

Summary of Results of the Questionnaire in Preparation of PCC Conference

Joint PCC and EuroGeographics Conference
Portugal, 26/27 May 2021

Daniel Steudler, Chair CLRKEN

Participation

- 35 responses



replied



no feedback or out of scope



Table of Content

- Part I – Status of Land Administration Systems in Europe
- Part II – Innovations in Cadastre and Land Administration
- Part III – Roles of Public and Private Sectors
- Part IV – Relationship between Cadastre and Decarbonisation

Preliminary Remarks

- Questionnaire carried out in March/April 2021 in preparation of Joint PCC/CLRKEN Conference 2021 hosted by Portugal
- it was not a scientific study, some questions were not clear enough
- answers are diverging a lot, but it still is possible to recognize some common trends and general tendencies
- it is difficult to draw clear cut conclusions
- **BUT**: it provides a good overview of where we are as a cadastral community!

Table of Content

- **Part I** – **Status of Land Administration Systems in Europe**
- **Part II** – Innovations in Cadastre and Land Administration
- **Part III** – Roles of Public and Private Sectors
- **Part IV** – Relationship between Cadastre and Decarbonisation

1.1 Institutions responsible for LAS

Which institution is responsible for the LAS in your country on the national level?

4	NMCA + LR	CZ Surveying, Mapping and Cadastre / FI National Land Survey / NL Cadastre, Land Registry and Mapping Agency / SE Lantmäteriet
10	NMCA	BK Geodesy, Cartography, and Cadastre / CH Federal Office of Topography swisstopo / DE Cadastral and Mapping Agencies / HR State Geodetic Administration / LU Administration du cadastre et de la topographie / NO Mapping Authority / RU State Service for Geodesy, Cartography and Cadastre / SI Surveying and Mapping Authority / SK Geodesy, Cartography and Cadastre Authority / UA State Service for Geodesy, Cartography and Cadastre
5	Cadastre	ES Directorate General for Cadastre / GR Hellenic Cadastre / ME Cadastre and State Property Administration / MK Agency for Real Estate Cadastre / PT Direção-Geral do Território
1	Cadastre & Register	RO Agency for Cadastre and Land Registration
5	Register	IS Register Iceland / LT State Enterprise Centre of Registers / PL Land and Buildings Register / EW HM Land Registry / SC Register of Scotland
2	Finance & Revenue	FR Directorate General of Public Finance / IT Revenue Agency
1	Geodata Focus	DK Geodata Agency
4	Other	AT Metrology and Surveying / BE Administration of Patrimonial Documentation / HU Ministry of Agriculture / IT Ministry for Ecological Transition

1.2 Responsibilities of those Institutions

What are the responsibilities of this institution?

cadastre  30

topographic mapping, cartography  19

geodesy, geodetic framework, gravimetry  18

National Spatial Data Infrastructure  14

land registration  17

land valuation, mass valuation, appraisal  11

land consolidation, land reform  5

administration of state land  4

addresses, buildings, geographic names  7

Other mention:

utility cadastre, hydrography, professional regulations, geological mapping

1.3 Strategy of those Institutions

What was the strategy and has it been fulfilled in recent years?

digitization of processes and data



development of NSDI, web access



improved quality of data and services



services to clients/citizens



engage with stakeholders, collaboration



open government data



long-term strategies

30

regular updates

14

strategy fulfilled (fully, partially)

11

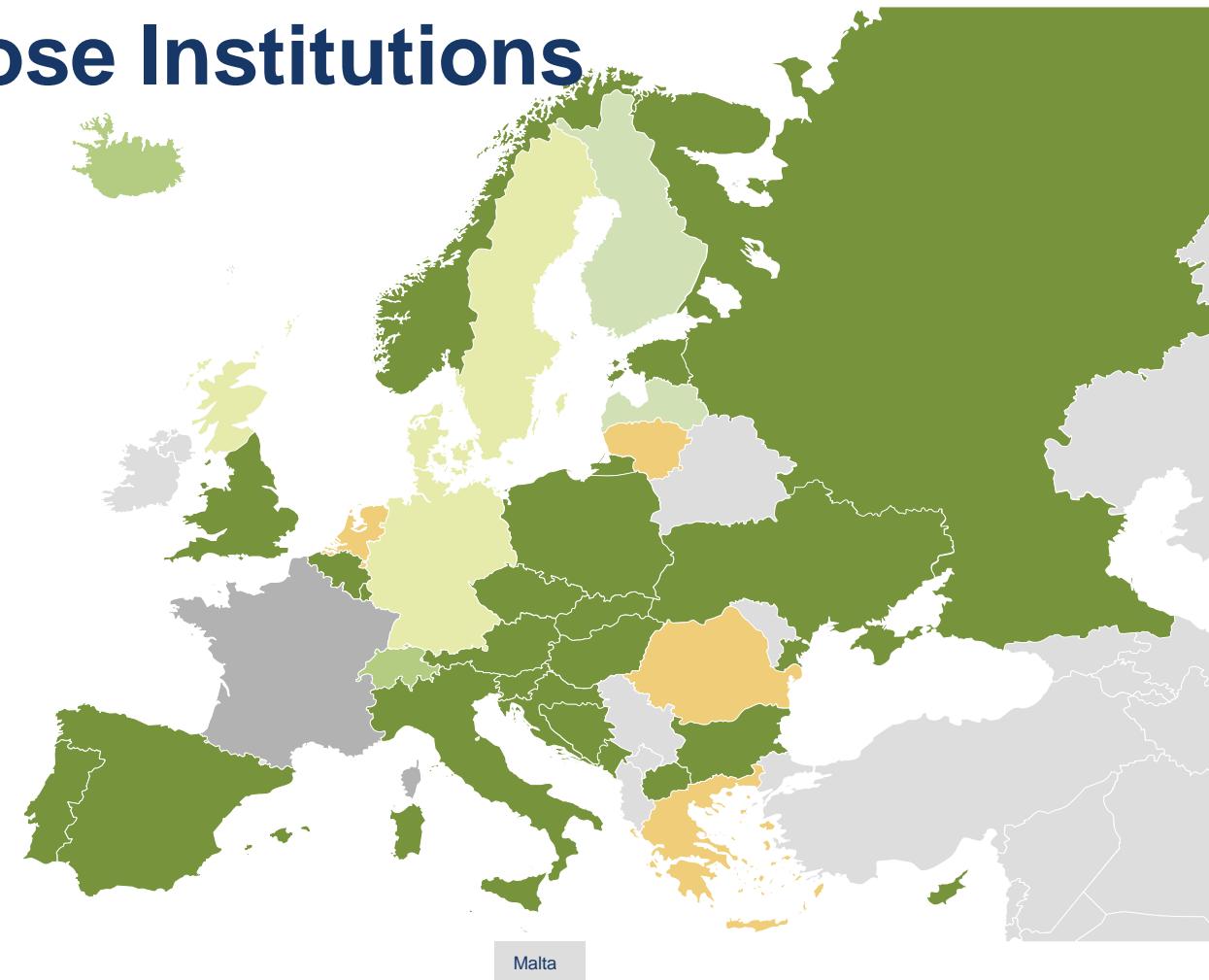
Other mention:

added value to society, completing registration and documentation, 3D, BIM, fiscal and tax issues, archival issues, legislative modernization, digital transformation, land consolidation, increase use of geographic data in society

1.4 Financial Model of those Institutions

What is the financial model of this institution?

