EUROPEAN LOCATION FRAMEWORK (E.L.F.):

BRINGING HARMONIZED GEOSPATIAL REFERENCE DATA TOGETHER

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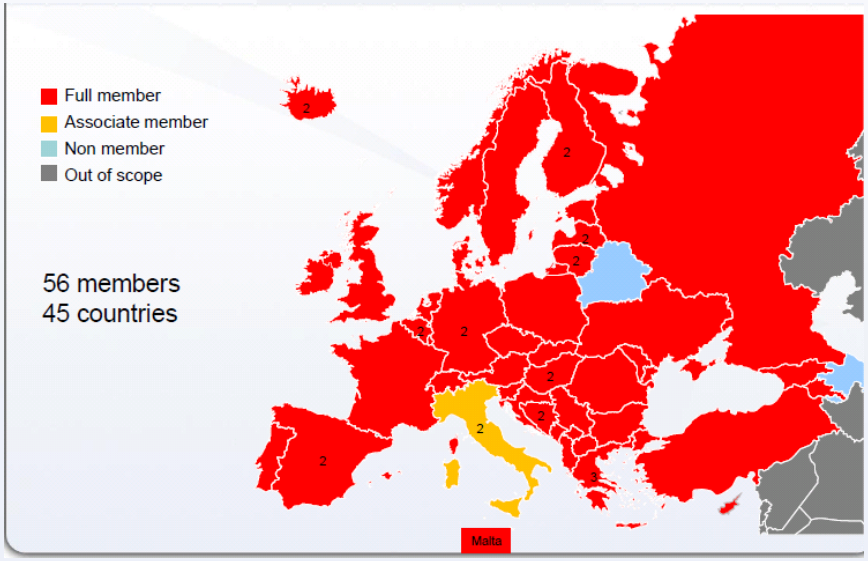
What is EuroGeographics?

- A not-for profit international association under Belgium law (AISBL)
- 56 national mapping, land registry and cadastral agencies in 45 European Countries
- Working to bring interoperable European geospatial reference data for the benefit of society
- A distributed head-office of 10 people
- Experience in making interoperable datasets for 20 years



Why we need the European Location Framework

Today

-Access to NSDI data is mostly national

-Only global players provide easy access to geographic data

-NSDI data is not used for the European policy decision making

-use of INSPIRE data services is ?

-common tools not co-ordinated (Quality, Generalization, Edge-matching, Change management, Visualization)

After

- Access possible for National, European and Global use (E.L.F platform)
- SME applications easy to connect
- NSDI data is used for European policy decision making
- INSPIRE services utilized
- Common tools (in the cloud)

The European Location Framework is a technical infrastructure which delivers authoritative, interoperable, cross-border geospatial reference data for analysing and understanding information connected to places and features

Picture: Virginie Luppens

EU Location Framework will provide the political/policy context to the E.L.F

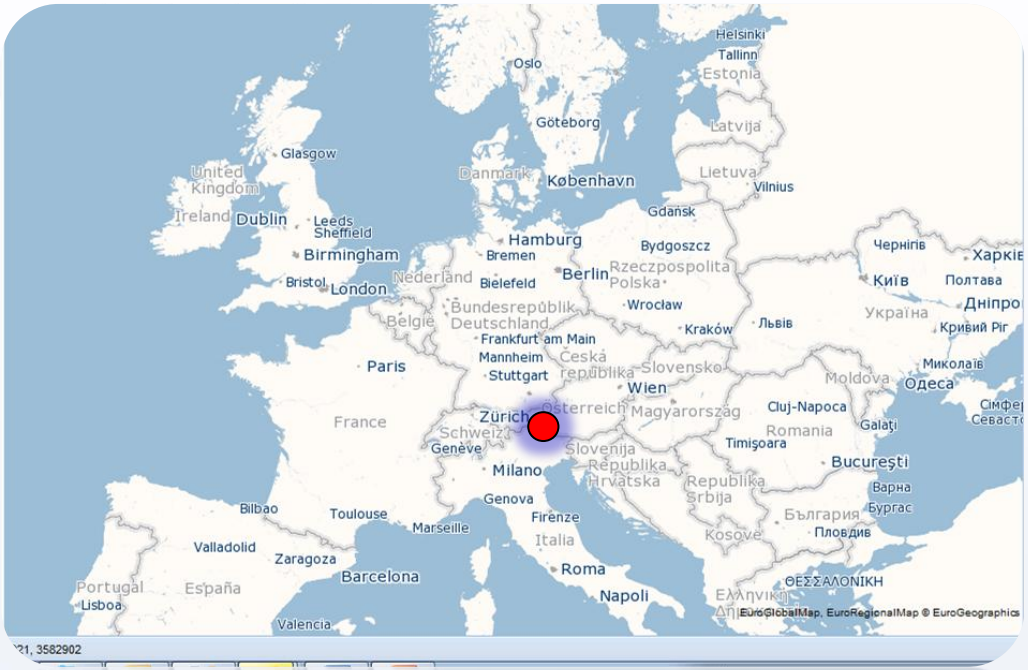
BASED ON BEST PRACTICES OF NATIONAL MAPPING AND CADASTRAL AGENCIES, INDUSTRY AND ACADEMIA

