

DG AGRI Process for IACS data sharing under INSPIRE

63rd MIG Expert group meeting – 14 October 2020

DG AGRI | D.3 Implementation Support and IACS

Outline

- Context, background information
- DG AGRI process
- Achievements
- Next: publication of metadata by all the MS

AGRI D3?

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 (...)

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

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

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

IACS?

Under the CAP → MS implementation of a system for CAP management

https://ec.europa.eu/info/food-farming-fisheries/key-policies/common-agricultural-policy/cap-glance_en#thecapinpractice

→ Illustration by Estonia and Spain (Catalunia) during the meeting

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.

LPIS data
Reference parcel boundaries
Maximum eligible area
Land Cover Classification (AL, PC, PG)
Stable Ecological Focus Areas (EFA-layer: terraces, buffer strips, agro-forestry, short rotation coppice, ...)
Other landscape elements
RD agri-environment-climate measures
Other area-related information (relevant for eligibility e.g. Natura 2000, WFD, ANC, ...)
Eligibility profile (as described in LPIS QA)

GSAA data
Agricultural parcels boundaries and areas
Data on individual arable crops (by crop group as defined by MS or by crop if this is relevant at MS/region level)
Data on individual permanent crops (by crop group as defined by MS or by crop if this is relevant at MS/region level)
Permanent grassland (geo-localised)
Uses on arable land (for crop diversification; >10ha)
Individual Ecological Focus Areas
Area-related rural development commitments

Other:

Not (necessarily) under IACS

but collected/managed by Public administration

- Organic farming
- Natura 2000
- Register of animals
- Register of vineyards
- Etc.

Context (policy)

Green deal

→ **farm to fork**

(but also biodiversity, zero pollution, greendata4all...)

Europe fit for digital age

→ **digital and data strategies**

(EU common data spaces)

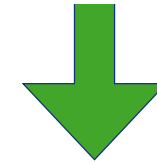
DG AGRI process for IACS data sharing

Implementation support to the MS for IACS data sharing in the context of INSPIRE: "dg agri process" for data sharing

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 Member States (coordination bodies and paying agencies)



common understanding of the legal context (CAP, INSPIRE, GDPR) and actual implementation in the geoportal

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

Efficient access to data
(INSPIRE)

&

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

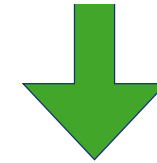
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"DG AGRI process" for IACS non-personal spatial data sharing

JRC B6 and
JRCD D5

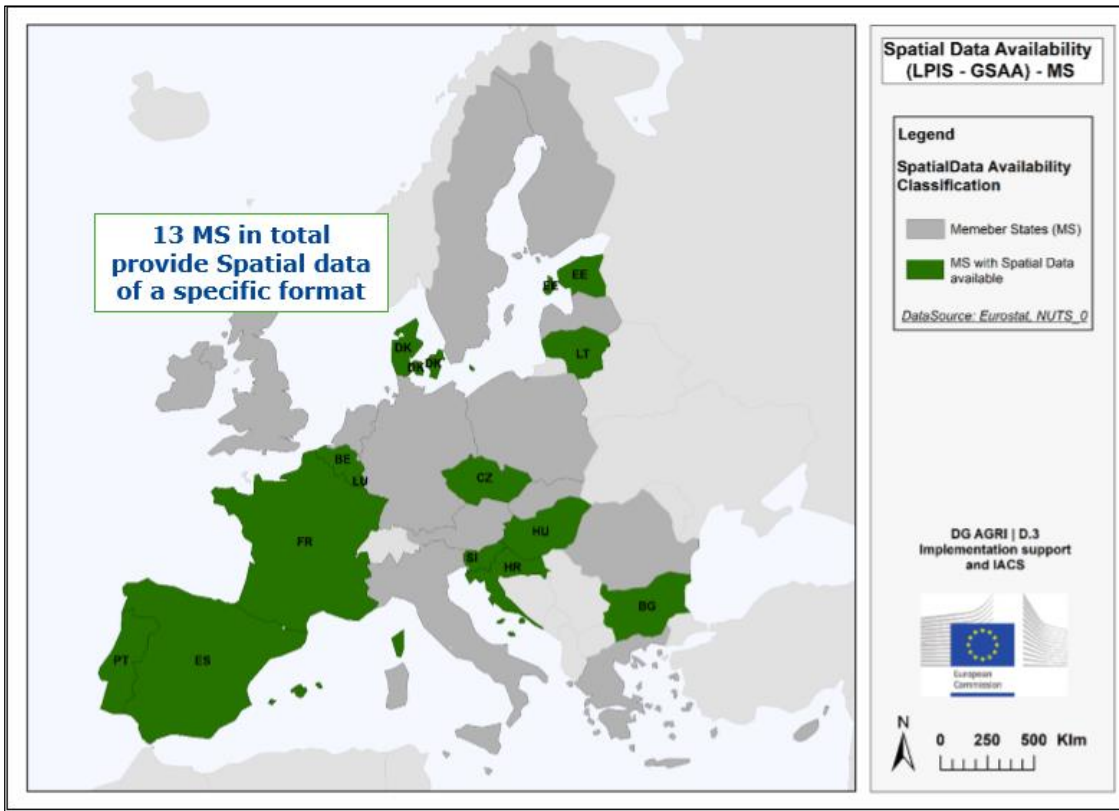
Efficient access to data
(INSPIRE)

