



# IACS data sharing

## EXPERT GROUP FOR MONITORING AND EVALUATING THE CAP

European Commission  
DG AGRI D.3

(online) 1 October 2020

# **OUTLINE: DG AGRI PROCESS for IACS data sharing under INSPIRE**

**Introduction – context**

**Actions achieved**

**Actions planned**

**Concluding remarks - Challenges**



## Introduction – context

- **IAS and EU policy**

- CAP (current and coming)
- Internal audit → more collaboration with EC services (ENV, EEA, CLIMA...)
- Green deal (farm to fork)
- Europe fit for digital age

- **DG AGRI process**

- Legal and technical framework: INSPIRE
- Spatial and non-personal data (IACS/LPIS&GSAA)
- Collaboration with EC services AND the Member States (Paying agencies)
- Efficient access to data and effective re-use of data (use cases, pilot project)



## Actions achieved

- **Missions** in Paying agencies: **FR, LU, GR, PT, DE, BG and LT** (postponed due to COVID: NL, HR and EE)
- **Q&A (AGRI)** – clarification on legal provisions for the MS; presentation in January 2020; under revision by the LS
- **Technical support (JRC D5; K. Toth)** – two documents prepared and discussed with the MS on metadata (technical guideline) and on interoperability (discussion paper)
- First JRC/AGRI **workshop** (Prague, Nov 2019) – 13 MS – success!
- **Mapping** exercise on (« IACS like » data) shared by the MS
- **Administrative Arrangement** « IACS 65 » - signature in Sept 2020 between JRC-AGRI and ENV



## Actions planned

**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 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 IACS data sharing**

**Efficient access to data**  
**(INSPIRE)**

**&**

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



## Actions planned

Implementation support to the MS for IACS data sharing in the context of INSPIRE: “dg agri process” for data sharing: **DG AGR-JRC (and ENV) arrangement**

### AGRI D3 - Implementation support and IACS

- Current and future CAP
- EU policy (Environment and digital)
- Internal Audit Service IAS

Collaboration  
with EC  
services and  
Paying  
agencies

#### Events

- **Workshops**
- **Missions to PA**
- **Follow-up of projects**

### “DG AGRI process” for IACS non-personal spatial IACS data sharing

#### Efficient access to data (INSPIRE)

- **EU Common data space?**
- **Discovery (metadata)**
- **View (download)**
- **Interoperability**

&

#### Effective re-use and added value of data

(case and feasibility study)

- **Use cases SOIL**
- **Exploration of IACS data  
integration (...beyond the CAP)**

JRC



## Collaboration of Paying agencies

1. AGRI mapping of MS experience in agricultural data sharing
2. Common understanding of legal provisions and actual implementation
3. Take in consideration relevant EU projects (OpenIACS, NIVA, ...)
4. **Participation** in different use cases and pilot projects



- **On voluntary basis**
- **The previous interests of PA taken into consideration (JRC D5 survey)**
- **Specific message to PA to organise properly the PAs participation**



## Concluding remarks

- **MS share already some spatial data (not only discovery but access)**
- **Efficiency ? (→ agri-food data portal – as contribution)**

## Challenges

- **Spatial data vs personal data**
- **Specific needs of IACS community vs EU geoportal**
- **IACS data sharing integration in both twin EU ambitions :**
  - Digital (EU common data space?)
  - Green deal (Farm to Fork)