Source: EuroGeographics

- Policy drivers
  - eGovernment (Programme on interoperability solutions for European public administrations, ISA)
  - Digital Agenda
  - INSPIRE
  - GMES,SEIS
  - PSI
  - International (UNGGIM, GEOSS)

It is for EUROPE – JOINING NATIONAL GEOINFORMATION TOGETHER

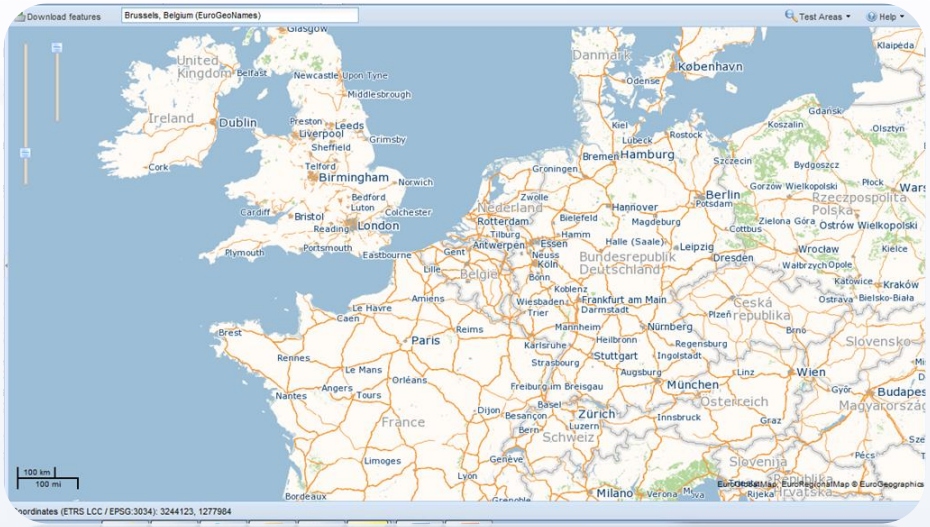
IT IS LOCATION – WHERE THINGS ARE?



Locating and geocoding through coordinates, geographical names and addresses (Geolocator)