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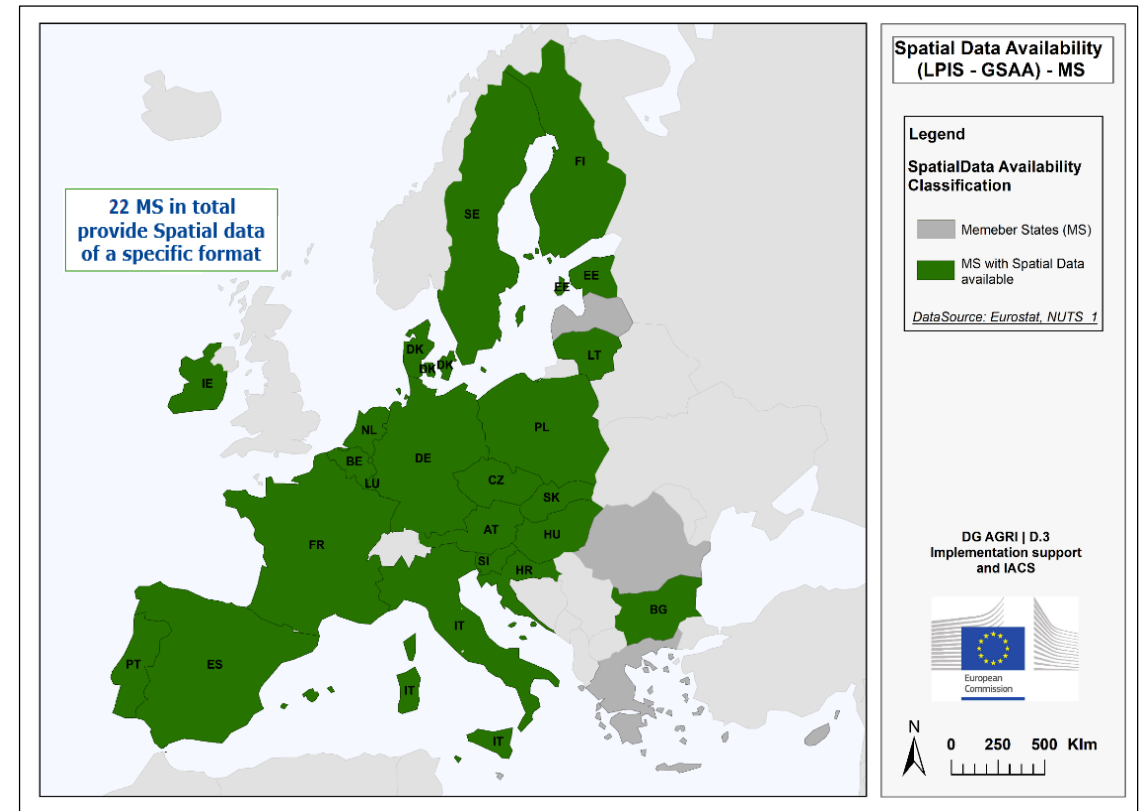
Effective re-use and added value of data
(case and feasibility study)

JRC D3

Mapping results – Who is sharing?