## IACS (or IACS like) data shared by the MS: mapping exercise

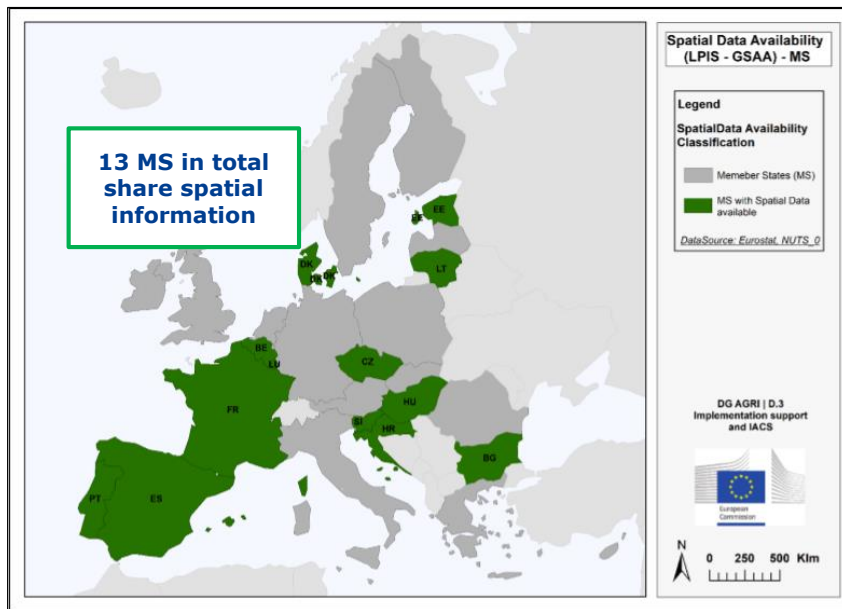
**Who  
?**

**What  
?**