Unique Indetifying of the geographical objects, Linked Data

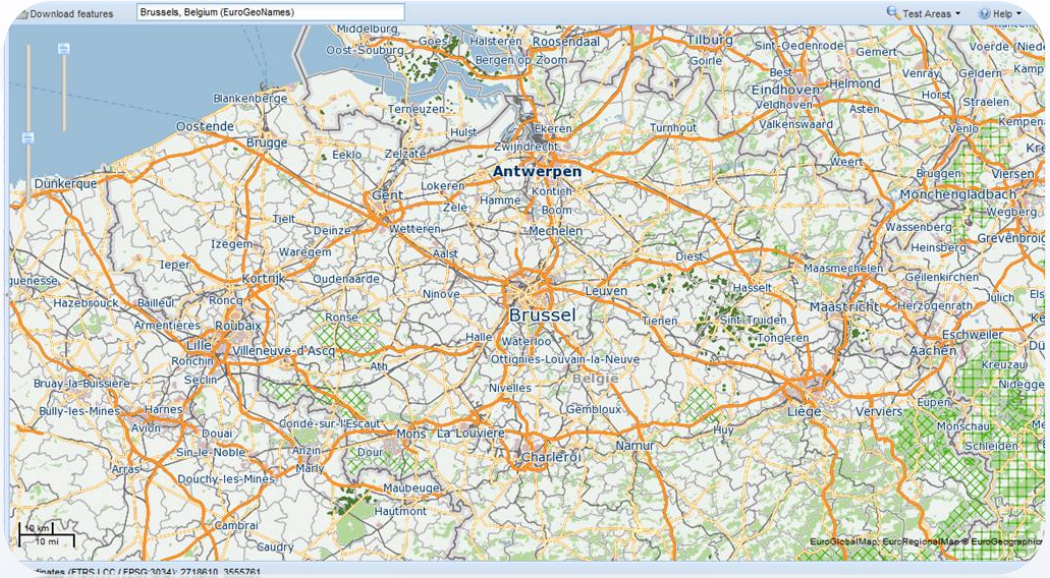
FROM GLOBAL TO REGIONAL – CONSISTENT INFORMATION AT ALL LEVELS



Management of Generalization, UIDs, Quality, Change and Visualization

GGIM | United Nations Initiative on Global Geospatial Information Management

FROM REGIONAL… - DECISION MAKING AT EUROPEAN LEVEL



