Displaying Integrated or Combined Geospatial and Statistical Data

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

eurostat
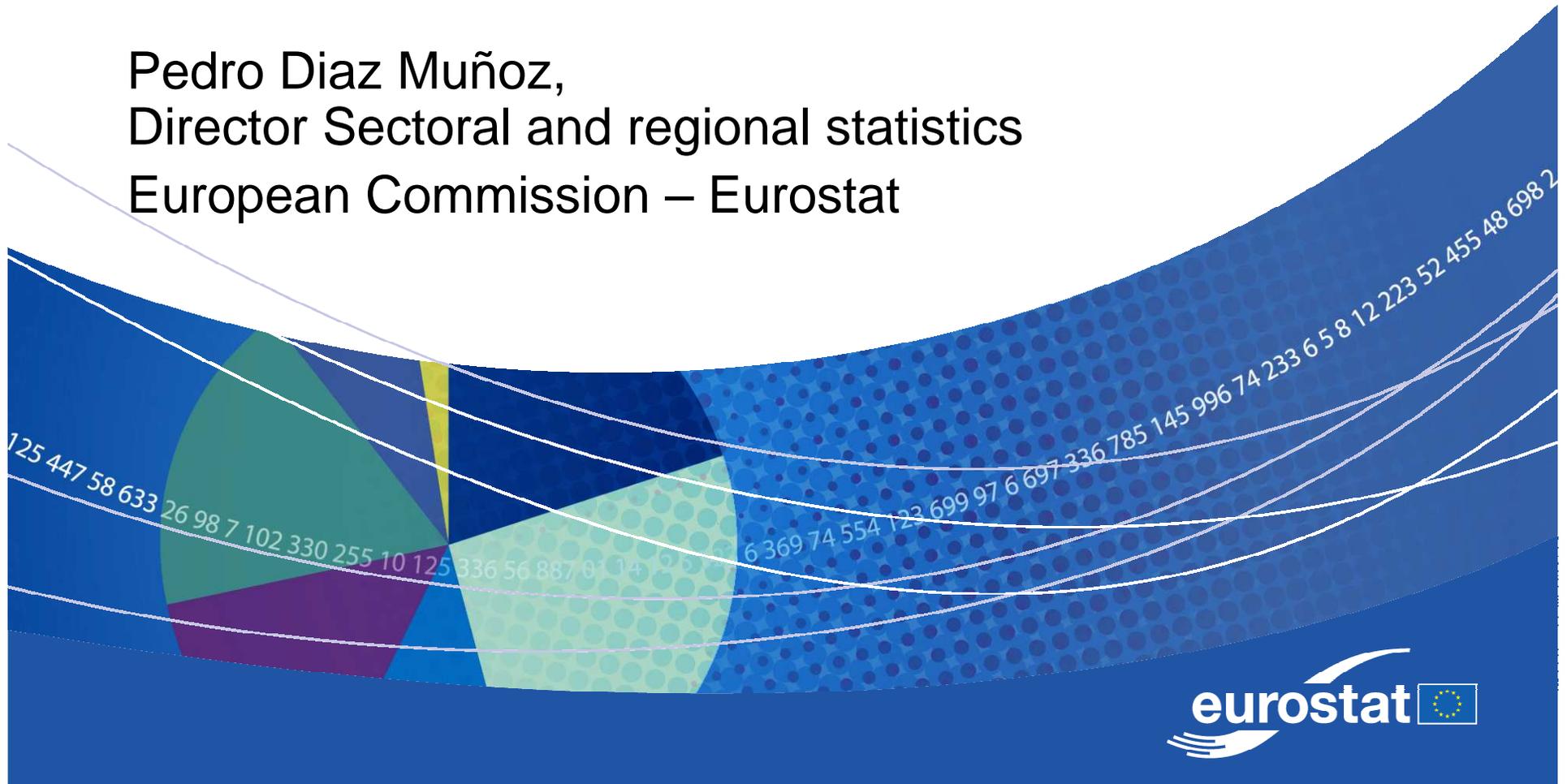
Some approaches for visualisation