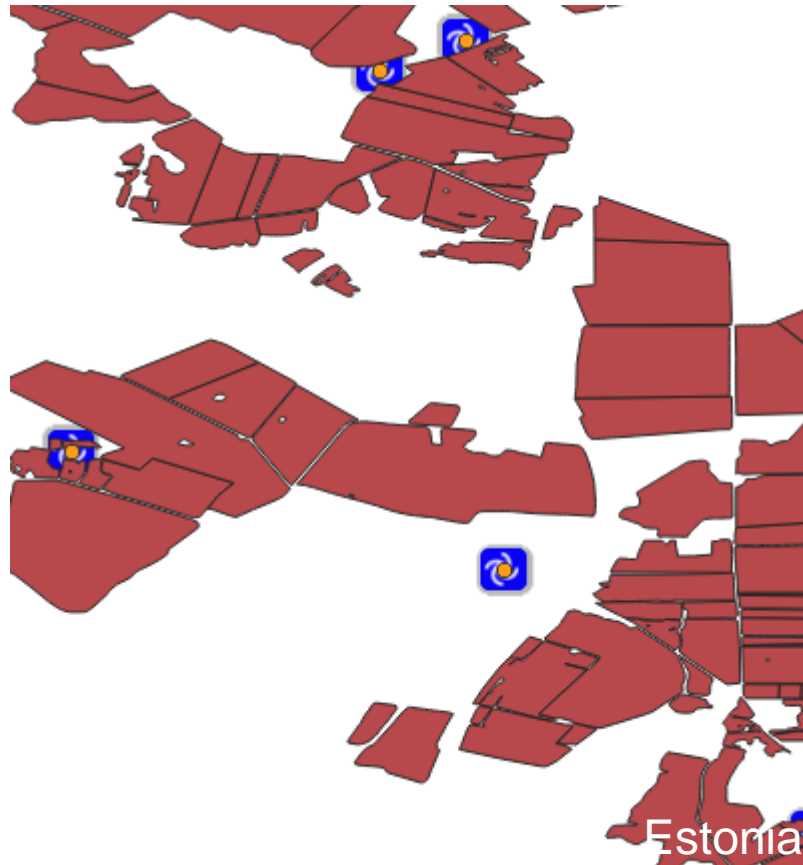
November 2019



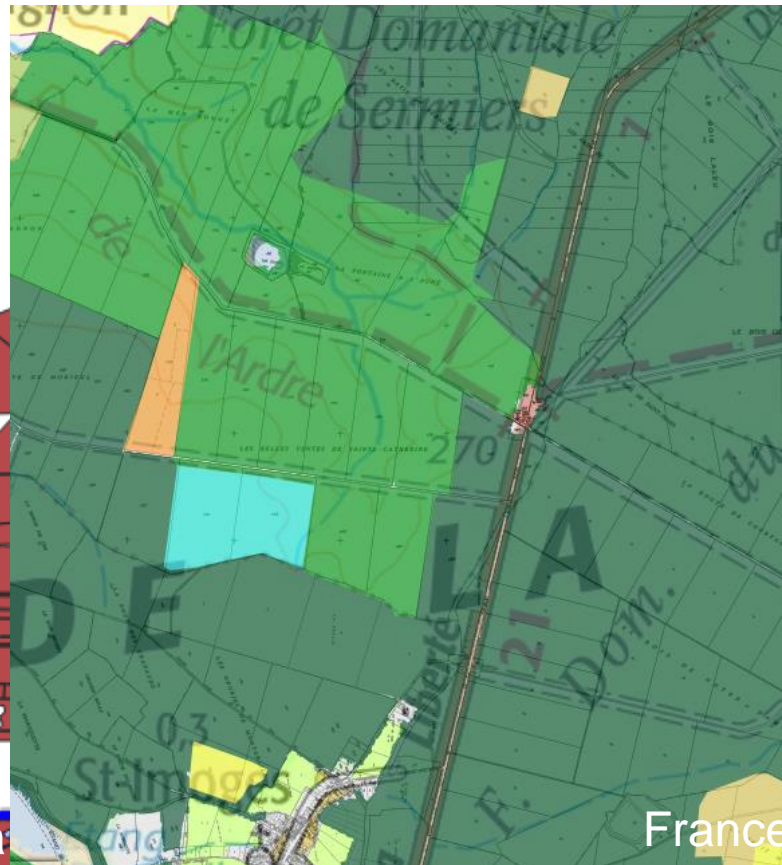
July 2020

Mapping results – What type of data is shared?