Connection to the thematic sources, UIDs, Change Management

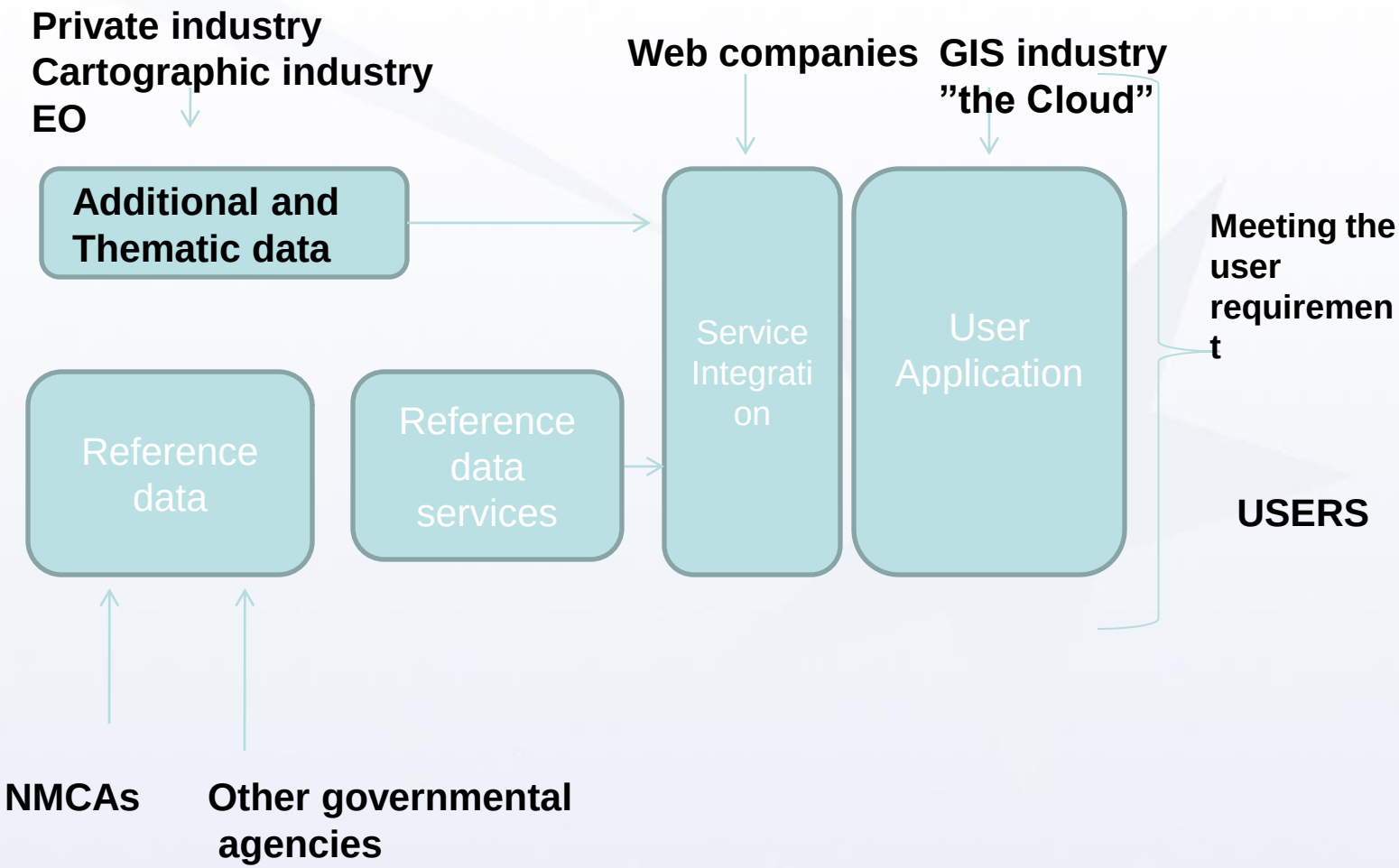
Digital Agenda for Europe

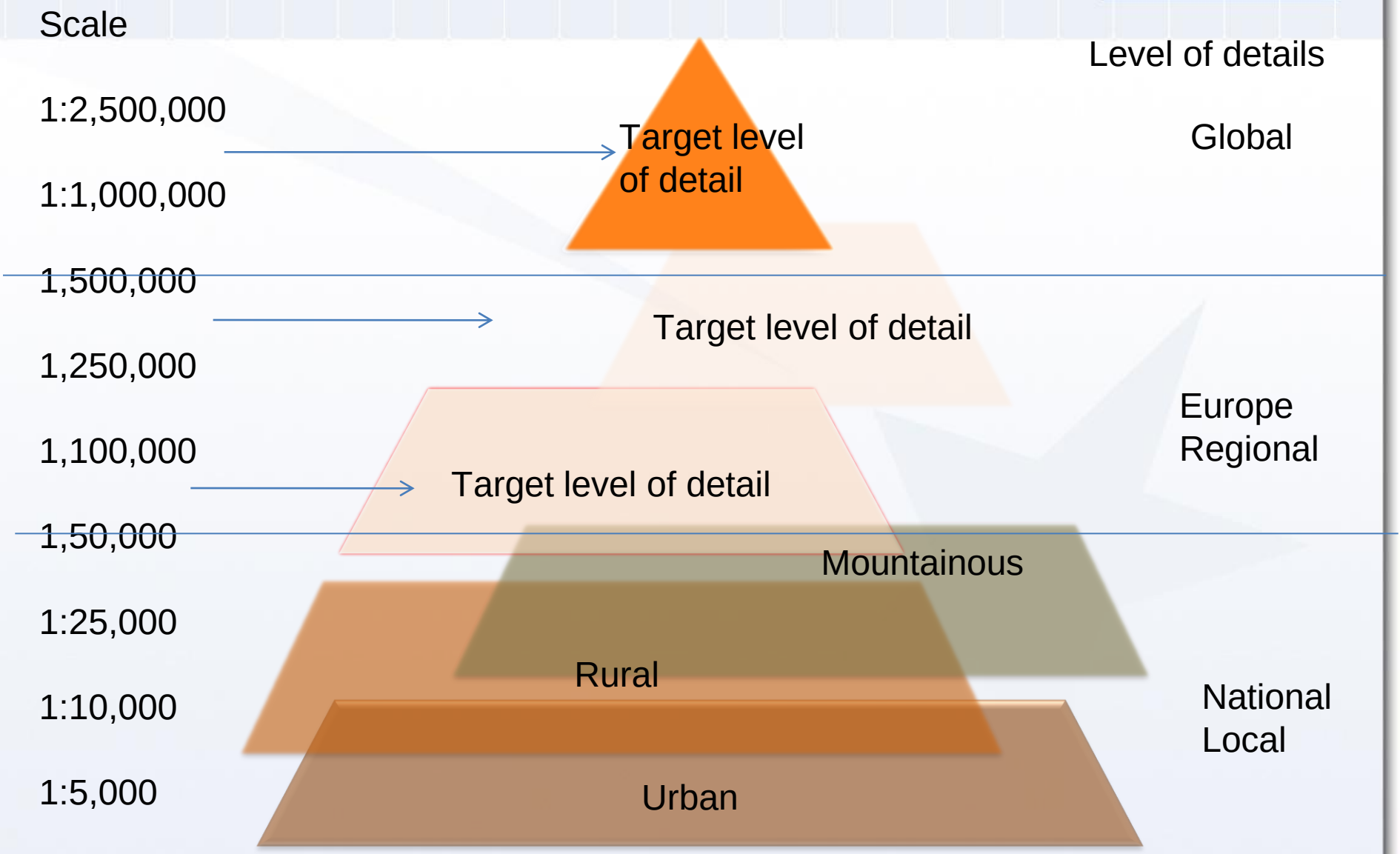
TO NATIONAL…
- AUTHORATIVE SOURCES

Source: IGN Belgium

Change management, Specifications, NSDIs

Reference data and services are part of the solution!





