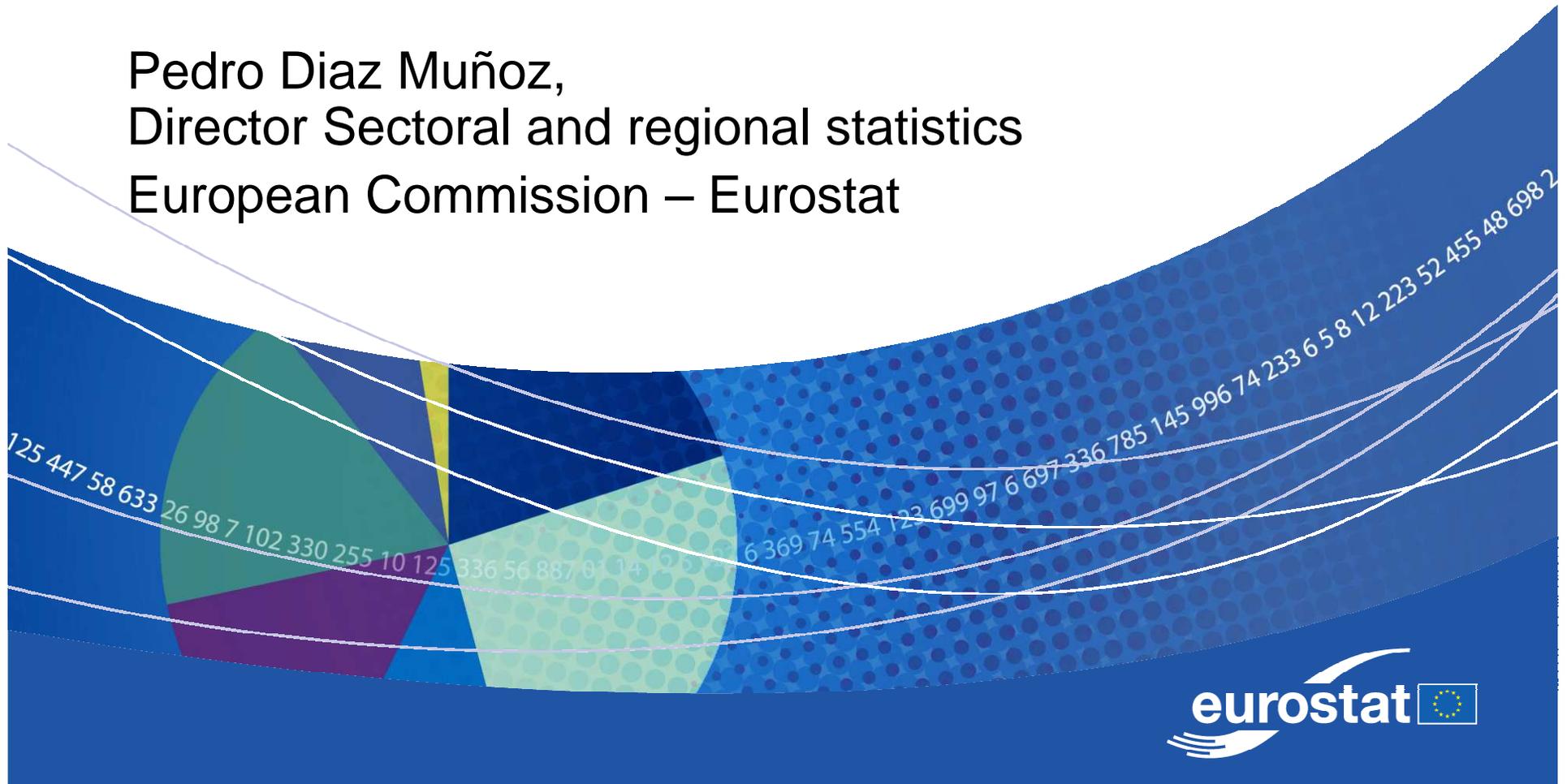


Displaying Integrated or Combined Geospatial and Statistical Data

