



DG AGRI process for IACS data sharing

17th Meeting of the INSPIRE Maintenance and Implementation Expert Group (MIG)

DG AGR A4; DG JRC D3, D5, T1; DG ENV 01

27.04.2023

CONTENT

DG AGRI process for IACS data sharing (AGRI)

Main achievements: IACS 65 project (JRC)

Next (JRC): continuation and expansion of activities in the context of new AGRI/JRC arrangement (***Spatial Agricultural Information System***)

Request collaboration of MIG (27/4) and CAP (16/5) communities (AGRI)

- TG1 (*discovery and access*)
- TG2 (*interoperability*)

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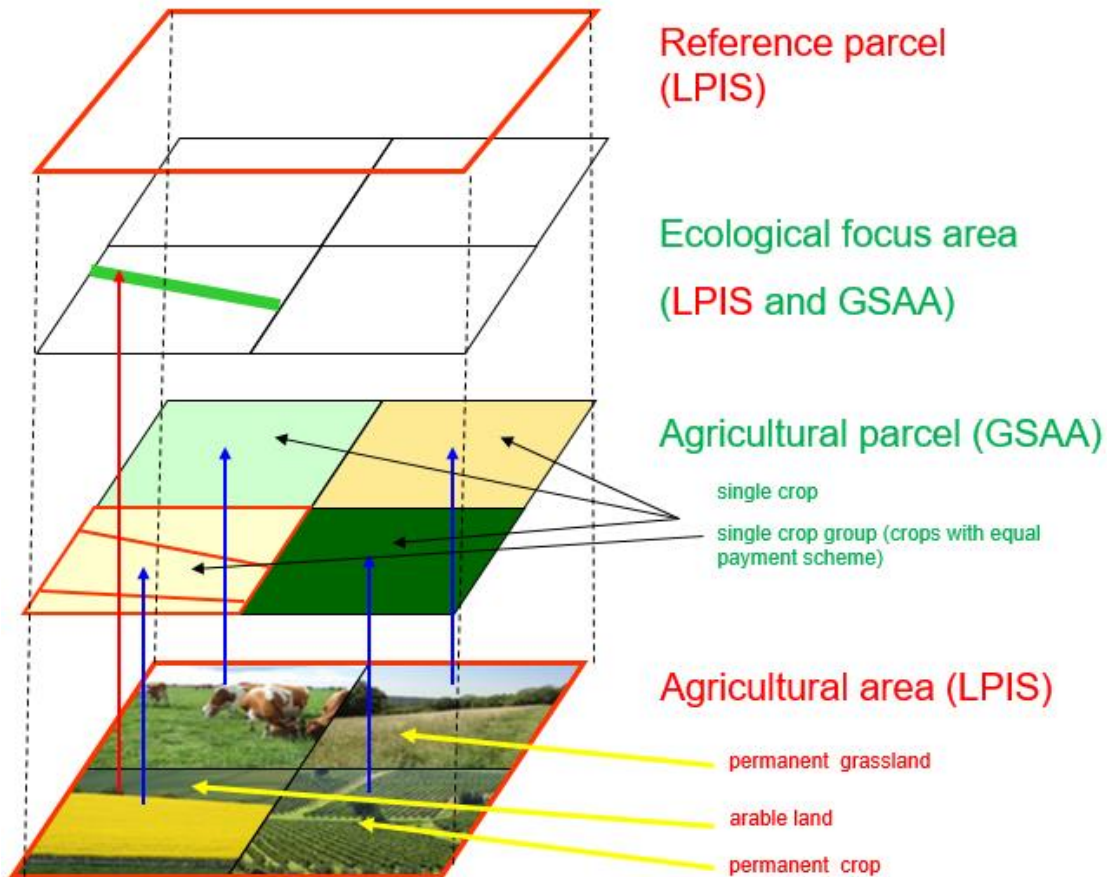
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Background information

See presentation made by IACS65 team at 16th MIG meeting (November 2022):

- IACS ? (LPIS, GSA)
- New CAP
- Provision on IACS data sharing



DG AGRI process – IACS data sharing

Since 2018

Difficult access to IACS data for evaluation/assessment purposes (especially for environmental questions like assessment of Ecological Focus Area implementation after one year ...)