-  100% Government funded (22)
-  50-99% Government funded (2)
-  1-49% Government funded (2)
-  partially Government funded (4)
-  self-financed (4)
-  no answer (1)

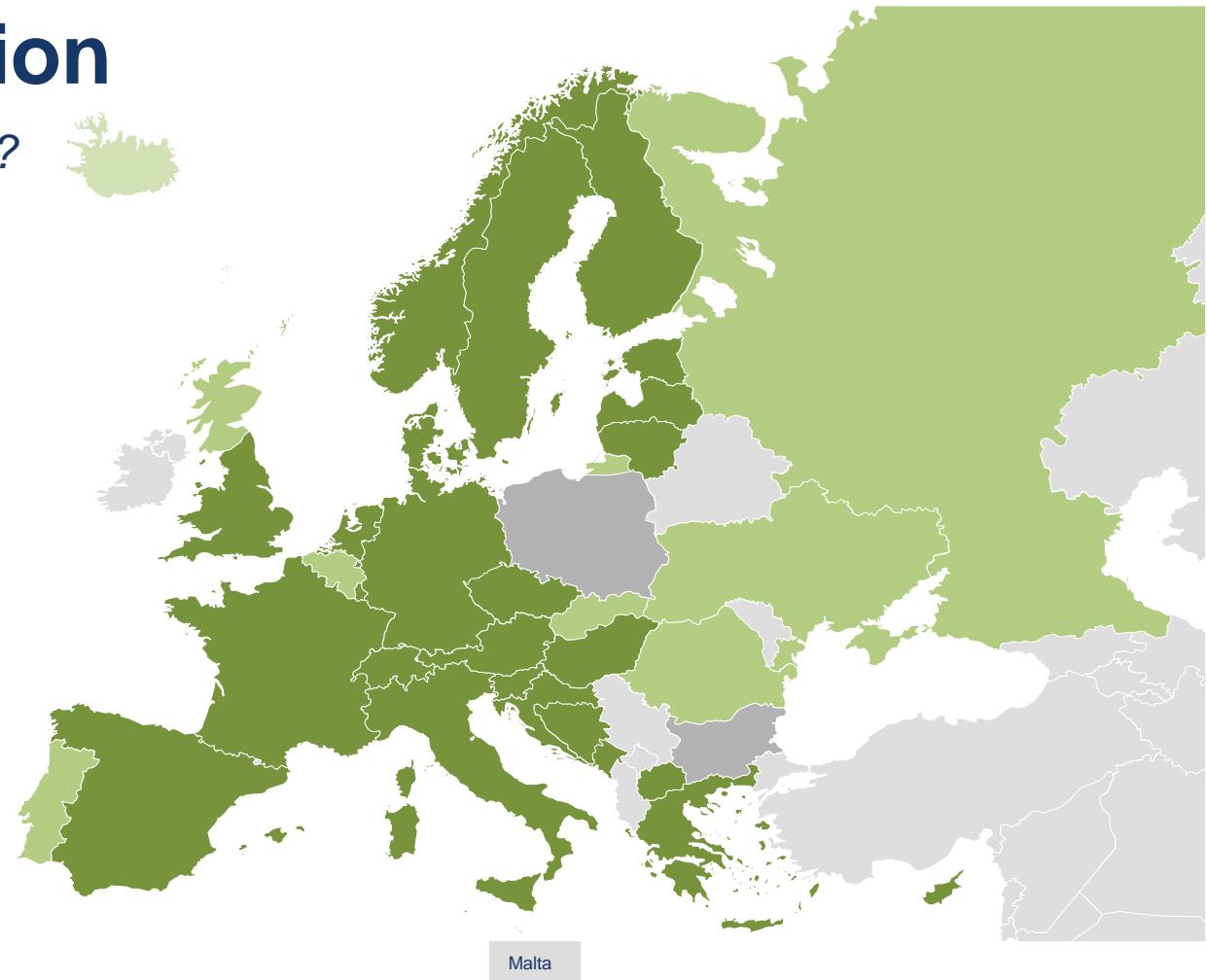


1.5a Degree of Digitalization

Degree of digitalization of data in this institution?



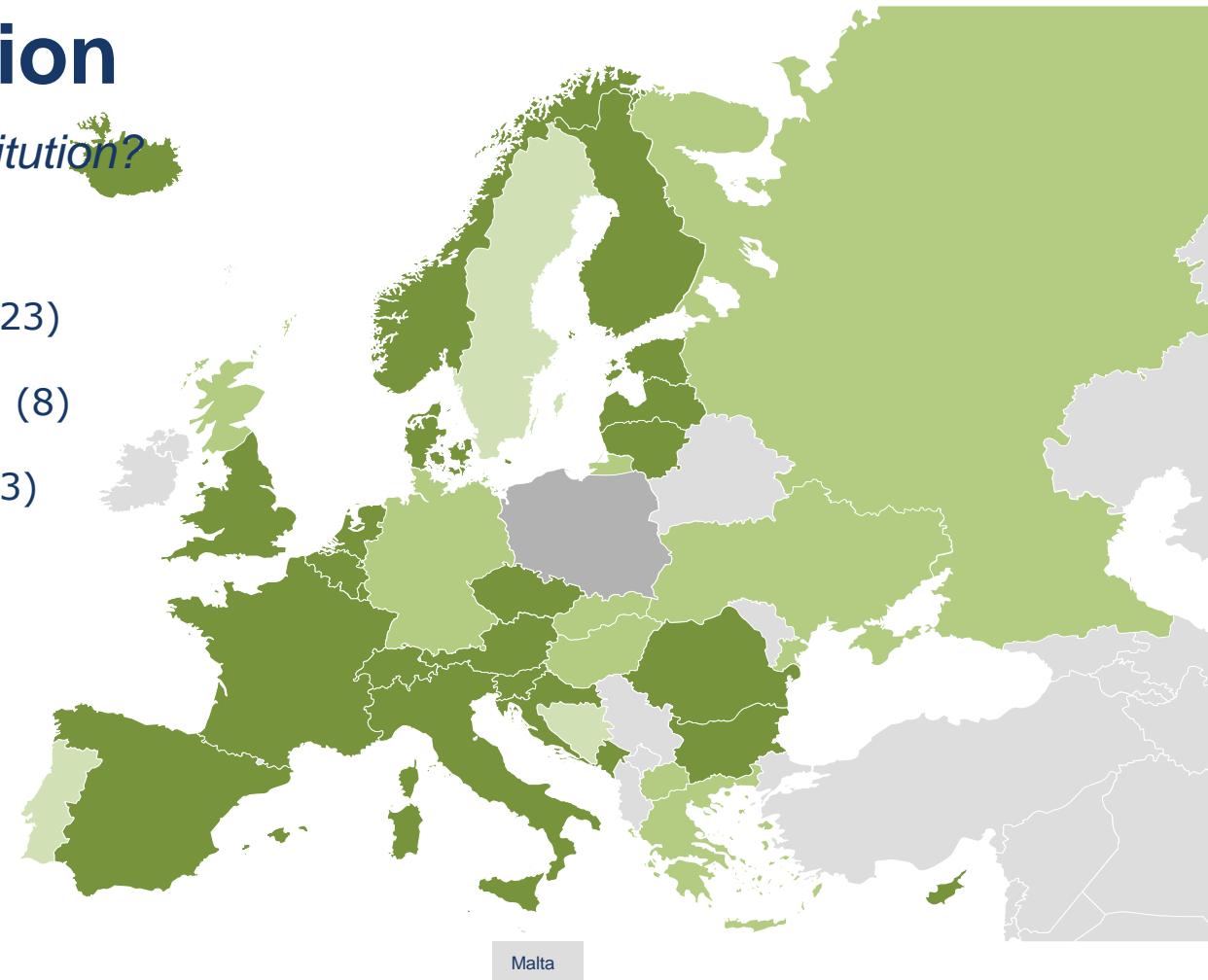
-  degree of digitalization of data >75% (25)
-  degree of digitalization of data 50-75% (7)
-  degree of digitalization of data <50% (1)
-  no answer (2)



1.5b Degree of Digitalization

Degree of digitalization of processes in this institution?

-  degree of digitalization of processes >75% (23)
-  degree of digitalization of processes 50-75% (8)
-  degree of digitalization of processes <50% (3)
-  no answer (1)



1.6 Cadastre and Land Registry Organization

Are the cadastre and land registry being operated by an integrated organization or by separate organizations?