Resolution and Level of Details

Content and Services

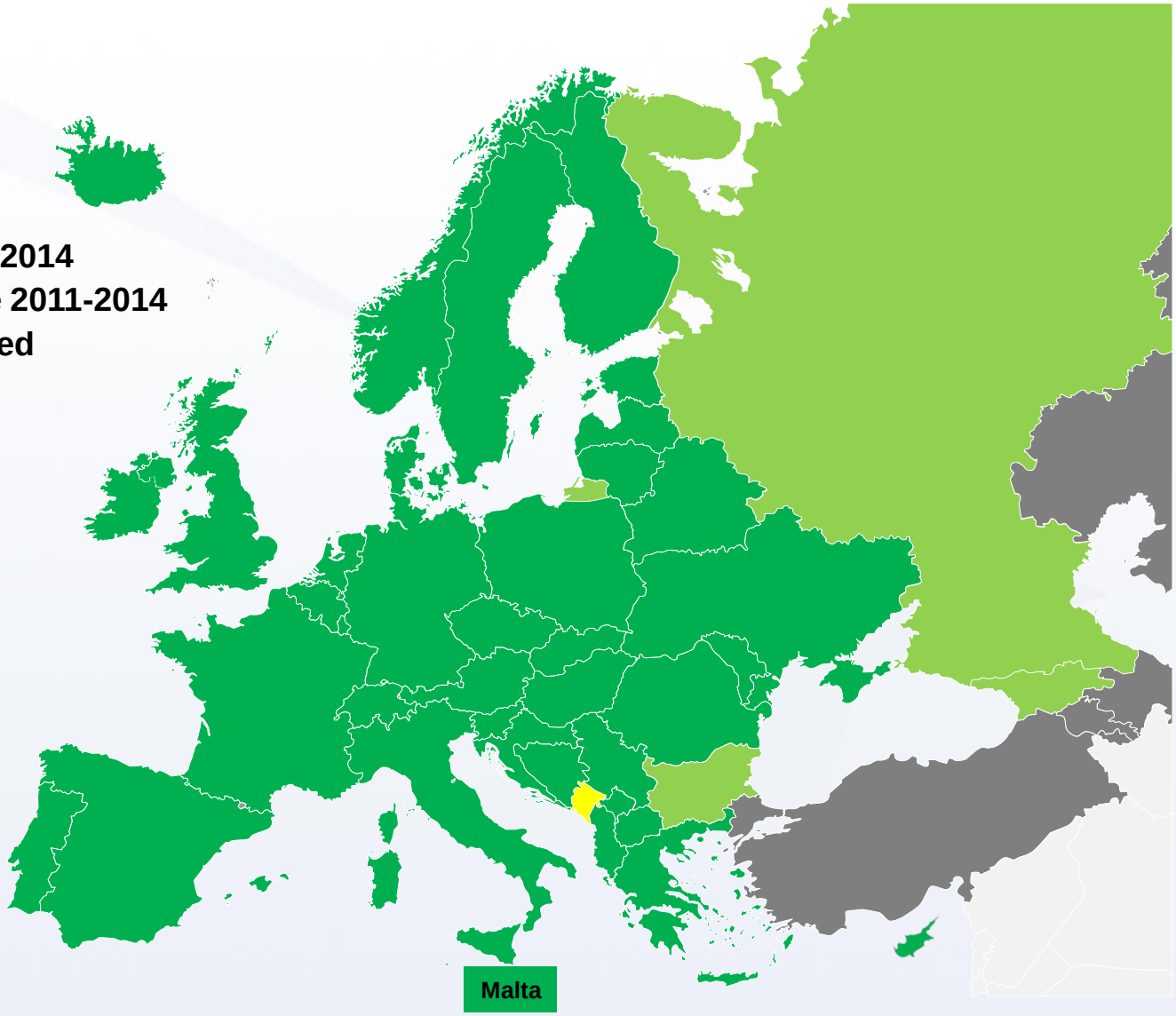
- E.L.F Global and Regional (EuroRegionalMap, EuroGlobalMap)
- E.L.F Admin Regional (EuroBoundaryMap) and National
- E.L.F international boundaries for edge-matching
- E.L.F Raster Basemap Service (Regional to National)
- E.LF Cadastral (Regional and National)
- E.L.F Geolocator (names, address and admin)
- E.L.F Hydro, Transport, Buildings