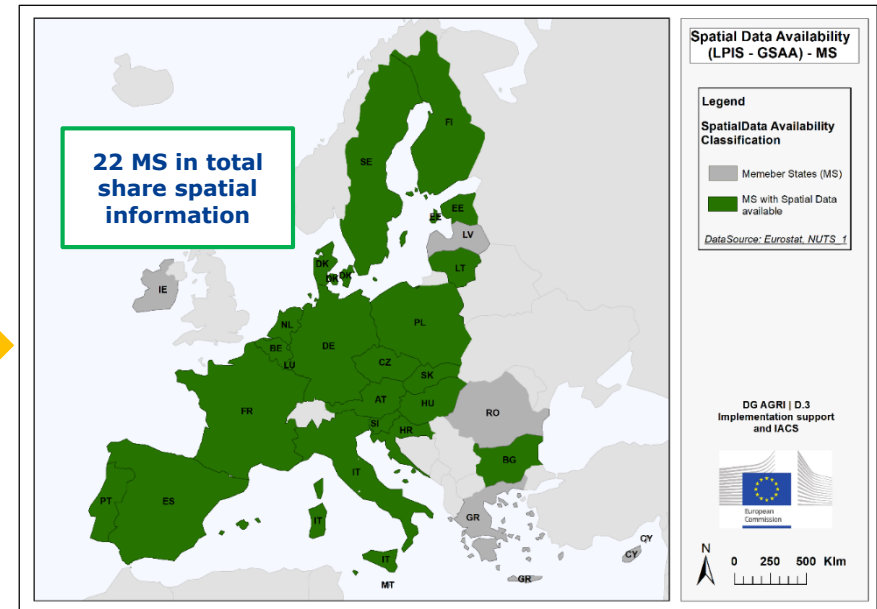
**How  
?**

**[To  
whom  
?]**

## Who (only participating MS)?



November 2019