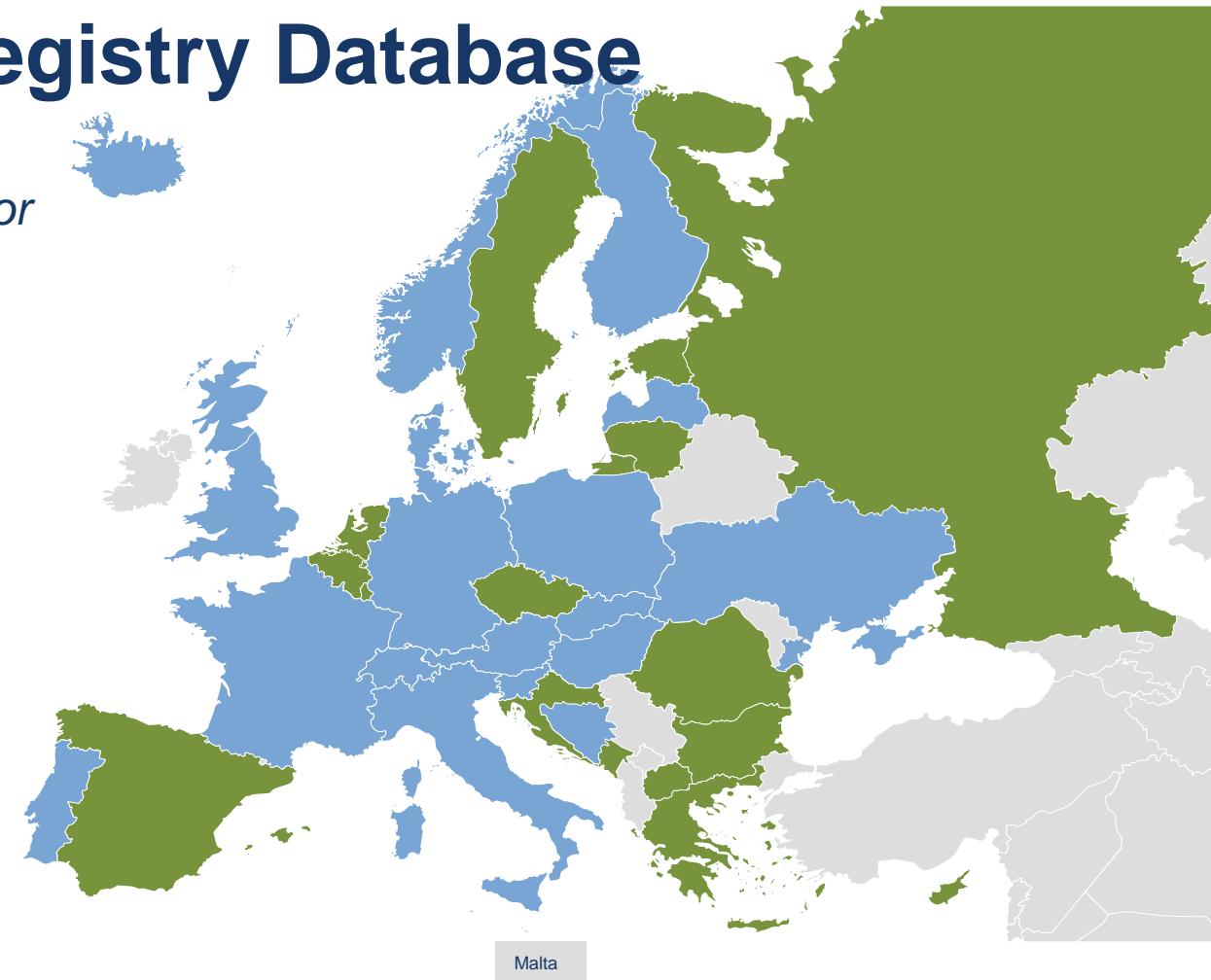
-  integrated organizations (19)
-  separate organizations (16)



1.7 Cadastre and Land Registry Database

Are the data of the cadastre and land registry integrated and processed in a single database or are they separately being handled?

-  integrated database (16)
-  separate database (19)