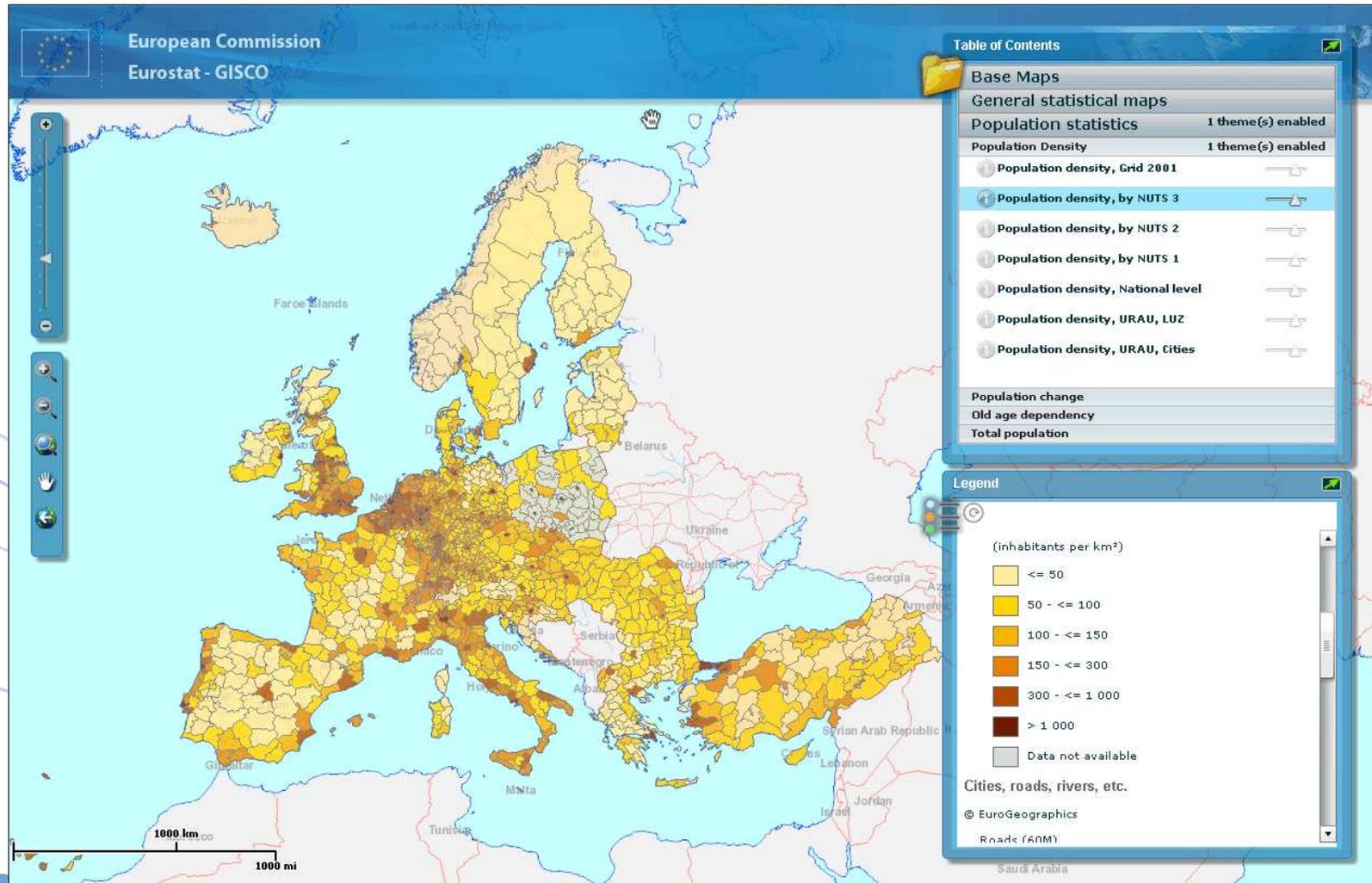
Pedro Diaz Muñoz,
Director Sectoral and regional statistics
European Commission – Eurostat