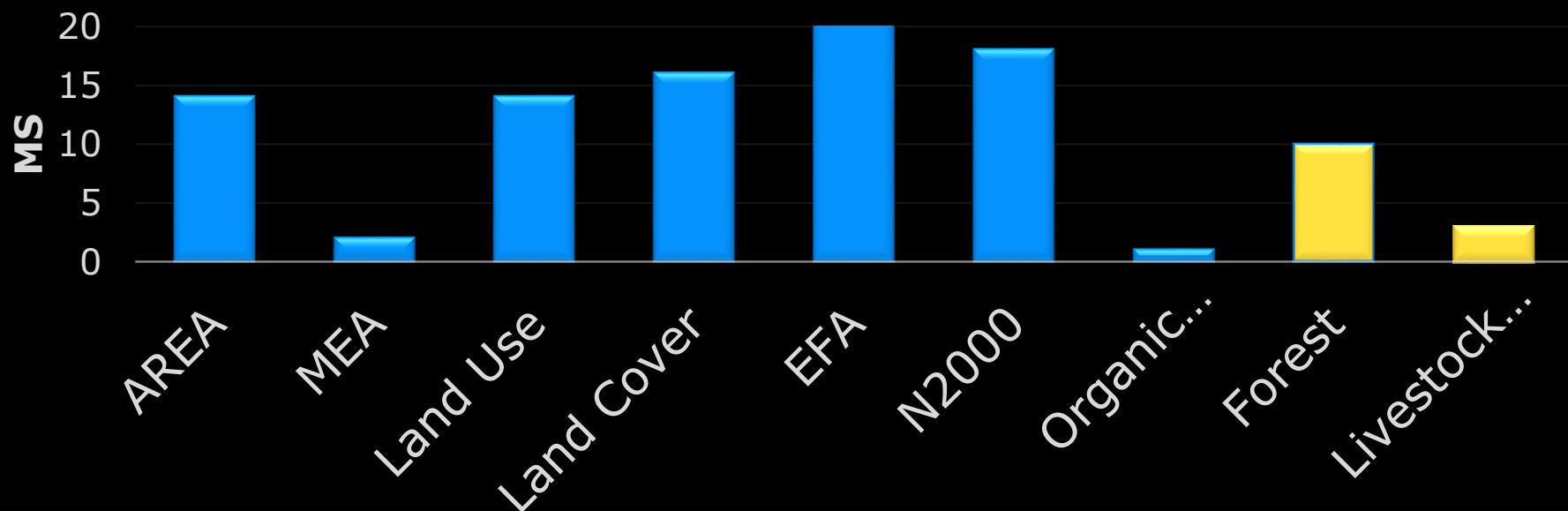


July 2020



## What?

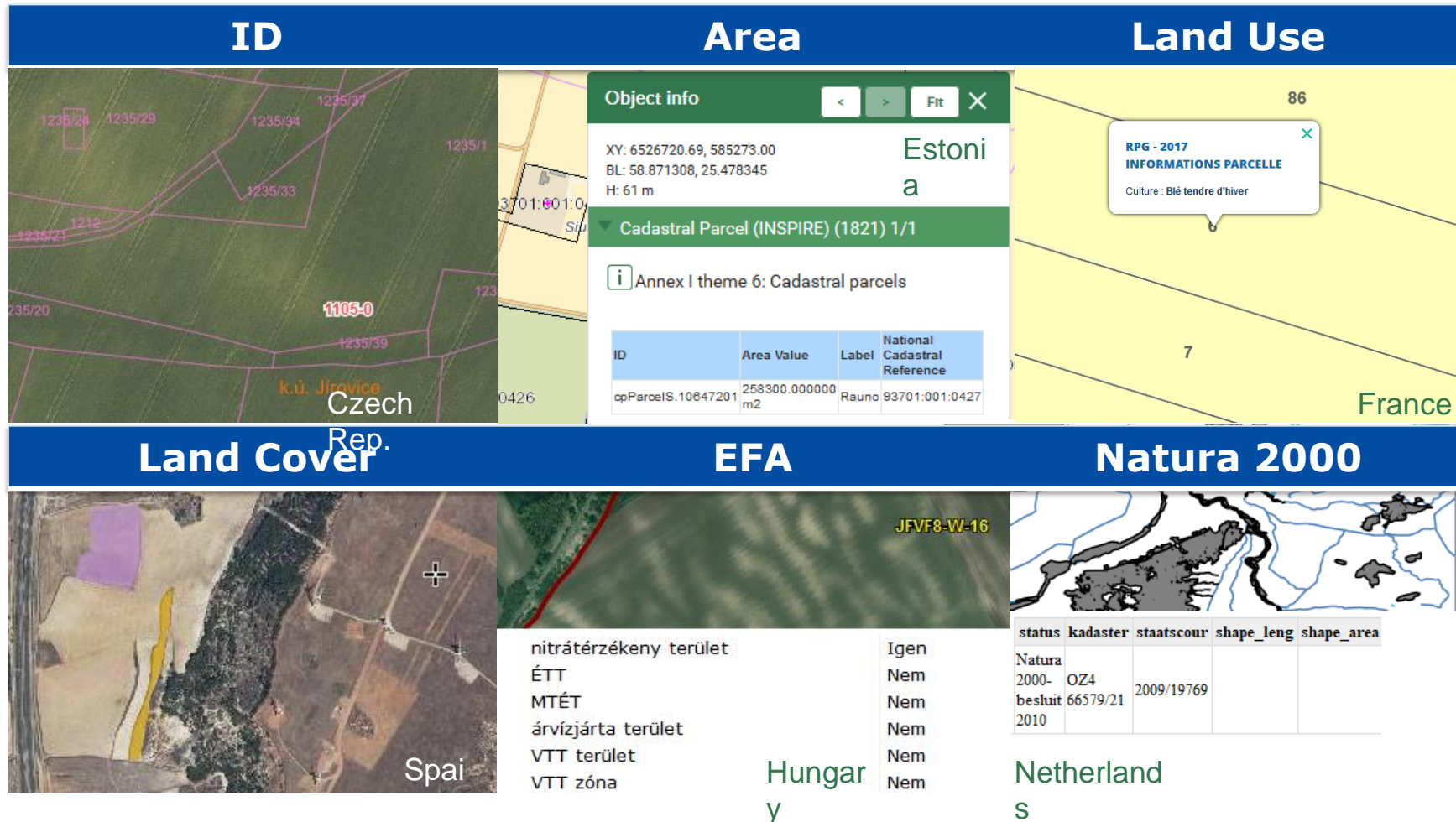
### Land Categories' Information provided