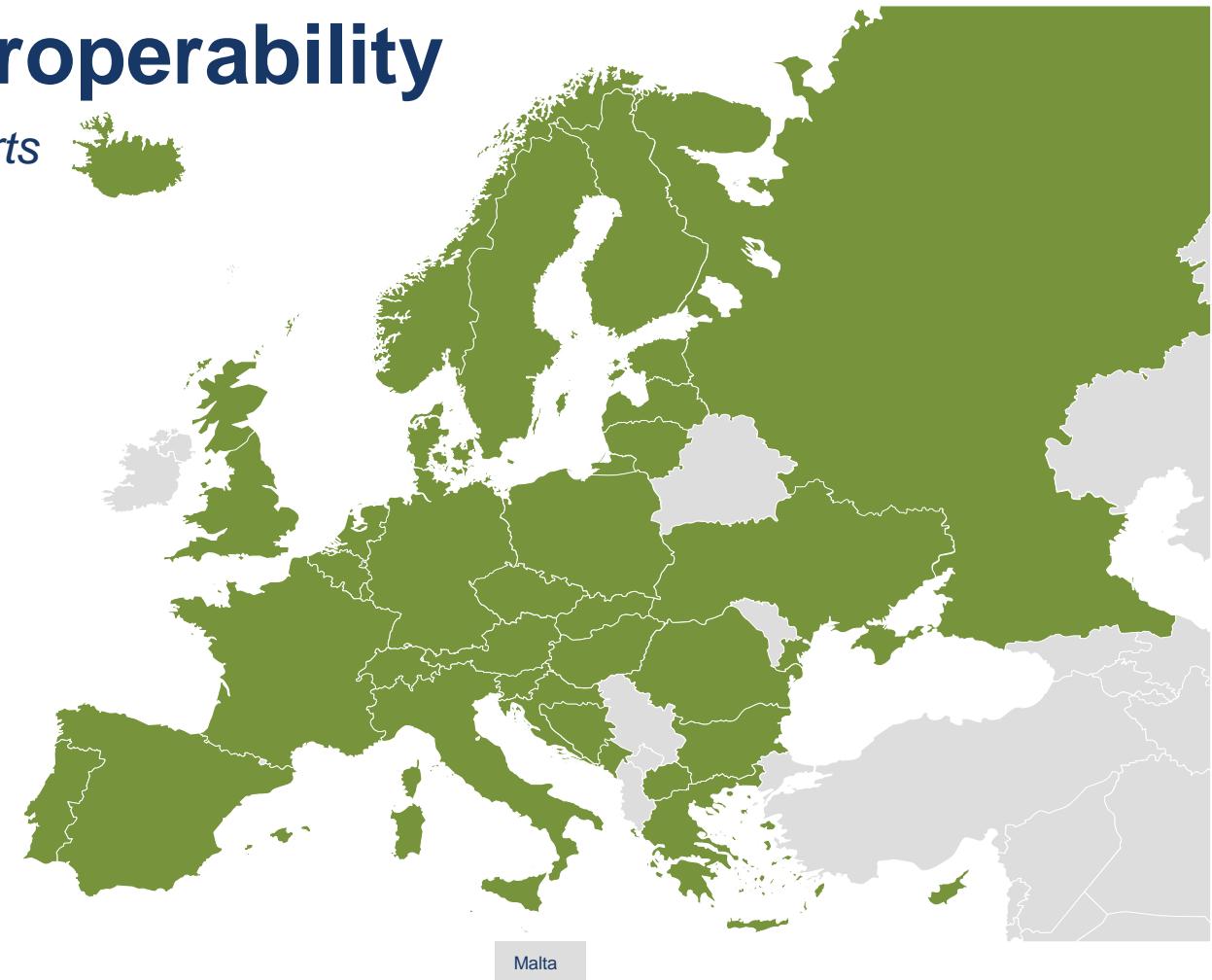


1.8a Geospatial Data Interoperability

*Interoperability of **cadastral data** with other parts of the LAS*



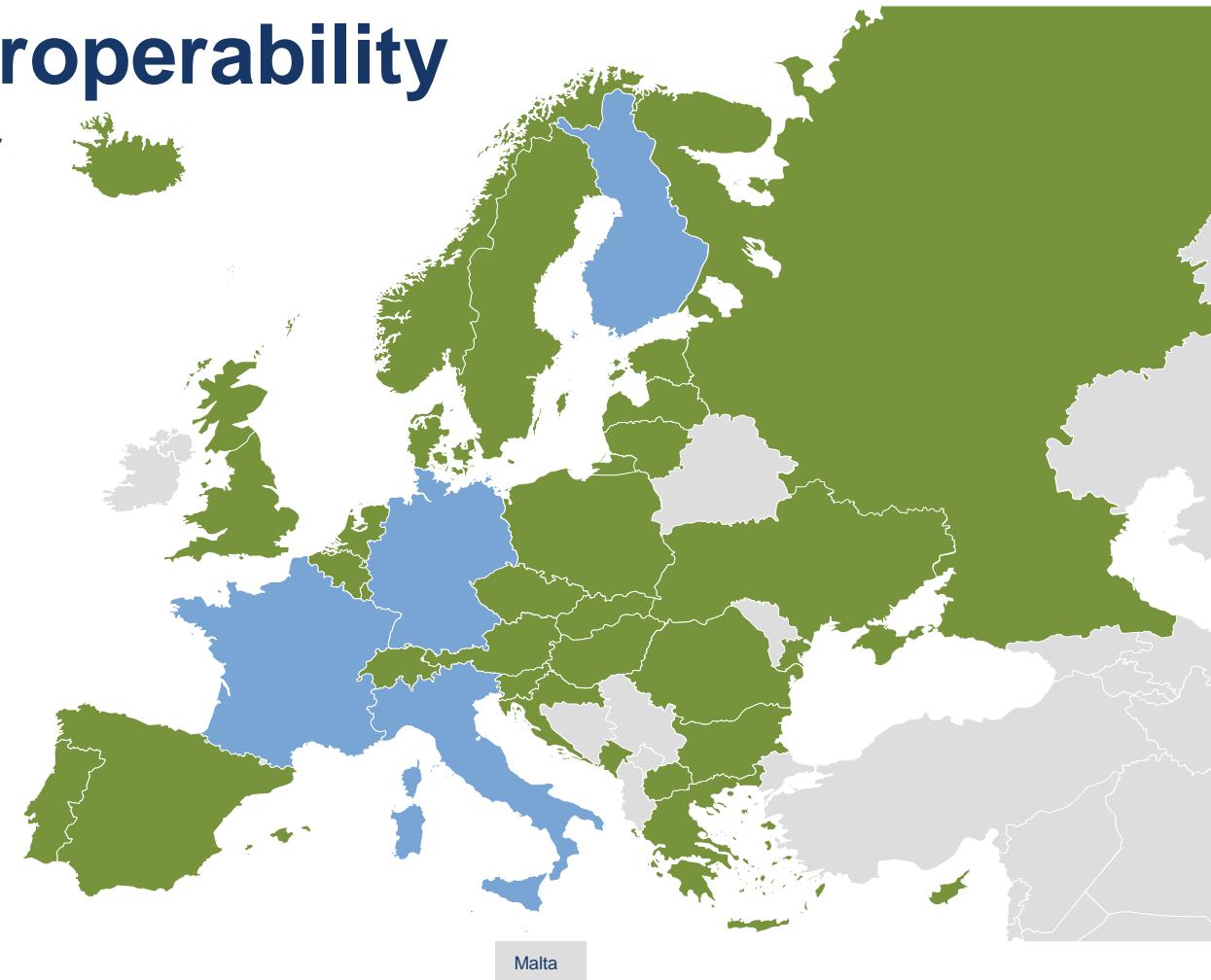
-  cadastral data are interoperable (35)
-  cadastral data are not interoperable (0)



1.8b Geospatial Data Interoperability

*Interoperability of **land registry data** with other parts of the LAS*

-  land registry data are interoperable (30)
-  land registry data are not interoperable (4)