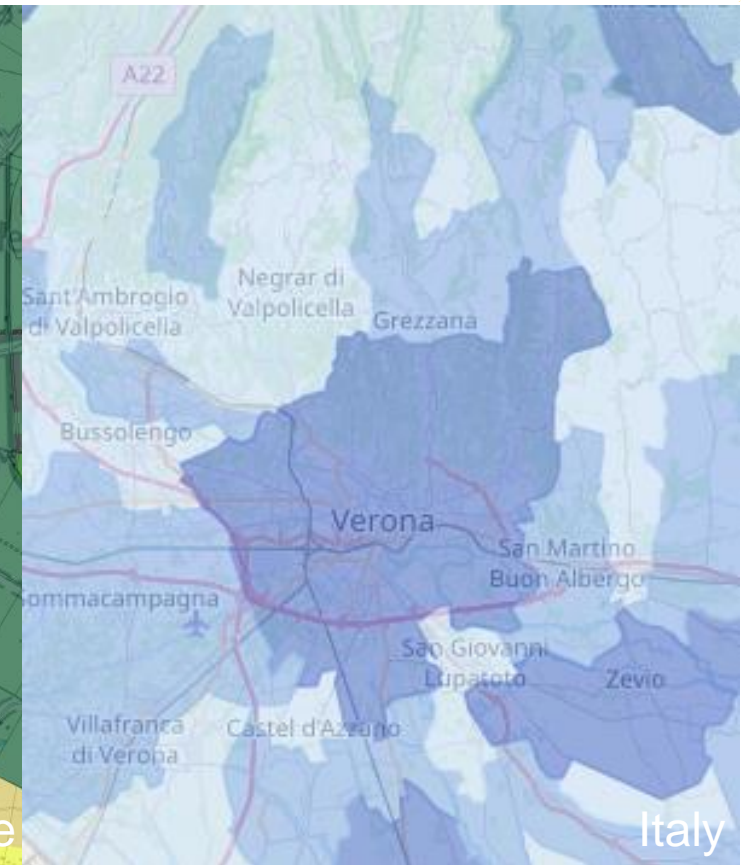
Livestock illustration



Forest illustration



Organic farming

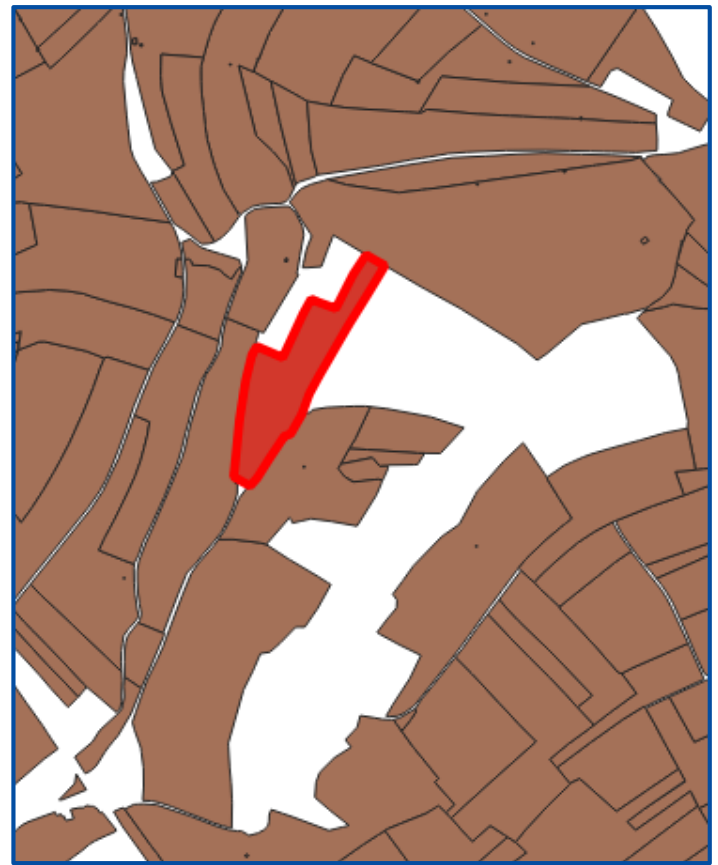


Mapping results – What type of proposed ‘services’?

The screenshot shows the geoportal.lt interface. On the left, there are search and filter options. The main map area displays a parcel highlighted in brown. Below the map, a data table provides details for the selected object.