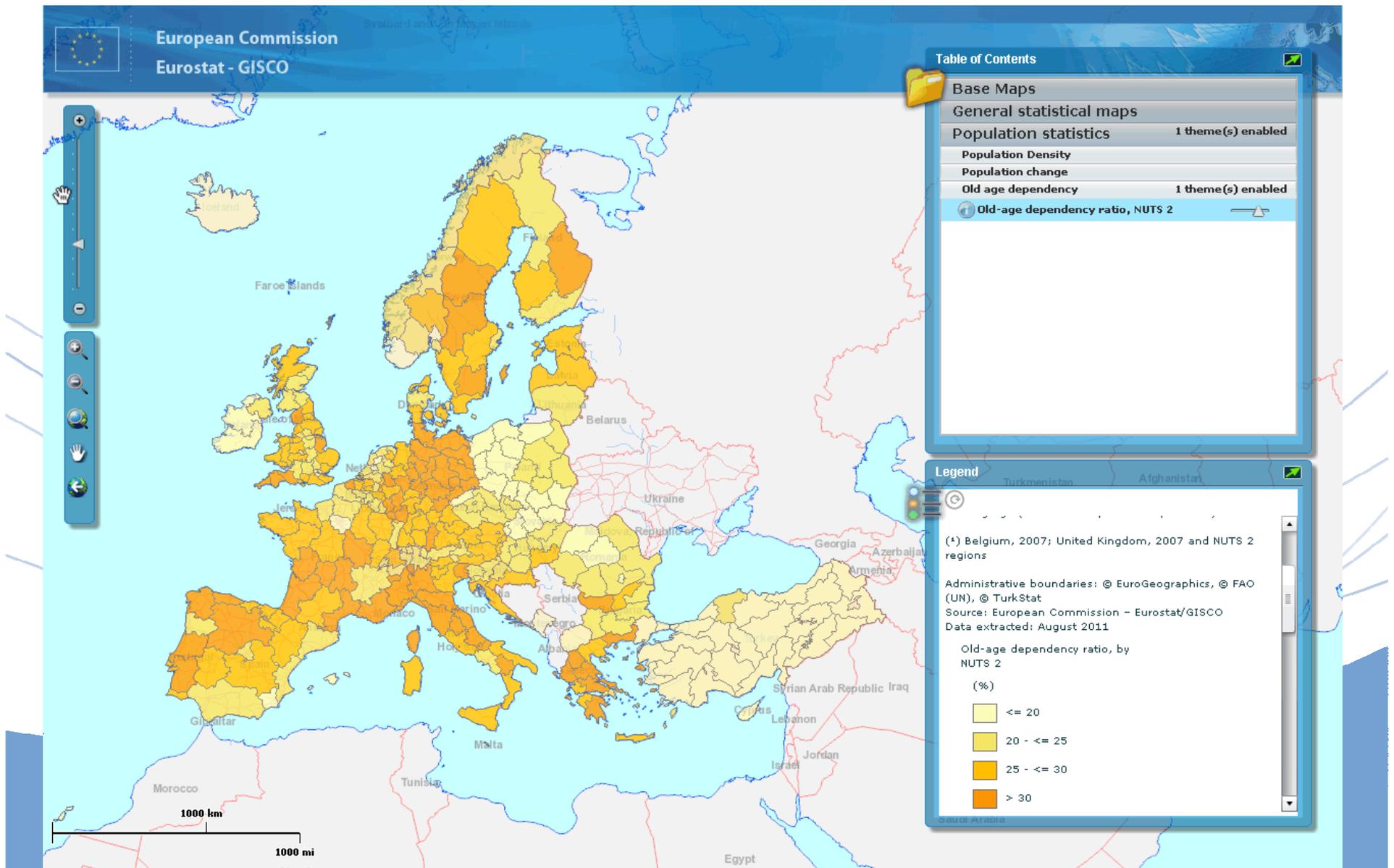
Some approaches for visualisation

- Display statistical data on administrative areas
- Present micro-data as points in a map
- Superpose statistical and geospatial layers
- Display statistical data on non administrative areas
- Define areas based on statistical micro-data