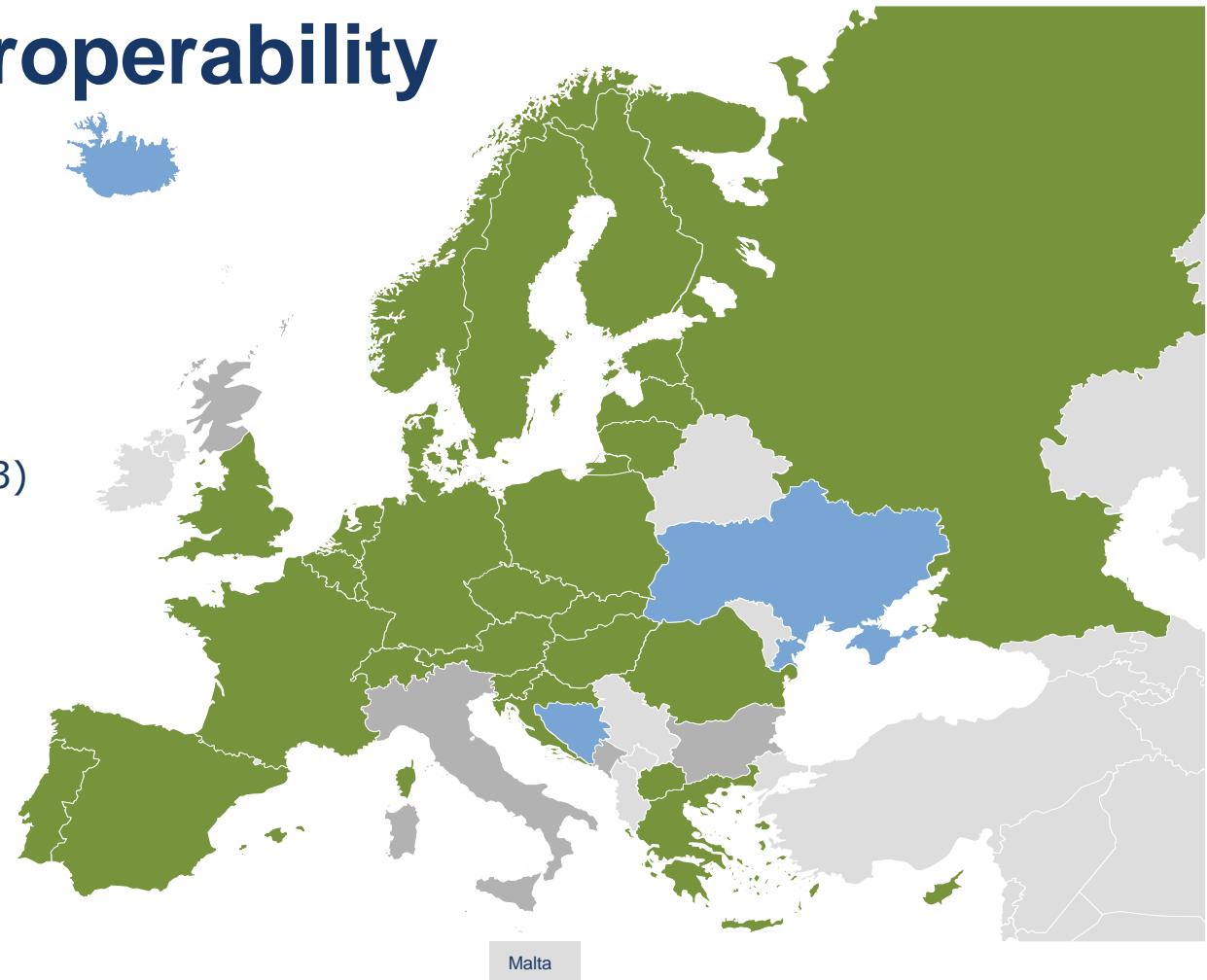


1.8c Geospatial Data Interoperability

*Interoperability of **land-use planning data** with other parts of the LAS*

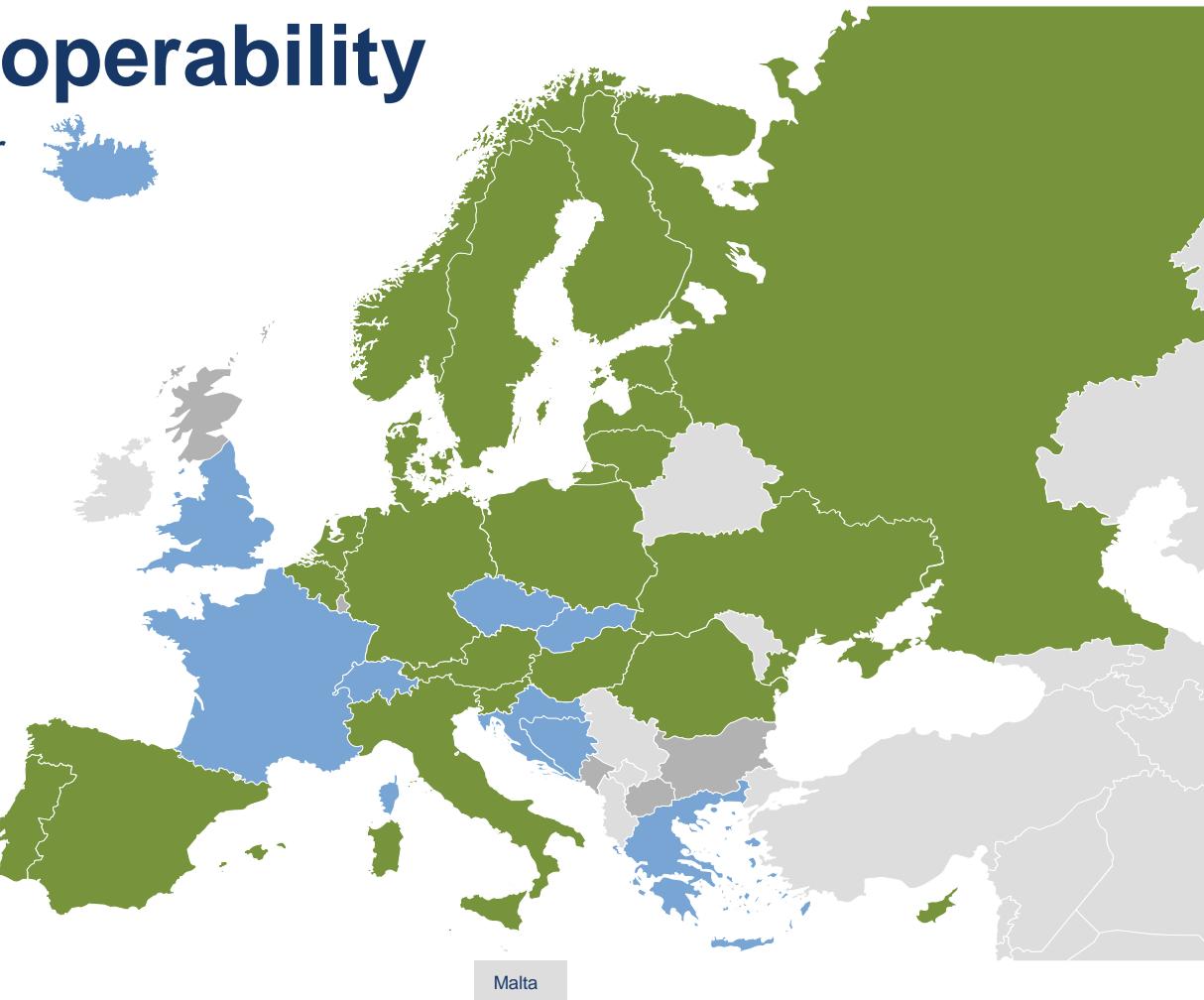


- land-use planning data are interoperable (28)
- land-use planning data are not interoperable (3)
- no answer (4)



1.8d Geospatial Data Interoperability

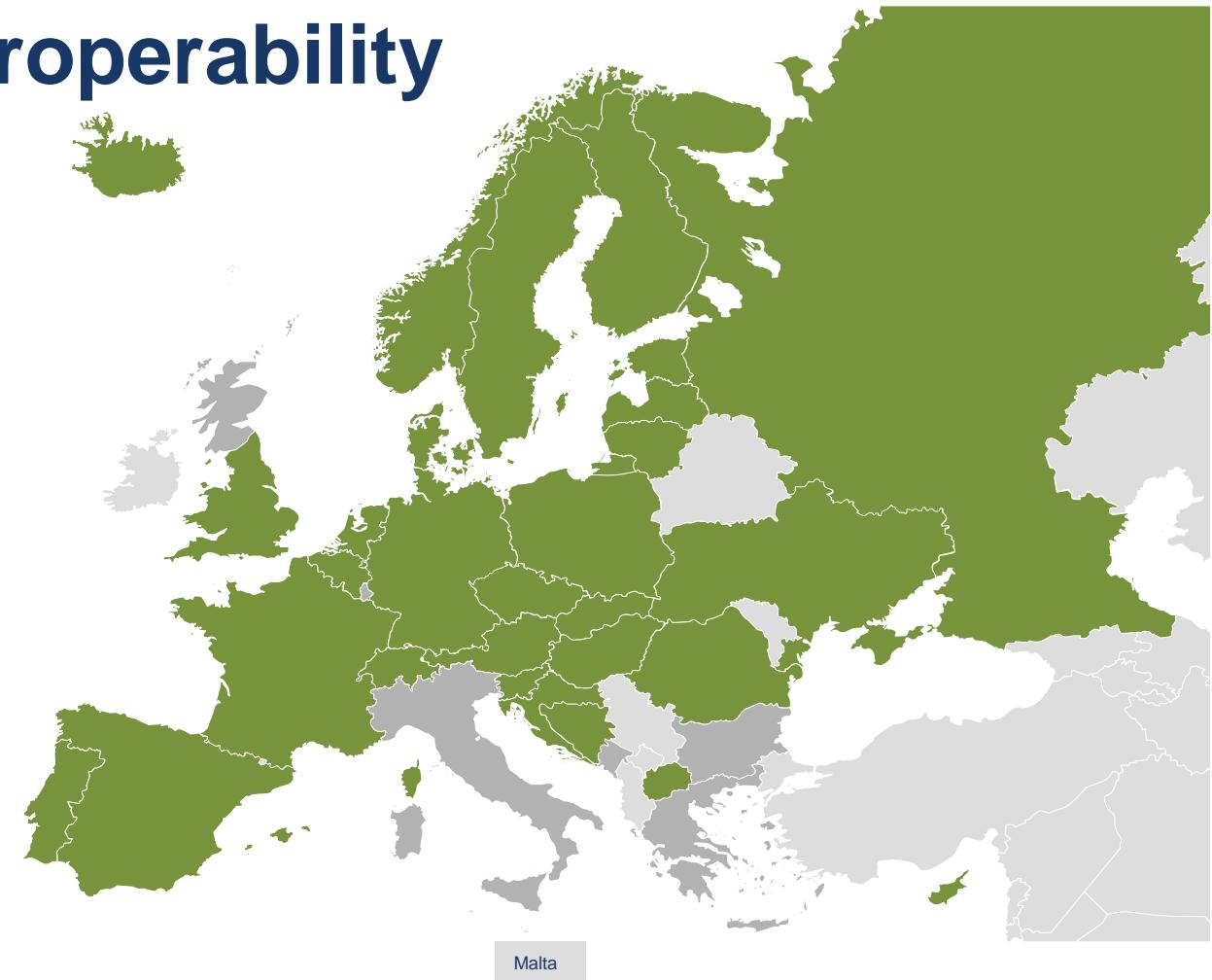
*Interoperability of **land valuation data** with other parts of the LAS*