OBJECTID	791440
Shape	Polygon
TOP_ID	1722567B-A680-4676-AC07-7500B53F1FC5
GKODAS	ms0
GRAKTAS	
VARDAS	
META	33
RED_PRIEZASTIS	NUOLATINIS

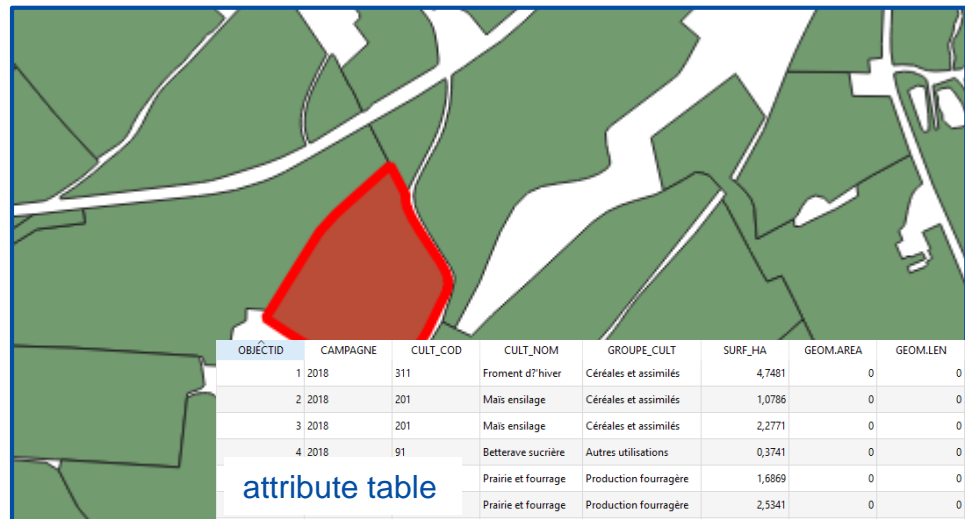
**Discovery
(LT)**



.shp (LU) – (GIS software)

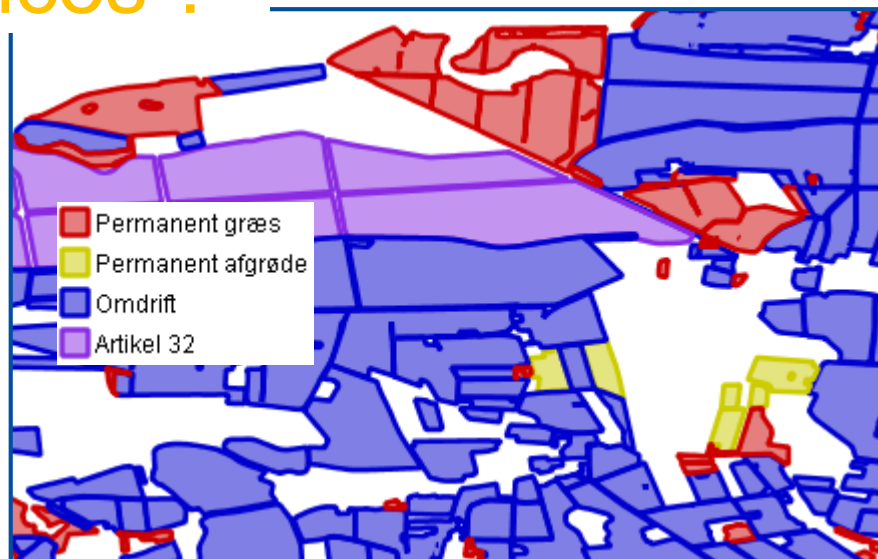
Interactivity (SI)

Mapping results – What type of proposed ‘services’?