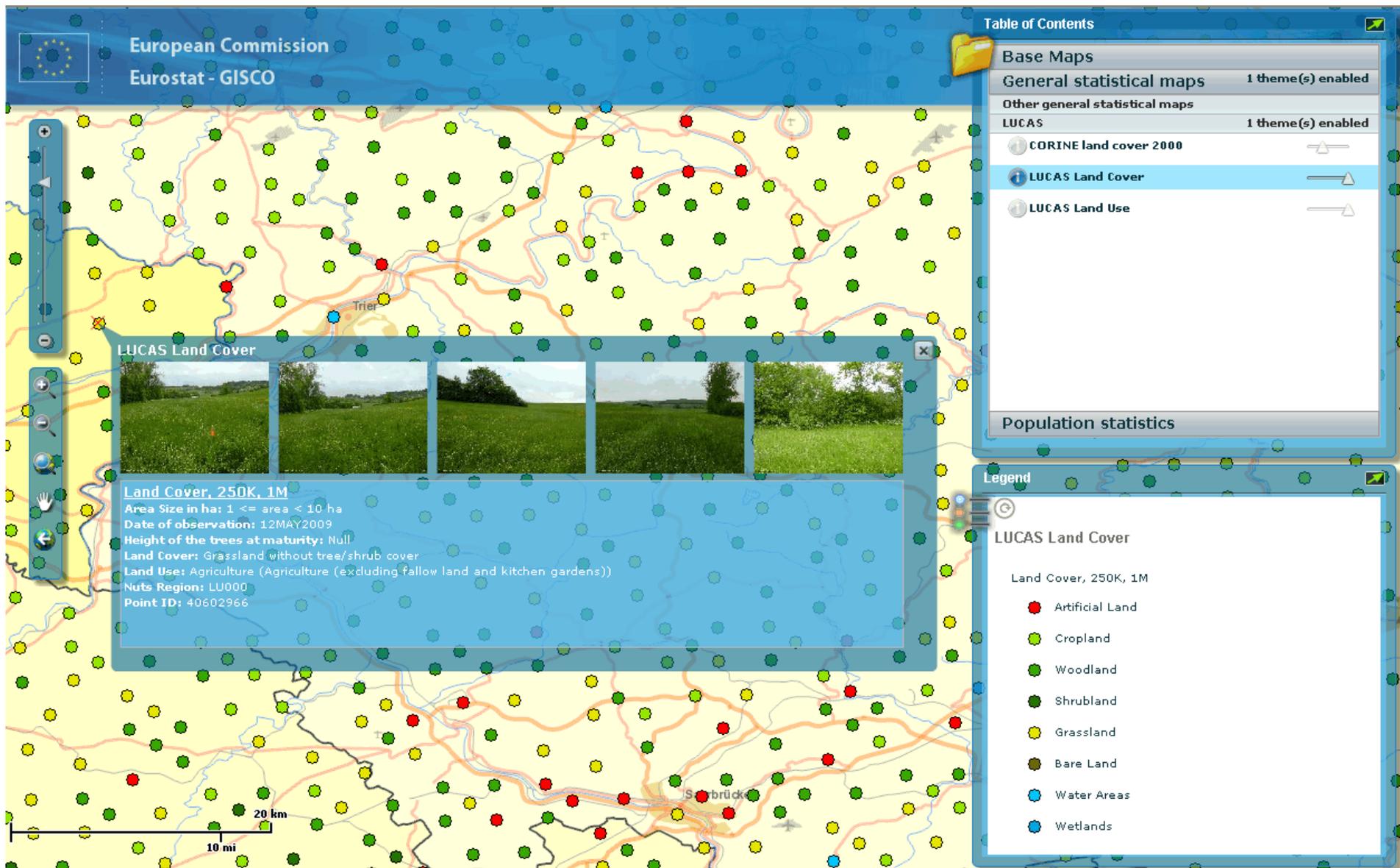
Statistical data on administrative areas: Population density by NUTS 3