1.8e Geospatial Data Interoperability

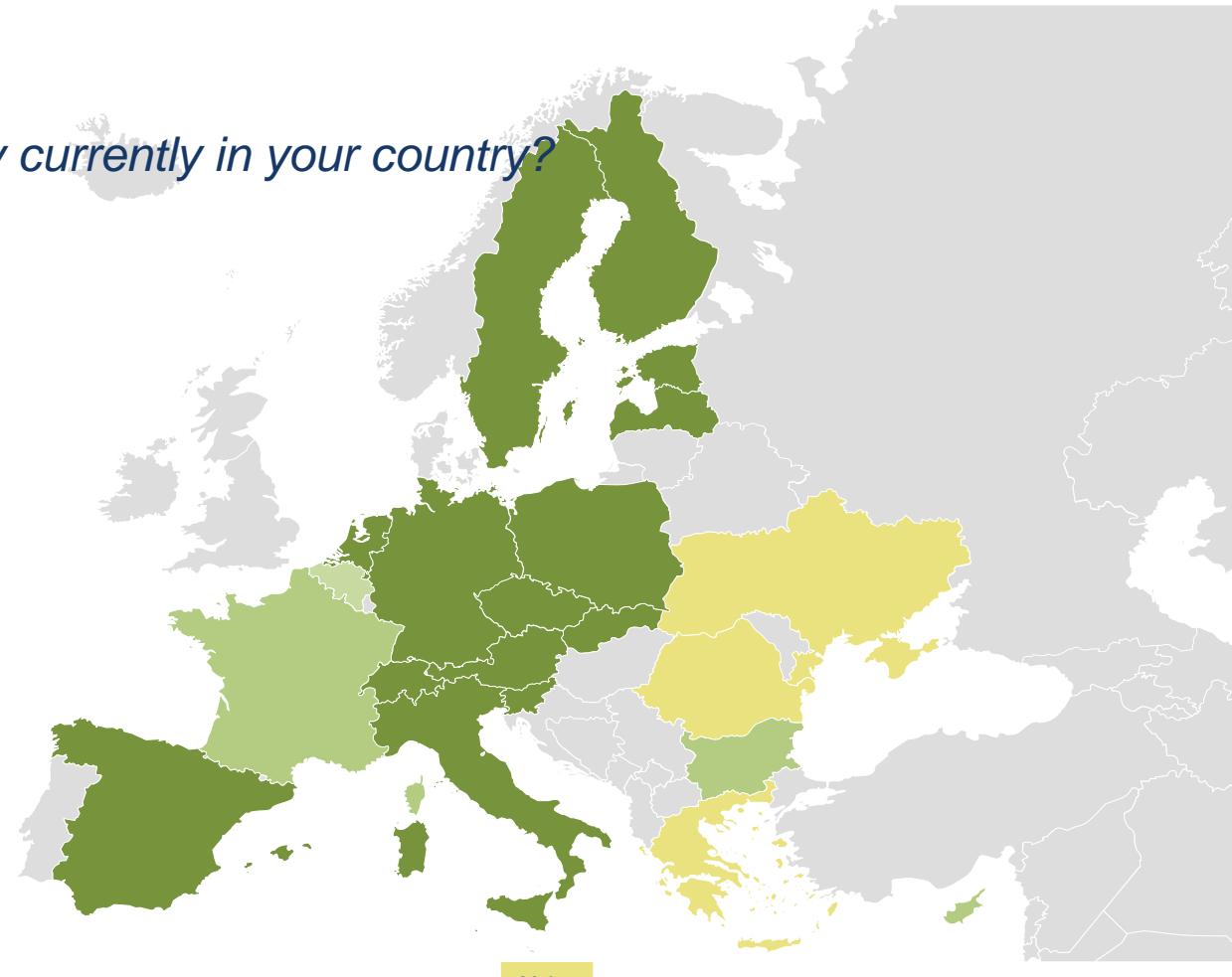
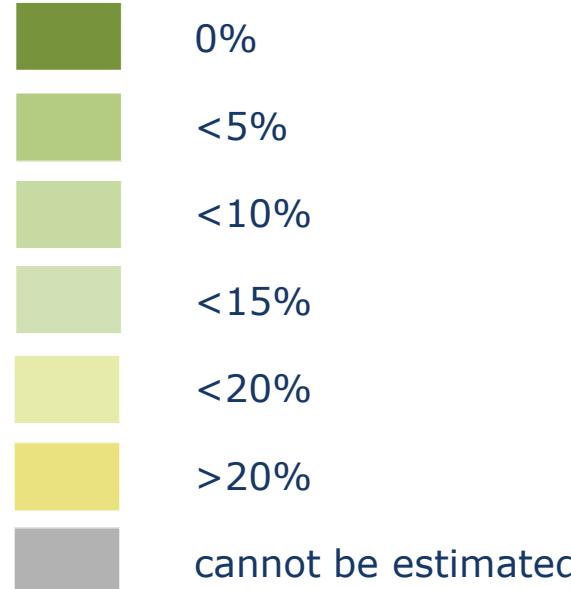
Interoperability with national geodata infrastructure

-  interoperability with NGDI (30)
-  no answer (5)



Unregistered Properties

What is the percentage of unregistered property currently in your country?



