

# Regional Coordination in Geospatial Information: European Cooperation

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United Nations Initiative on  
Global Geospatial Information Management

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# European Cooperation

Cooperation among:

- European member states and the European Union;
- the National Mapping and Cadastral Authorities in Europe;
- the NMCAs and Statistical Bodies;
- Research and Professional Organisations;
- the European NMCAs and UN-GGIM



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# European Union



European Environment Agency



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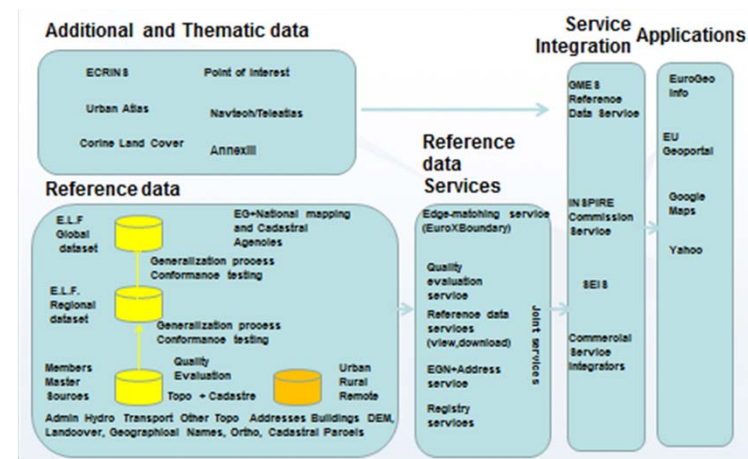
# Member states and the European Union



INSPIRE – The legal framework for building the European Spatial Data Infrastructure

- Pragmatic solution supported by the NMCAs
- Facilitates the sharing and maintenance of high quality geospatial information
- Accommodates different national business models
- Stimulates creation of national spatial data infrastructures

The European Location Framework – provides a technical infrastructure which aggregates and harmonises the data in national spatial data infrastructures and delivers a Data as a Service, solution



# Working together - spatial data infrastructure

- Legislation:
  - INSPIRE Directive
    - Metadata
    - Data specifications
    - Network services
    - Data and service sharing
    - Monitoring and reporting
- Example projects:
  - eSDI-NET+ (best practice network)
  - EURADIN (EUROpean ADdress Infrastructure)
  - GIGAS (GEOSS, INSPIRE and GMES; an Action in Support)
  - ESDIN (European Spatial Data Infrastructure Network)
  - E.L.F. (European Location Framework)
- In future ... EULF? (EU Location Framework)



# Working together – systems and services



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# Public Sector Information: access and re-use

- Legislation:
  - Directive on Access to Environmental Information
  - Directive on Re-use of Public Sector Information
- Information and debate:
  - ePSIplatform.eu
- Projects:
  - LAPSI – legal aspects of public sector information



# National Mapping & Cadastral Authorities

In Europe there is:

- Bilateral cooperation between NMCAs in adjoining countries (i.e. Benelux)
- Cooperation among groups of countries (i.e. Nordic countries)
- Among all the NMCAs within the Association founded by them – EuroGeographics