Statistical data on administrative areas: Old age dependency by NUTS 2



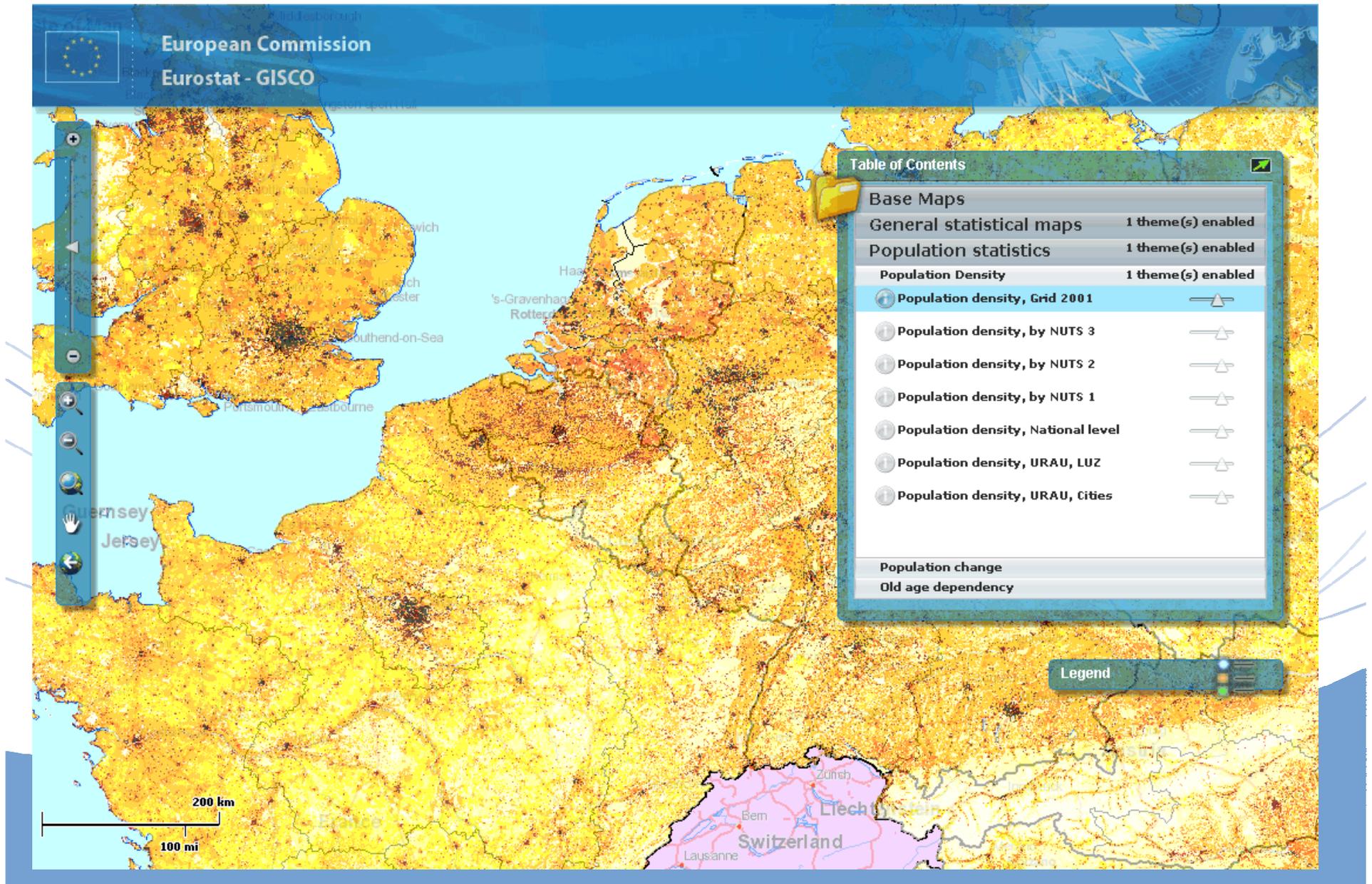
Land Use and Cover Area frame Survey , 2009



