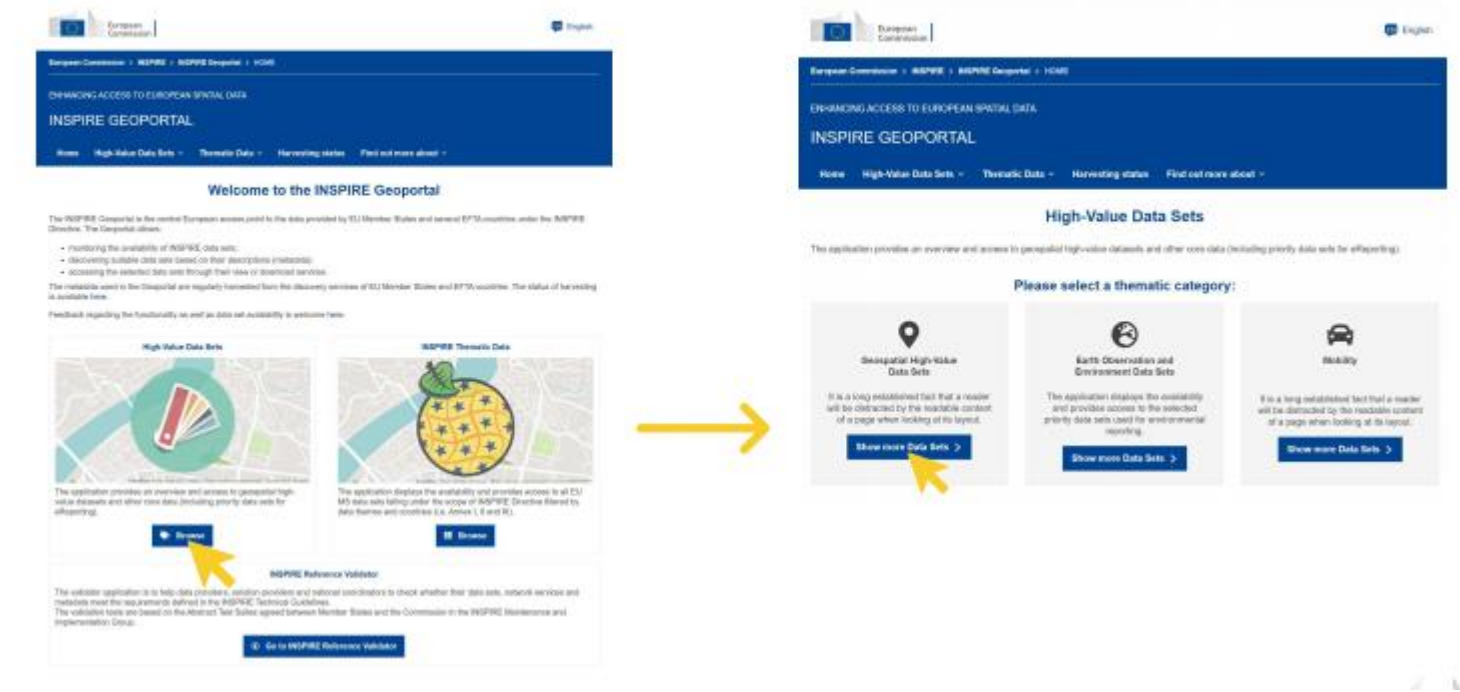
# AGRI/JRC (ENV support) IACS 65 arrangement

## Discoverability and accessibility

New INSPIRE Geoportal (mockup)




**New context:**

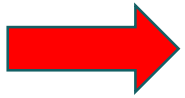
**Opendata Directive**

**High Value datasets &**

**Common data space**

# High Value Datasets

- *Geospatial*
- *Earth observation and environment*
- *Meteorological*
- *Statistics*
- *Companies and company ownership*
- *Mobility*



"Agricultural parcels and livestock"

- Next?

  Proposal of the list of HVDs to be submitted to the Open Data Committee in **Q2 2021**

# AGRI/JRC (ENV support) IACS 65 arrangement

## Discoverability and accessibility

- New INSPIRE Geoportal (mockup)

**Full implementation of TG 'metadadata discoverability, (K. Toth, JRC D5) by November 2021**

**Specific 'clinic' workshop Organised by JRC B6 (+ JRC D5) on 8 June (NCP +PA)**

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# AGRI/JRC (ENV support) IACS 65 arrangement

**In September 2021 more information available on:**

- ***Interoperability*** (LULUCF and crop classification) (preliminary results presented by JRC D5 on 28 April (GREX on Direct Payment)
- ***Soil health*** use case – performed by JRC D3 in collaboration with University of Leuven (Belgium)
- ***IACS data exploration and integration*** – protoype developed by JRC D3 well advanced; final results by end of August
- Collaboration with MS:
  - Low because of covid crisis but will be boosted by autumn (INSPIRE conference, second JRC/AGRI workshop…)
  - Enlarge networking to INSPIRE NCP, public bodies dealing with some specific data (protected areas, organic farms, animals…)

# Thank you

Contact :

Mohamed.El-Aydam@ec.europa.eu

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