# DG AGRI PROCESS for IACS data sharing under INSPIRE



## What?

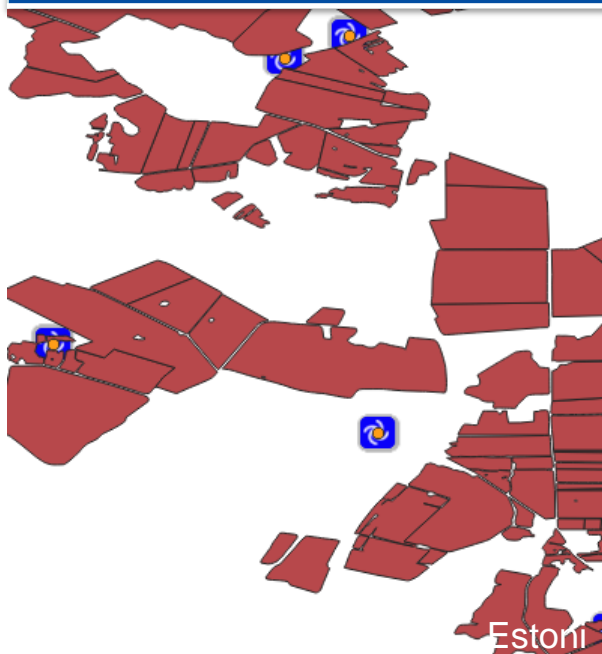




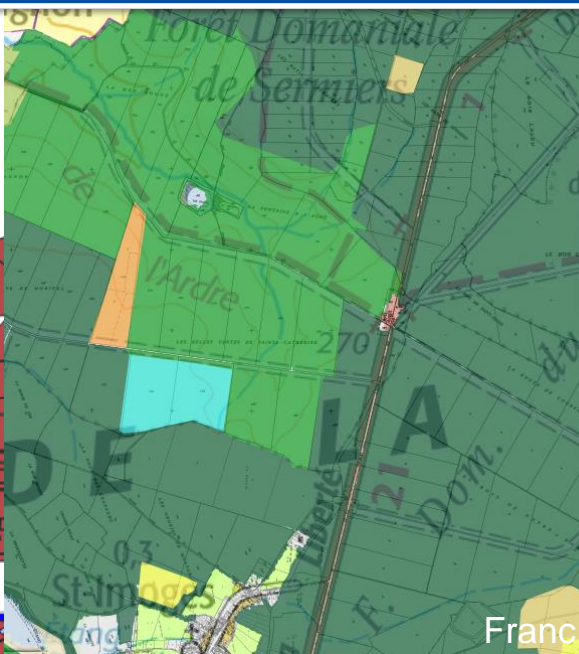
European  
Commission

## What?

### Livestock illustration



### Forest illustration



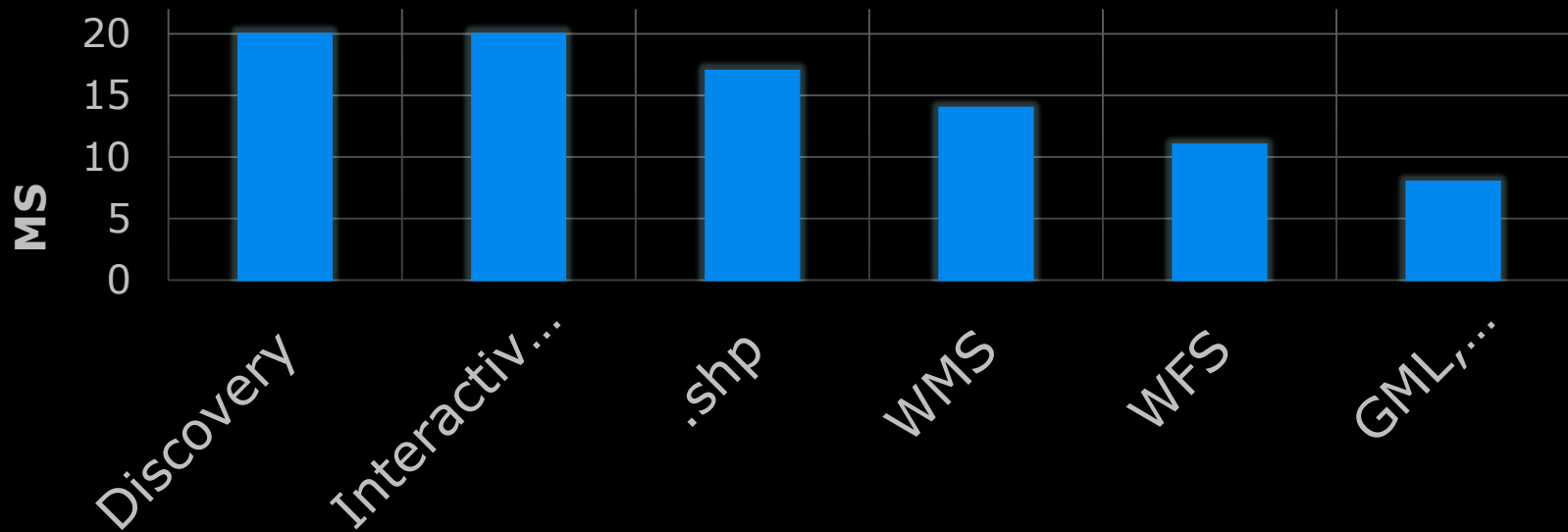
### Organic farming





## How?

### Access to data and services



# DG AGRI PROCESS for IACS data sharing under INSPIRE



next?