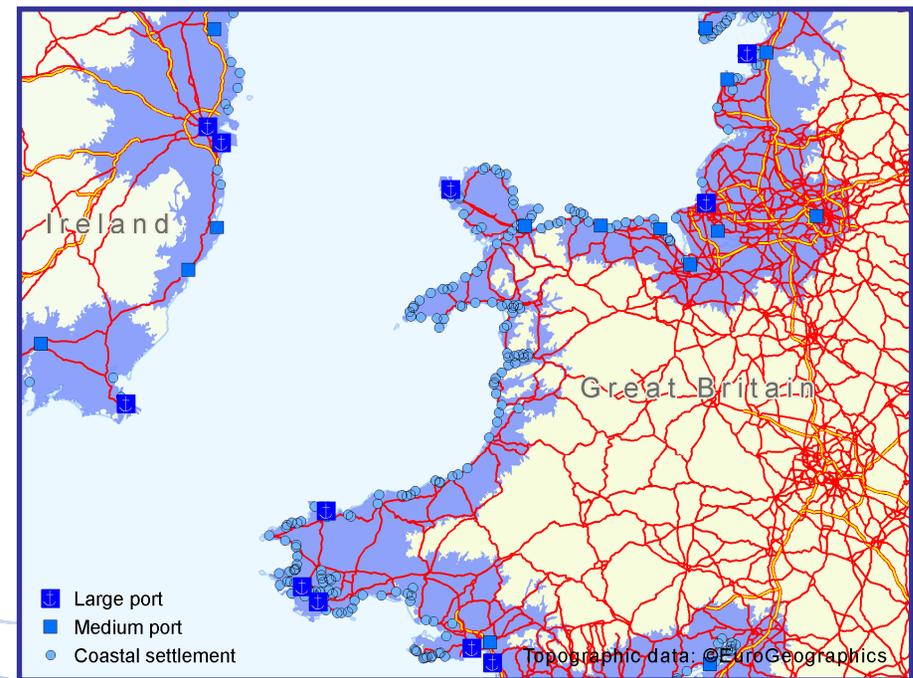
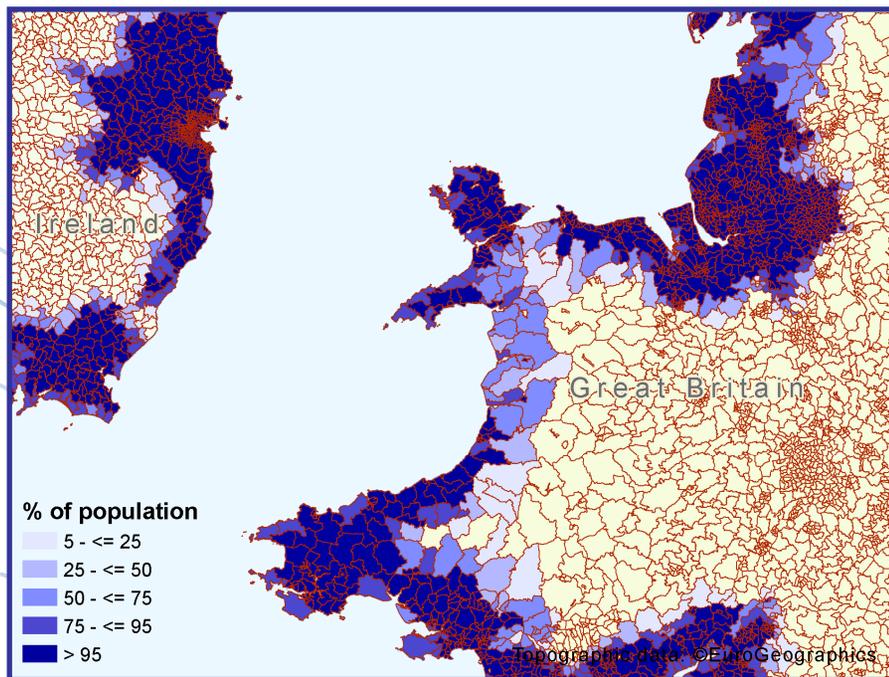
27/10/2011