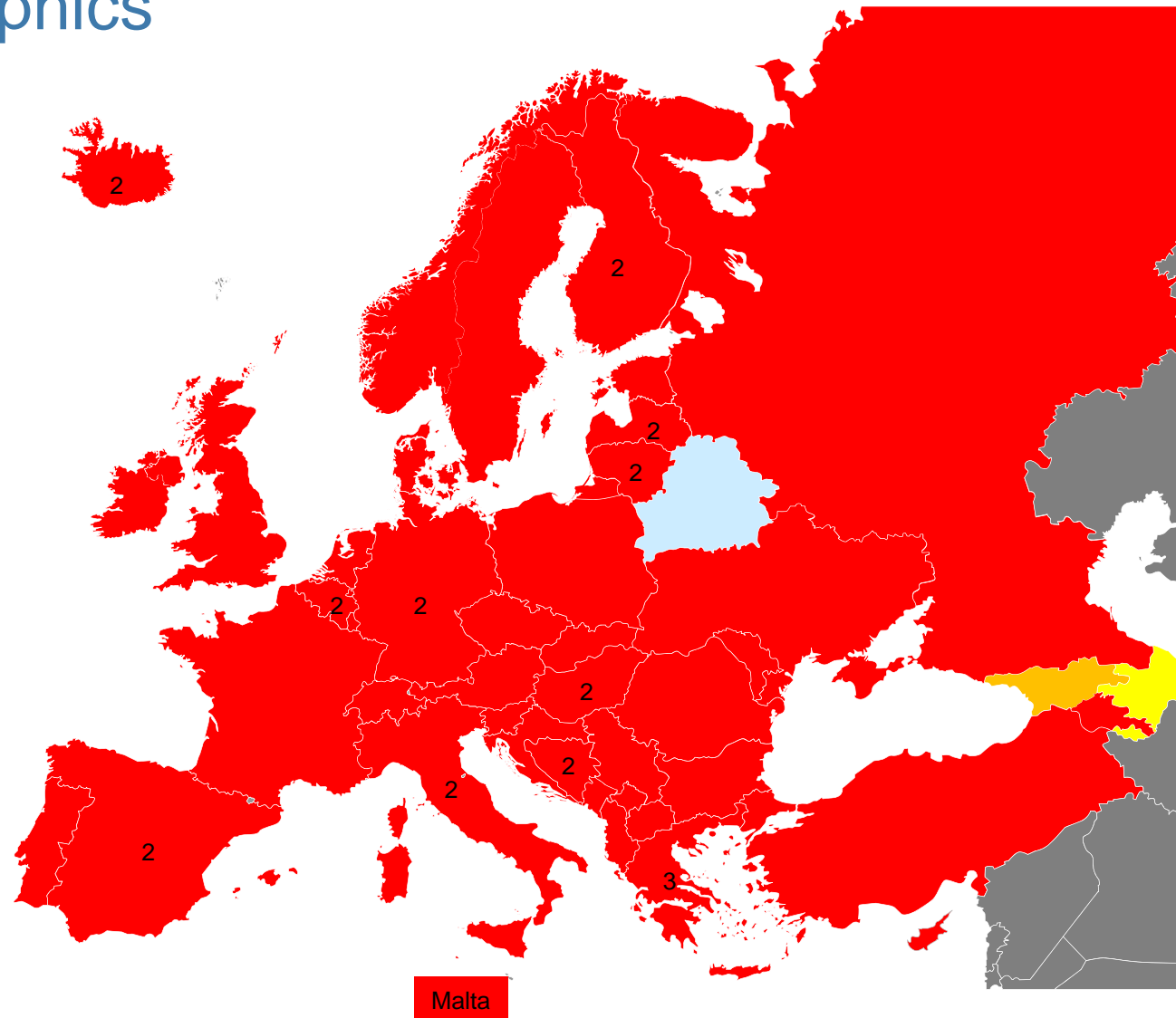
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# EuroGeographics



56 members  
45 countries



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# EuroGeographics



- Represents its NMCA members towards European and International bodies;
- Plays an active role in the development of European legislation which affects its members e.g. the reuse of Public Sector Information directive;
- Facilitates an active network of members sharing knowledge and experiences;
- Aggregates NMCA's nation data to create maintain and deliver pan-European reference datasets;
- Coordinates interoperability projects to help members develop the technical and business capabilities



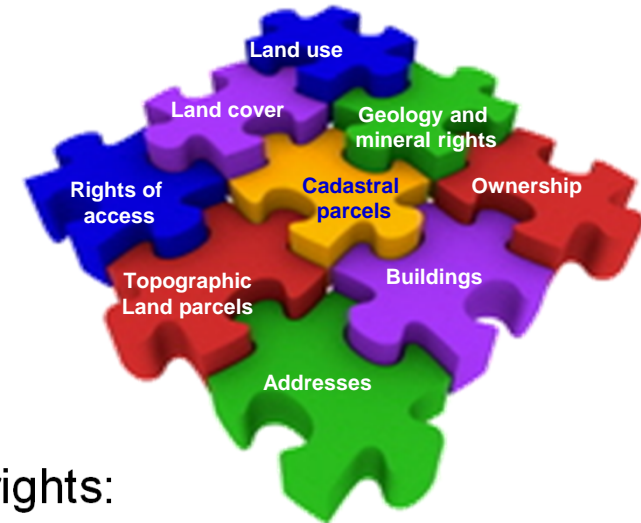
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# Working together in the cadastral sector

- Progress under the joint auspices of:
  - The Permanent Committee on Cadastre in the EU;
  - The Cadastral and Land Registry Knowledge Exchange Network of EuroGeographics.
- Seeking to bring together all of the European interest groups concerned with Land & Property rights:
  - PCC; EuroGeographics; ELRA; EULIS ( European Land Information Service); WPLA (Working Party on Land Administration) ...
- Aiming to create a more unified and focused voice to communicate important messages about the importance of Cadastral and Land Registration information in planning, decision making and solutions delivery within the EU and wider European contexts.