Country	IACS portal access ("bits")	WMS link for GIS confirmation	WMS link to online spreadsheet
ES*	<a href="http://www.magrama.es/web/guest/portal">http://www.magrama.es/web/guest/portal</a>	<a href="http://www.magrama.es/web/guest/portal">http://www.magrama.es/web/guest/portal</a>	
PT	<a href="http://www.magrama.pt/web/guest/portal">http://www.magrama.pt/web/guest/portal</a>	<a href="http://www.magrama.pt/web/guest/portal">http://www.magrama.pt/web/guest/portal</a>	
FR	<a href="http://www.magrama.fr/web/guest/portal">http://www.magrama.fr/web/guest/portal</a>	<a href="http://www.magrama.fr/web/guest/portal">http://www.magrama.fr/web/guest/portal</a>	
DK	<a href="http://www.magrama.dk/web/guest/portal">http://www.magrama.dk/web/guest/portal</a>	<a href="http://www.magrama.dk/web/guest/portal">http://www.magrama.dk/web/guest/portal</a>	
GR	<a href="http://www.magrama.gr/web/guest/portal">http://www.magrama.gr/web/guest/portal</a>	<a href="http://www.magrama.gr/web/guest/portal">http://www.magrama.gr/web/guest/portal</a>	
LU	<a href="http://www.magrama.lu/web/guest/portal">http://www.magrama.lu/web/guest/portal</a>	<a href="http://www.magrama.lu/web/guest/portal">http://www.magrama.lu/web/guest/portal</a>	
CZ	<a href="http://www.magrama.cz/web/guest/portal">http://www.magrama.cz/web/guest/portal</a>	<a href="http://www.magrama.cz/web/guest/portal">http://www.magrama.cz/web/guest/portal</a>	

## IACS Data of Member States

### Integrated Administration and Control System Database

Push one of the buttons below and visit the Interactive map of your choice



Source: K. Toth  
JRC D.5

→ agri-food data portal

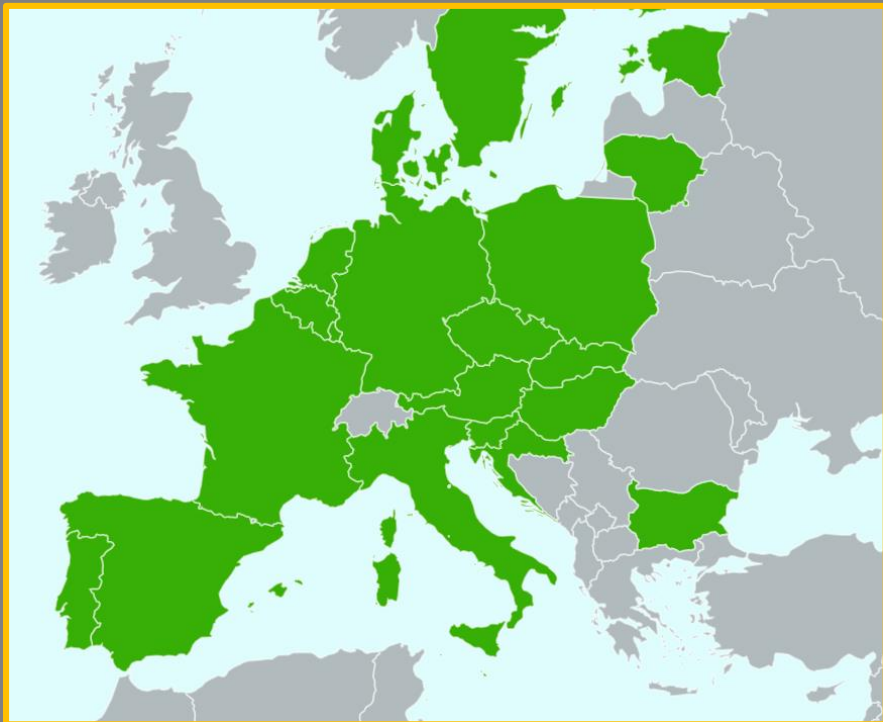
→ EU (INSPIRE) geoportal?