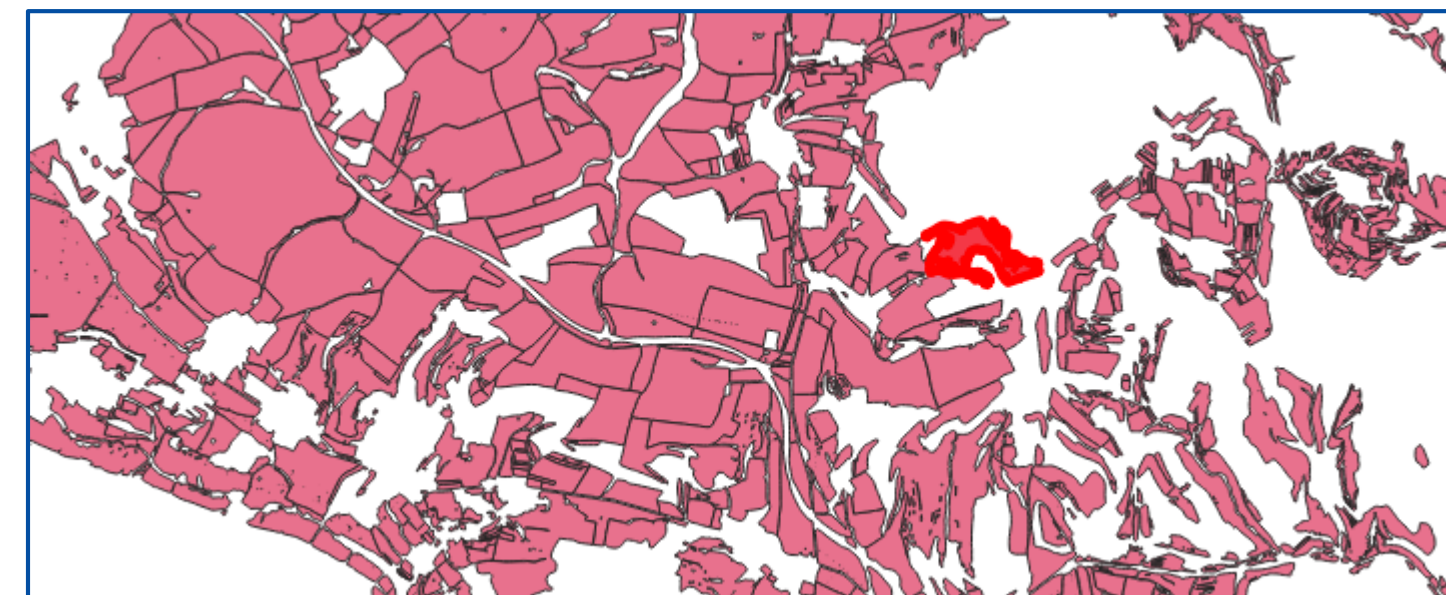
WFS (BE-WA) – WebFeatureService = URL supported by GIS software