CONTENT

The planned E.L.F. coverage at **Europe Regional** and **Global** level

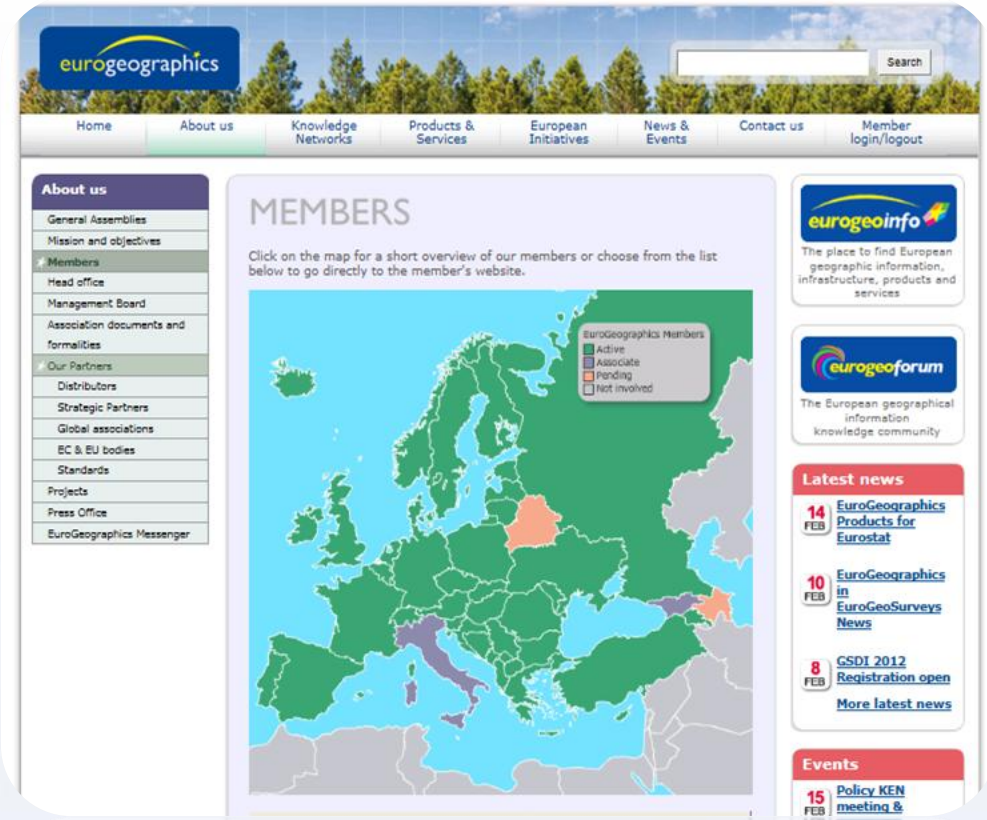
- Not available
- Available 2011-2014
- Admin available 2011-2014
- Admin, EGM available 2011-2014
- Availability to be agreed

Note:
Administrative theme covers the whole territory of France (including overseas areas), Denmark (including Greenland and Faroe Islands)



IT IS A FRAMEWORK THAT MAKES EUROPE UNITED BY GEOINFORMATION

EDGE-MATCHED AT NATIONAL BOUNDARY, QUALITY CHECKED, IDENTIFIABLE, MULTI-LEVEL GEOSPATIAL REFERENCE INFORMATION DISCOVER- LICENSE- AUTHENTICATION- ACCESS



IT IS PROVIDED BY NATIONAL MAPPING AND CADASTRAL AGENCIES OF EUROPE THROUGH EUROGEOGRAPHICS AND SUPPORTED BY INDUSTRY

WANT TO HELP US MAKE IT HAPPEN? JOIN THE E.L.F COMMUNITY

Together we are stronger