Displaying Integrated or Combined Geospatial and Statistical Data

Population density grid, 2001



Boundaries based on statistical and geospatial data (Maritime service areas)



Enablers

■ The INSPIRE Directive

- Data harmonisation
- Data discovery
- Shared information services

■ The INSPIRE portal

- Common entry point for geospatial and statistical info
- In the EC about 80 datasets now accesible
- EEA, JRC, AGRI, REGIO main data owners

■ The display tools

Geospatial data at the Commission: discover, view and download

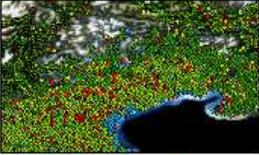
European Commission
eurostat

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INSPIRE@EC Geoportal

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Map Gallery



Land Cover



Population Grid



Geology of Europe



Satellite images



LUCAS Land Use 2009

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Search Metadata

Use this quick search to discover spatial resources, or use the [Advanced Search](#) interface.

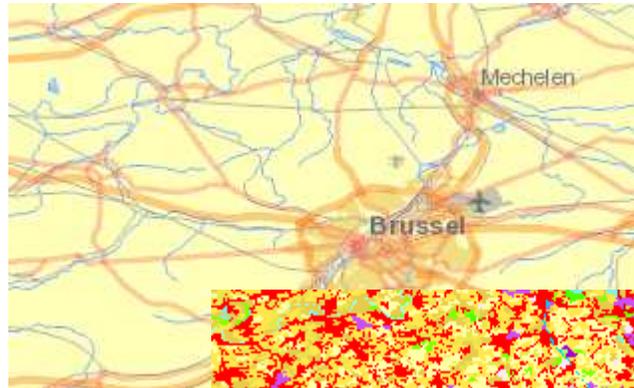
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- [Hydrogeological Map of Europe, scale 1 : 1,500,000 \(IHME1500\) - Geology - View](#)  [Add to favourites](#)
- [NUTS 2006, Level 2 - Statistical Units - View](#)  [Add to favourites](#)
- [OpenStreetMap \(OSM\) - Transport Networks - View](#)  [Add to favourites](#)

INSPIRE@EC: Geographic information in the Commission

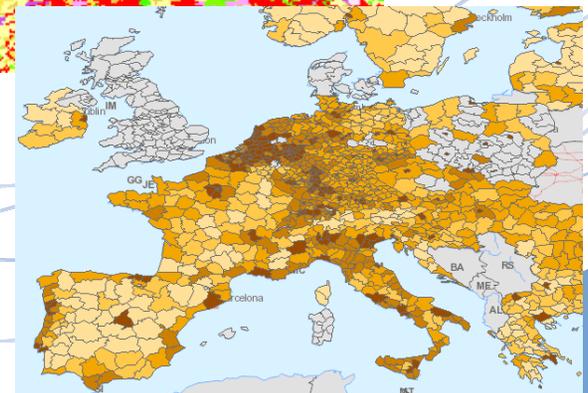
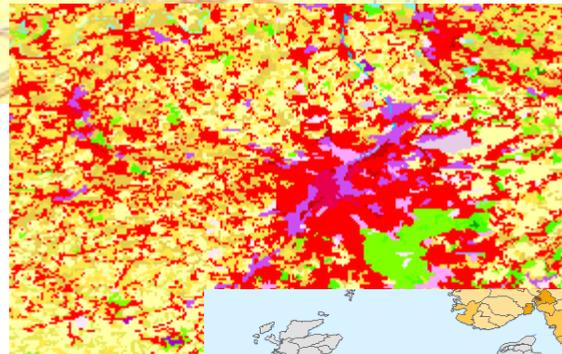
■ Reference information:

- Administrative boundaries,
- Transport, hydrography,
- Geology, elevation.