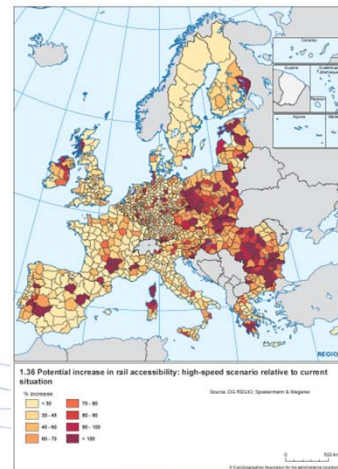
# NMCAs and Statistical Bodies

- Use of NMCA data by national statistical bodies is widespread.

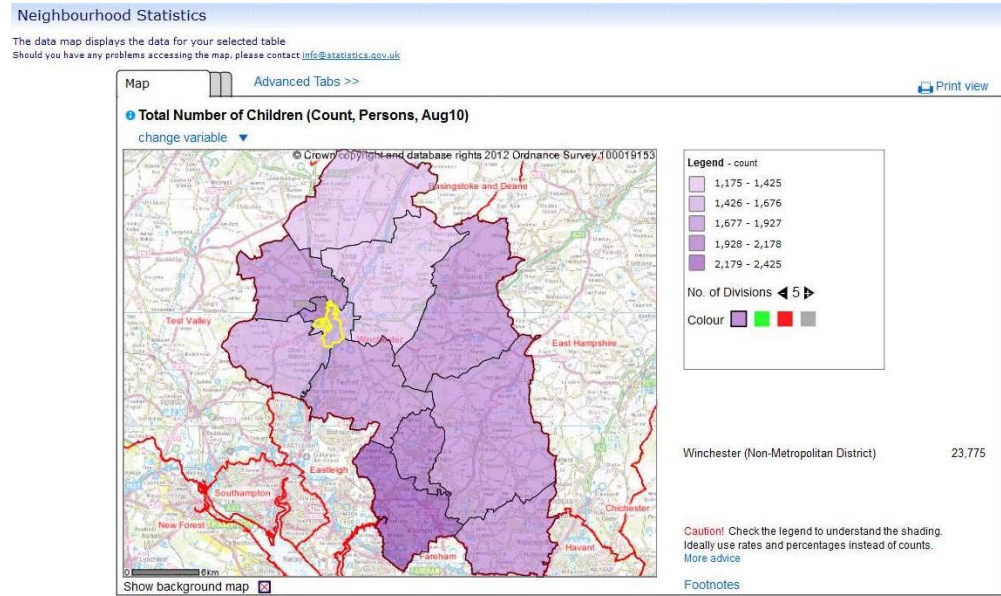
## Geospatial information for EU policy

### Spatial analysis for cohesion policy

- Accessibility to rail services
- Analysis of effects of policy actions



eurostat 10



- Use of NMCA data in pan-European datasets by the European Union's statistical body, Eurostat is advanced.



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# NMCAs and Statistical Bodies (GISCO)

An annual GISCO meeting brings member states statistical bodies and NMCAs together

The screenshot shows the Eurostat website's GISCO section. The header includes the European Commission logo and the Eurostat tagline 'Your key to European statistics'. The main navigation bar has tabs for Home, Statistics, Publications, About Eurostat, and User support. The left sidebar lists categories like Geodata, Publications, and Maps and posters. The main content area is titled 'Geographic Information System of the European Commission (GISCO)' and features a section on 'Geographic Information System (GIS)' with descriptive text and three maps of Europe. Below this is a section for 'GISCO (the Geographical Information System at the Commission)' with more text and a small map. At the bottom of the main content is a section for 'Statistical Atlas'. The right sidebar contains a 'News' section with several 'new!' announcements and a 'See also' section with links to REGIO, LUCAS, and NUTS.



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# Working together – collaboration and research



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# European NMCAs and UN-GGIM

- European Member States have committed to invest in UN-GGIM Europe
- In 2012/13: 4 meetings are held in preparation of a permanent structure
- EuroStat DG and UN-GGIM Co-Chair chair the meetings
- Members of the Preparatory Meeting:
  - European Union Directorates;
  - European Commission services (EEA, JRC, EuroStat, ...)
  - EuroGeographics (on behalf of NMCA's)
  - EuroStat (on behalf of NSI'a and as coordinator of GI inside EC)
  - UN-GGIM Co-Chair (secretariat).



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