- Fodder crop



WMS (DK) – WebMapService = URL supported by GIS software

- PG
- PC
- Crop Rotation
- areas facing natural and other specific constraints



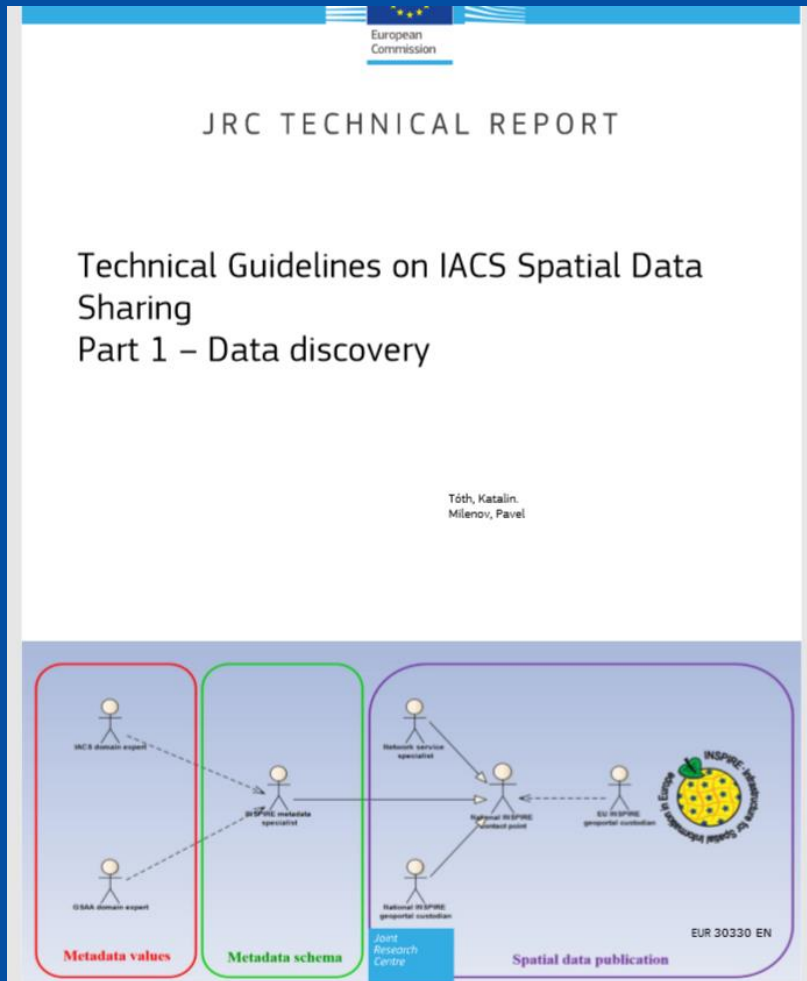
GML (SK) – GeographyMarkupLanguage = XML like format supported by GIS software

- crops

fid	ROK	ID_KD	ZKODKD	VYMERA	KODKD	LOKALITA	SPOSOBILOS	KULTURA	Shape_Leng	Shape_Area
KD_2020_20200...	2020	42459	7403/1	6,720000000000	437129403/1	Turovce	spA'sobilA'	OP	1369,16075092000	67207,43417470...
KD_2020_20200...	2020	42460	4602/1	22,790000000000	474128602/1	Lok	spA'sobilA'	OP	2371,80432096000	227906,1199180...
KD_2020_20200...	2020	42457	1401/1	6,800000000000	481128401/1	Maľčava	spA'sobilA'	OP	1324,72678330000	68067,99829970...
KD_2020_20200...	2020	42458	4201/1	19,320000000000	444129201/1	Hokovce	spA'sobilA'	OP	1948,23108343000	193223,1257709...
KD_2020_20200...	2020	42429	6706/1	34,550000000000	476129706/1	Bardoľovo	spA'sobilA'	OP	2355,63097961000	345533,8469199...
KD_2020_20200...	2020	42431	5602/1	1,840000000000	475129602/1	Bardoľovo	spA'sobilA'	TTP	1259,39446914000	18453,99482510...
KD_2020_20200...	2020	42425	3602/1	9,580000000000	473129602/1	Bardoľovo	spA'sobilA'	OP		
KD_2020_20200...	2020	42426	3604/1	0,470000000000	473129604/1	Bardoľovo	spA'sobilA'	VIN		

attribute table

Implementation by the MS Metadata publication



- Who has/ has not published metadata?
- For the MS who published, check metadata value and/or key words
- In the context of the current process, publication “should be” finalised by June 2021
- EC will continue to support; help of INSPIRE contact point in the country welcome

Thank you for the collaboration!

Thank you

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