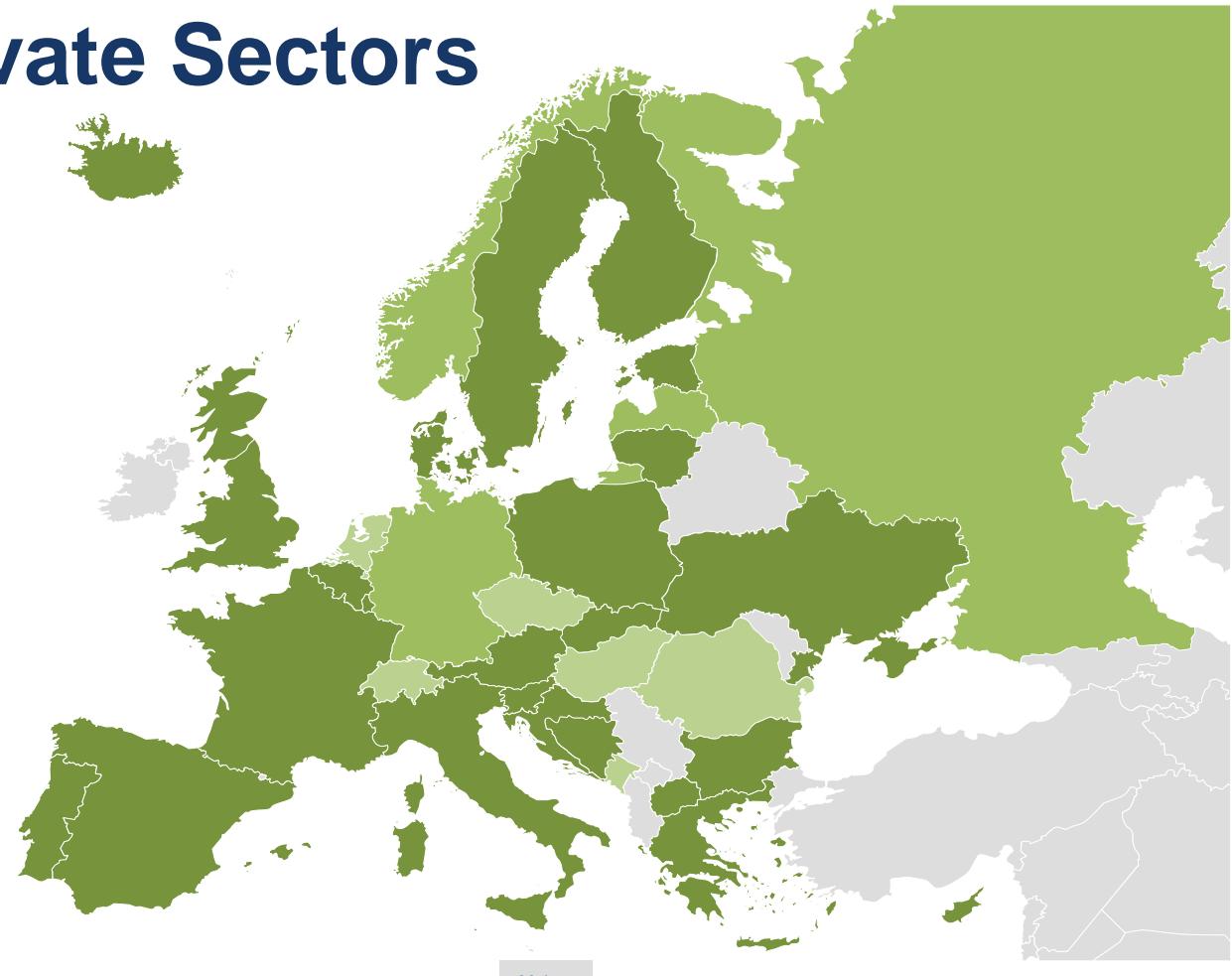
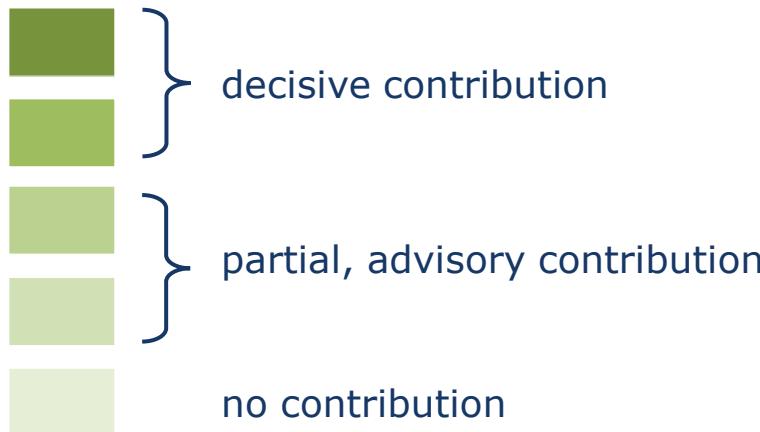
(results from "quick question" by Dimitris Rokos, 13 May 2021)

Table of Content

- Part I – Status of Land Administration Systems in Europe
- Part II – Innovations in Cadastre and Land Administration
- **Part III – Roles of Public and Private Sectors**
- Part IV – Relationship between Cadastre and Decarbonisation

3 Roles of Public and Private Sectors

3.1 Contribution of **public sector** on the national and regional level



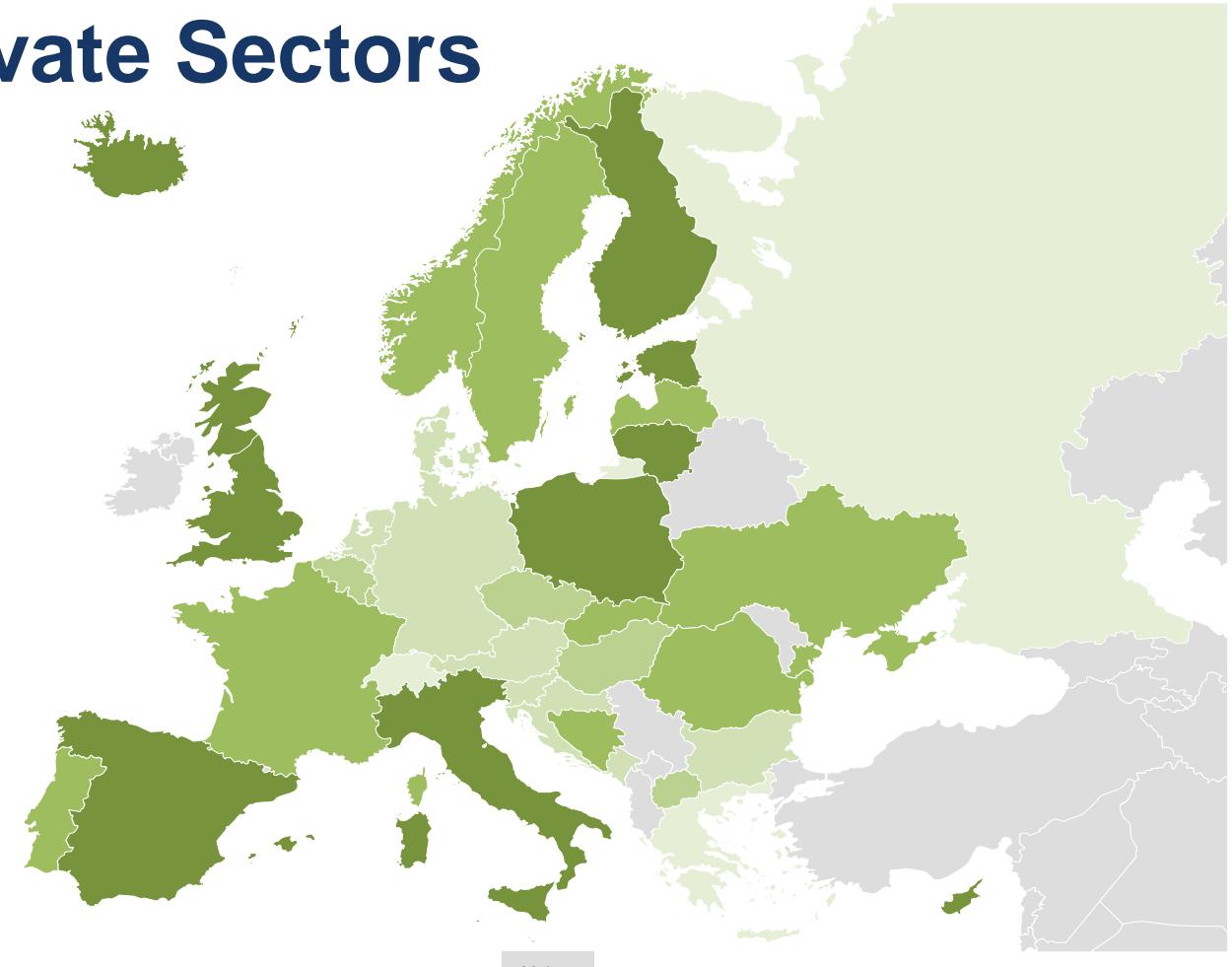
(contributions to strategic, operational, maintenance/updating, client relations activities)

3 Roles of Public and Private Sectors

3.2 Contribution of **public sector** on municipal level



(contributions to strategic, operational, maintenance/updating, client relations activities)