Set up of specific process by DG AGRI in collaboration with other DGs (ENV, CLIMA, ESTAT, JRC...and EEA) to :

- Ensure **efficient access** and **effective re-use** of IACS data
- Target **spatial and non personal** IACS data
- Implementation framework: primarily **INSPIRE** (rules and infrastructure)
- **Collaboration with Member States** (Managing authorities/paying agencies)
- **EC (technical) support (by JRC)**

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Achievements

→ JRC D3

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Discovery and access “quality” implementation

Member States **are invited to check** the implementation of ‘discovery and access’ part of IACS data sharing

References: TG1 and EU geoportal

Exchange:

DG AGRI will call for meetings gathering at least INSPIRE and CAP experts (but also mapping agencies and other public bodies providing some data to IACS (first attempt: 3rd workshop that took place 28 February)

Discovery and access “quality” implementation

Exchange with MS:

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First set of MS:

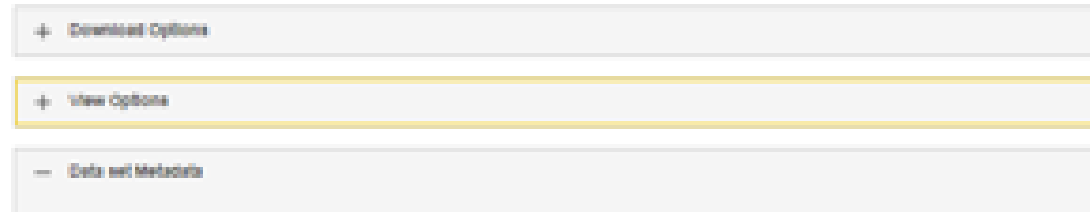
NL, PT, ES, PL, DK, FR

Discovery and access “quality” implementation

Issues (to be checked/solved by MS and/or EC)

- Implementation in previous geoportal but not in the new
- Implementation in the previous and new geoportal are not the same (content MD, services)
- Language (in particular for conditions to access data)
- Geographical coverage (national/regional)
- LPIS and GSAA
- ...

Services to view/download the data



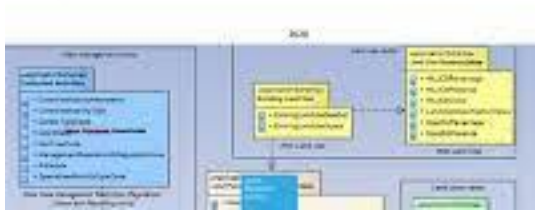
MS	view	download
PT	✓	✓
ES (p)	✓	-
BE (p)	✓	✓
DE (p)	-	-
DK	-	-
AT	✓	✓
SI	✓	✓
SK	✓	✓

MS	view	download
HR	✓	✓
RO	✓	-
LT	✓	✓
LV	✓	✓
EE	✓	✓
MT	-	-
SE	✓	✓
IE	-	-

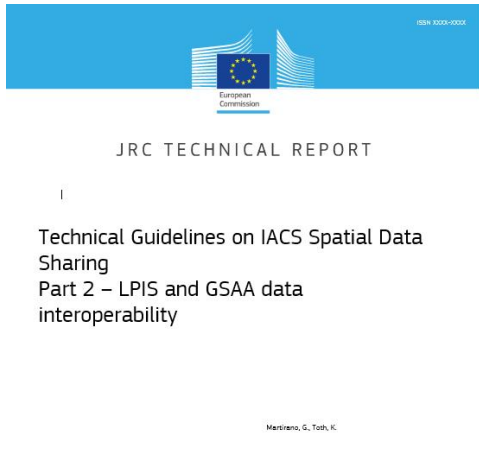


(p) = partial geographical coverage

Technical Guideline 2 - Data interoperability



Stage 1: discussion paper



Stage 2: technical guidelines

These Technical guidelines are build on the INSPIRE Generic Conceptual Model (INSPIRE Data Specification Drafting Team, 2014) and follow the INSPIRE data specification template with the following sections:

- Introduction
- Overview
- Data content and structure
- Application schema LPIS
- Application schema GSA
- Reference systems, units of measurements and grids
- Data quality
- Dataset level metadata
- Delivery
- Data capture
- Portrayal
- Conclusions

The harmonised data models described in this report represent a concrete proposal to solve the lack of harmonisation of LPIS and the GSA datasets across Europe. In addition to the common data models for LPIS and GSA this report provides a full data specification according to INSPIRE. Despite preserving the IACS semantics, the proposed solution facilitates the creation of INSPIRE conformant datasets from the LPIS and GSAA implementations of the Member States.

Technical Guideline 2 - Data interoperability



JRC TECHNICAL REPORT

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Technical Guidelines on IACS Spatial Data
Sharing
Part 2 – LPIS and GSAA data
interoperability

Martireno, G., Toth, K.

2022



Call for contribution (revision of TG)

Detailed presentation by K. Toth at MIG T meeting

Concluding remarks

DG AGRI process for IACS data sharing (AGRI)

Collaboration within the Commission will continue

Important to get more data regarding the high ambition in the CAP for (environmental and climate) policy performance evaluation (**ECA**)

Involvement of Member States is crucial – in addition to Paying agencies, MIG, mapping agencies, other public bodies should be more included

Exchange with MS (committees but also workshops)

Concluding remarks

Main achievements: IACS 65 project (JRC)

- Technical guidelines for discovery and access (implementation only by half of MS – to be continued)
- Technical guidelines for interoperability (revision by MIG and CAP communities)
- Soil health use cases - Demonstration of usefulness of IACS data (erosion, pesticide, land degradation and soil organic carbon)
- Feasibility of Spatial Agricultural Information System (ECA)