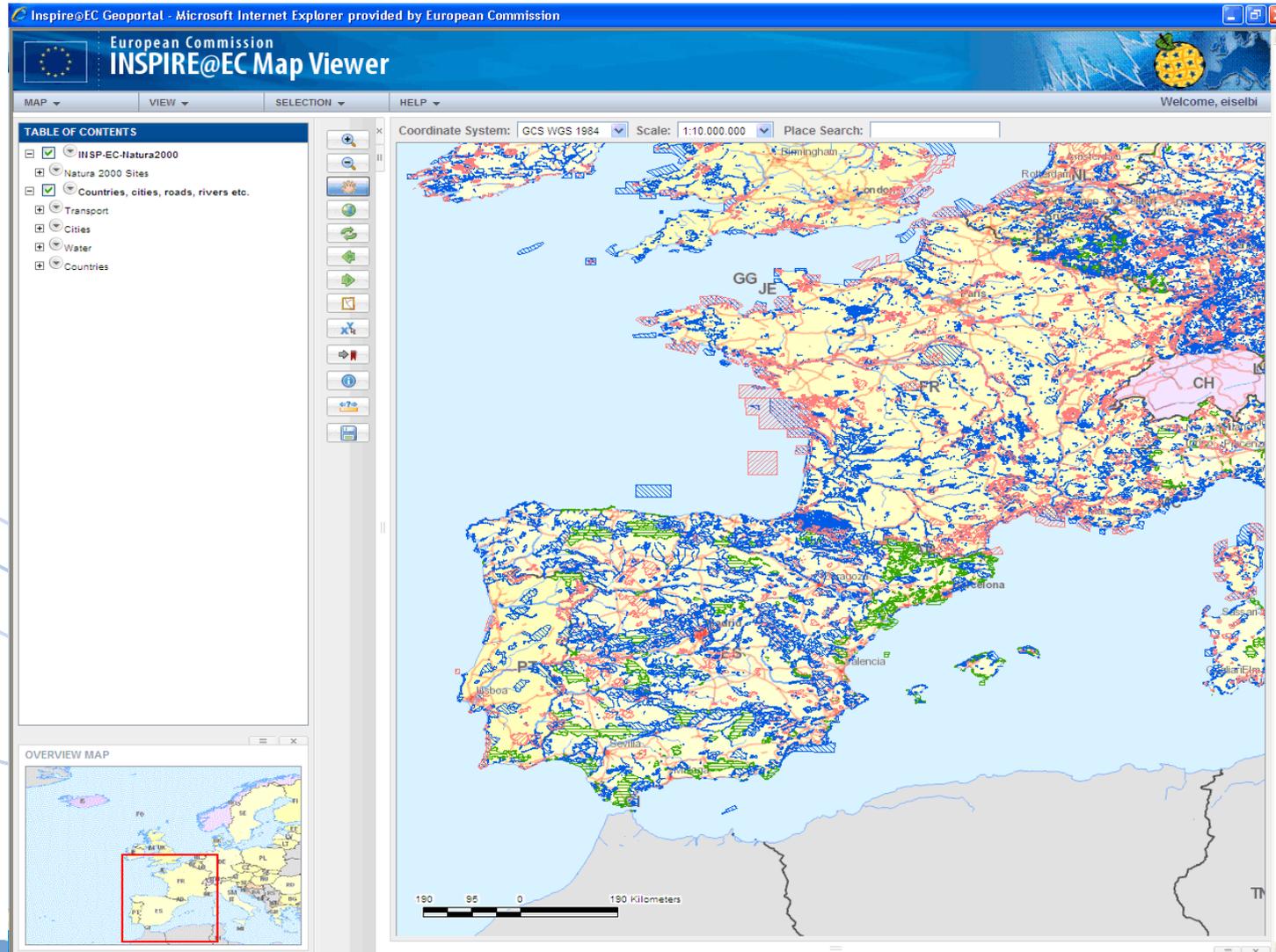


■ Thematic information:

- Regional policies,
- Farm accountancy,
- Sea basin cooperation programmes,
- Environmental monitoring,
- Statistical units, urban audit, population,
- Nature protection,
- Land use, land cover,
- Utilities - Energy.



INSPIRE superposed display: Eurostat, EEA data



Thank you
for your attention!