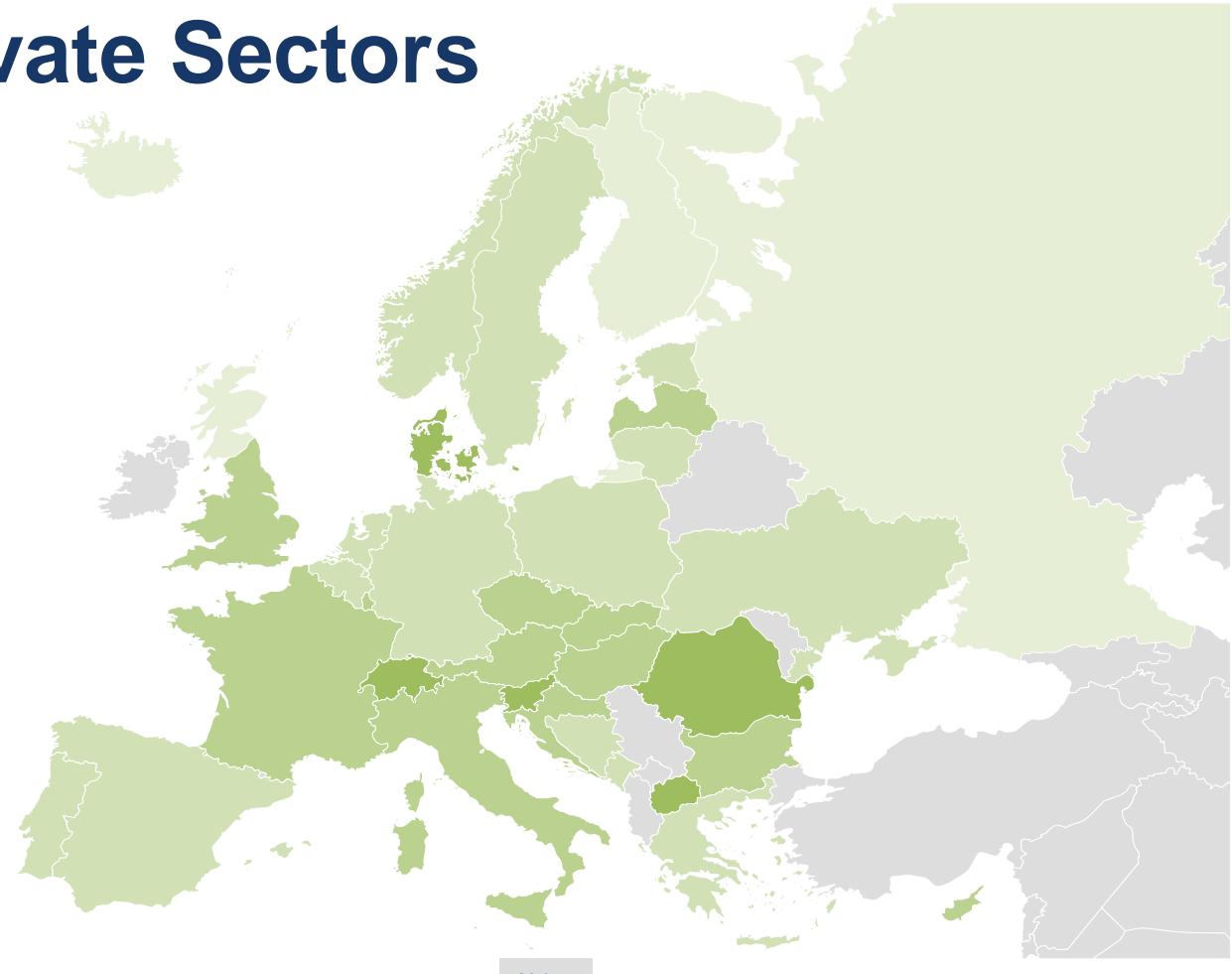


3 Roles of Public and Private Sectors

3.3 Contribution of private sector



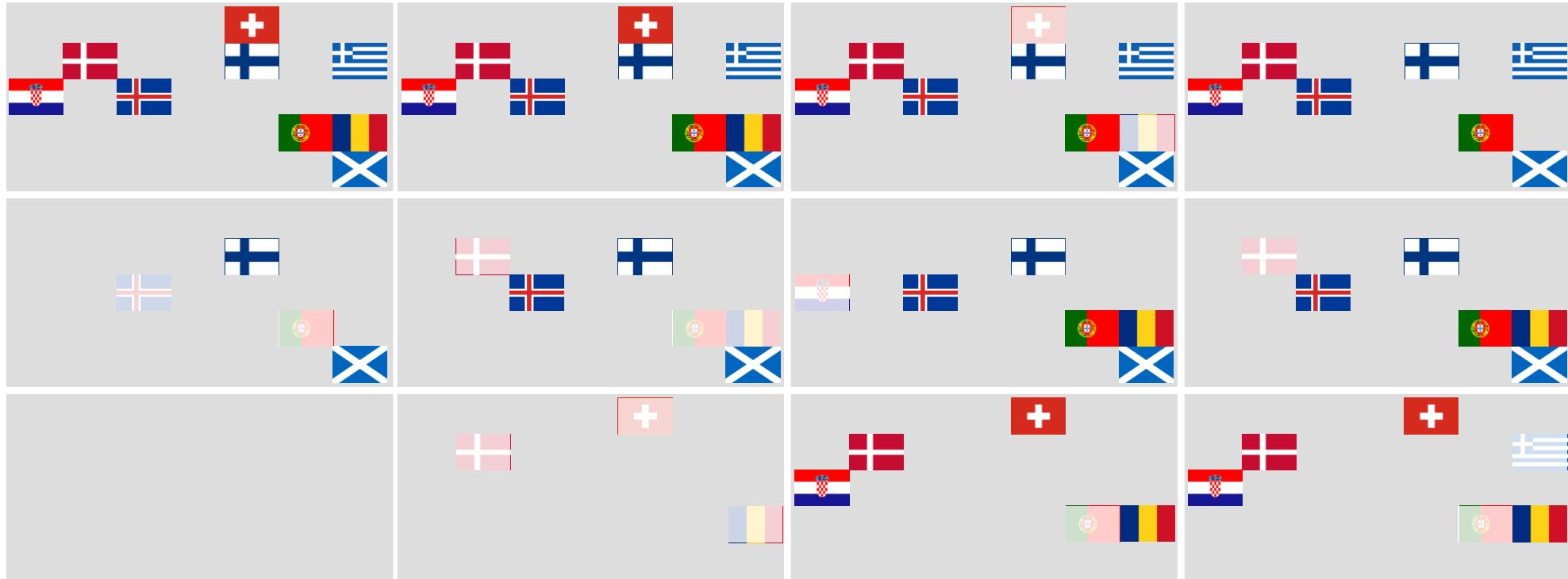
(contributions to strategic, operational, maintenance/updating, client relations activities)



3 Roles of Public and Private Sectors

 decisive contribution
 partial, advisory contribution
 no contribution

public sector –
national and
regional



strategic

operational

maintenance/updating

client relations

3 Roles of Public and Private Sectors

dark blue	decisive contribution
light grey	partial, advisory contribution
white	no contribution

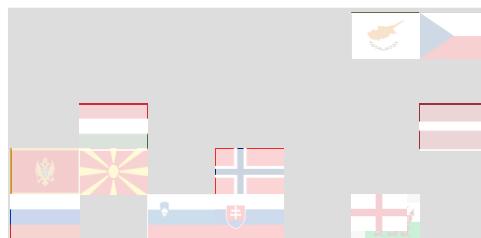
public sector –
national and
regional



public sector –
municipalities



private sector



strategic

operational

maintenance/updated

client relations

BIOGRAPHICAL NOTE

Daniel Steudler

Chair of EuroGeographics CLRKEN

Federal Office of Topography swisstopo

daniel.steudler@swisstopo.ch

Sessions 1 and 2 |
Summary of Questionnaire (Parts 1, 2, 3)

Daniel Steudler holds a PhD degree from the University of Melbourne, Australia and is a scientific associate with the Swiss Federal Office of Topography swisstopo, working for the Federal Directorate for Cadastral Surveying. He has been active in FIG-Commission 7 for many years and was chair of the FIG-Task Force on «Spatially Enabled Society». He published widely in the cadastral field and consulted internationally in land administration and cadastral issues. Since March 2015, he is chair of the EuroGeographics "Cadastral and Land Registry" Knowledge Exchange Network.

PHOTO