## AGRI “discovery” tool

### IACS Data of Member States

Spatial information per MS (link to attribute tables)



#### France - Spatial Data

List with the data information and access links to the IACS sharing data

Type of Spatial Data	Availability/Access
IACS Portal Access	<a href="https://www.geoportail.gouv.fr/donnees/registre-parcellaire-graphique-rpg-2017">https://www.geoportail.gouv.fr/donnees/registre-parcellaire-graphique-rpg-2017</a>
WMS link (GIS environment)	<a href="http://wxs.ign.fr/CLEF/geoportail/r/wms">http://wxs.ign.fr/CLEF/geoportail/r/wms</a>
WMS link (online geoportal)	<a href="http://wxs.ign.fr/CLEF/geoportail/r/wms">http://wxs.ign.fr/CLEF/geoportail/r/wms</a>
WFS link (GIS environment)	<a href="http://wxs.ign.fr/CLEF/geoportail/v/wms">http://wxs.ign.fr/CLEF/geoportail/v/wms</a>
Shapefile	available
GML	
LPIS data	
GSAA data	

Submit your comment

Full name  Your e-mail  Subject  Message

**Spatial  
Information that  
differs from one  
country to  
another (based  
on the excel  
table)**



# DG AGRI PROCESS for IACS data sharing under INSPIRE



## AGRI “discovery” tool

Interactive tables provided for each region level (list with spatial data available → geoportals, web-services etc.

Spatial Information focussing on each region of MS (NUTS I, II)

BE



Belgium  
m→  
NUTS I

### Flanders|Belgium - Spatial Data

List with the data information and access links to the IACS sharing data

Type of Spatial Data	Availability/Access
IACS Portal Access	<a href="http://www.geopunt.be/">http://www.geopunt.be/</a>
WMS link (GIS environment)	<a href="https://geoservices.informatievlaanderen.be/raadpleegdiensten/ALV/wms?">https://geoservices.informatievlaanderen.be/raadpleegdiensten/ALV/wms?</a>
WMS link (online geoportal)	
WFS link (GIS environment)	<a href="https://geoservices.informatievlaanderen.be/overdrachtdiensten/Landgebruik/wfs?service=WFS&amp;version=1.1.0&amp;request=GetCapabilities">https://geoservices.informatievlaanderen.be/overdrachtdiensten/Landgebruik/wfs?service=WFS&amp;version=1.1.0&amp;request=GetCapabilities</a>
Shapefile	available

### Wallonia|Belgium - Spatial Data

List with the data information and access links to the IACS sharing data

Type of Spatial Data	Availability/Access
IACS Portal Access	<a href="http://geoportal.wallonie.be/walonmap">http://geoportal.wallonie.be/walonmap</a>
WMS link (GIS environment)	<a href="https://geoservices.wallonie.be/arcgis/services/AGRICULTURE/SIGEC_PARC_AGR_I_ANON_2019/MapServer/WMServer?request=GetCapabilities&amp;service=WMS">https://geoservices.wallonie.be/arcgis/services/AGRICULTURE/SIGEC_PARC_AGR_I_ANON_2019/MapServer/WMServer?request=GetCapabilities&amp;service=WMS</a>
WMS link (online geoportal)	
WFS link (GIS environment)	<a href="https://geoservices.wallonie.be/arcgis/services/WFS/SIGEC_PARC_AGR_I_ANON/MapServer/WFSServer?request=GetCapabilities&amp;service=WFS">https://geoservices.wallonie.be/arcgis/services/WFS/SIGEC_PARC_AGR_I_ANON/MapServer/WFSServer?request=GetCapabilities&amp;service=WFS</a>
Shapefile	available
GML	available
LPIS data	Not available publicly
GSA data	in generalized form: <a href="http://geoportal.wallonie.be/catalogue/44b10a46-4025-4020-a943-e8ff45ccbd21.html">http://geoportal.wallonie.be/catalogue/44b10a46-4025-4020-a943-e8ff45ccbd21.html</a>

Submit your comment

Full name  Your e-mail  Subject

Comments' Application Form available for the User

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GR	<a href="http://www.magrama.gr/web/guest/portal">http://www.magrama.gr/web/guest/portal</a>	<a href="http://www.magrama.gr/web/guest/portal">http://www.magrama.gr/web/guest/portal</a>	
LU	<a href="http://www.magrama.lu/web/guest/portal">http://www.magrama.lu/web/guest/portal</a>	<a href="http://www.magrama.lu/web/guest/portal">http://www.magrama.lu/web/guest/portal</a>	
CZ	<a href="http://www.magrama.cz/web/guest/portal">http://www.magrama.cz/web/guest/portal</a>	<a href="http://www.magrama.cz/web/guest/portal">http://www.magrama.cz/web/guest/portal</a>	

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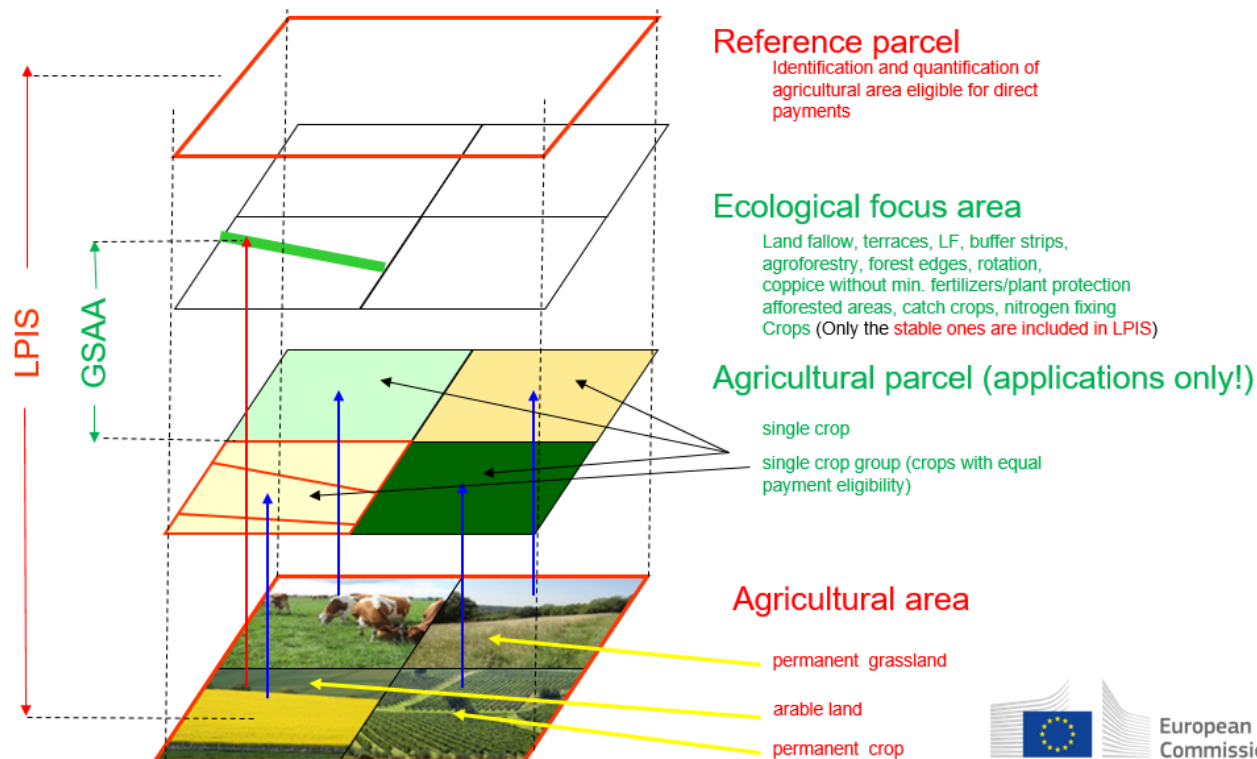
→ agri-food data portal

→ EU (INSPIRE) geoportal?

# Agricultural spatial data in LPIS and GSAA: personal data???

Source: K. Toth  
JRC D5

LPIS ~ Land cover  
Declarations ~ Land use



+ area-related rural development measures

# Thank you for your attention

**Contact:**

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