- 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

eurostat

Statistical data on administrative areas:
Population density by NUTS 3
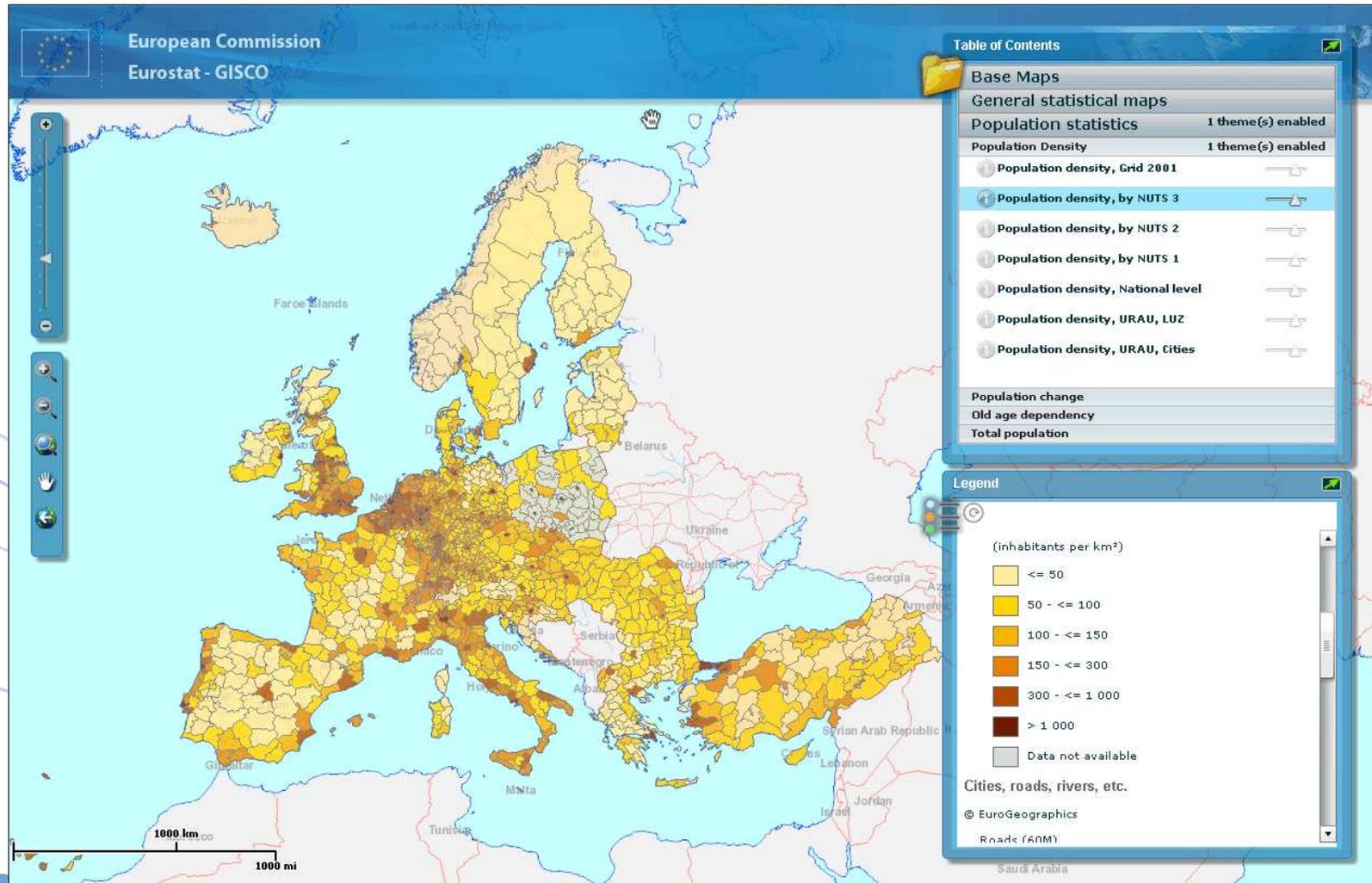
Statistical data on administrative areas:
## Old age dependency by NUTS 2
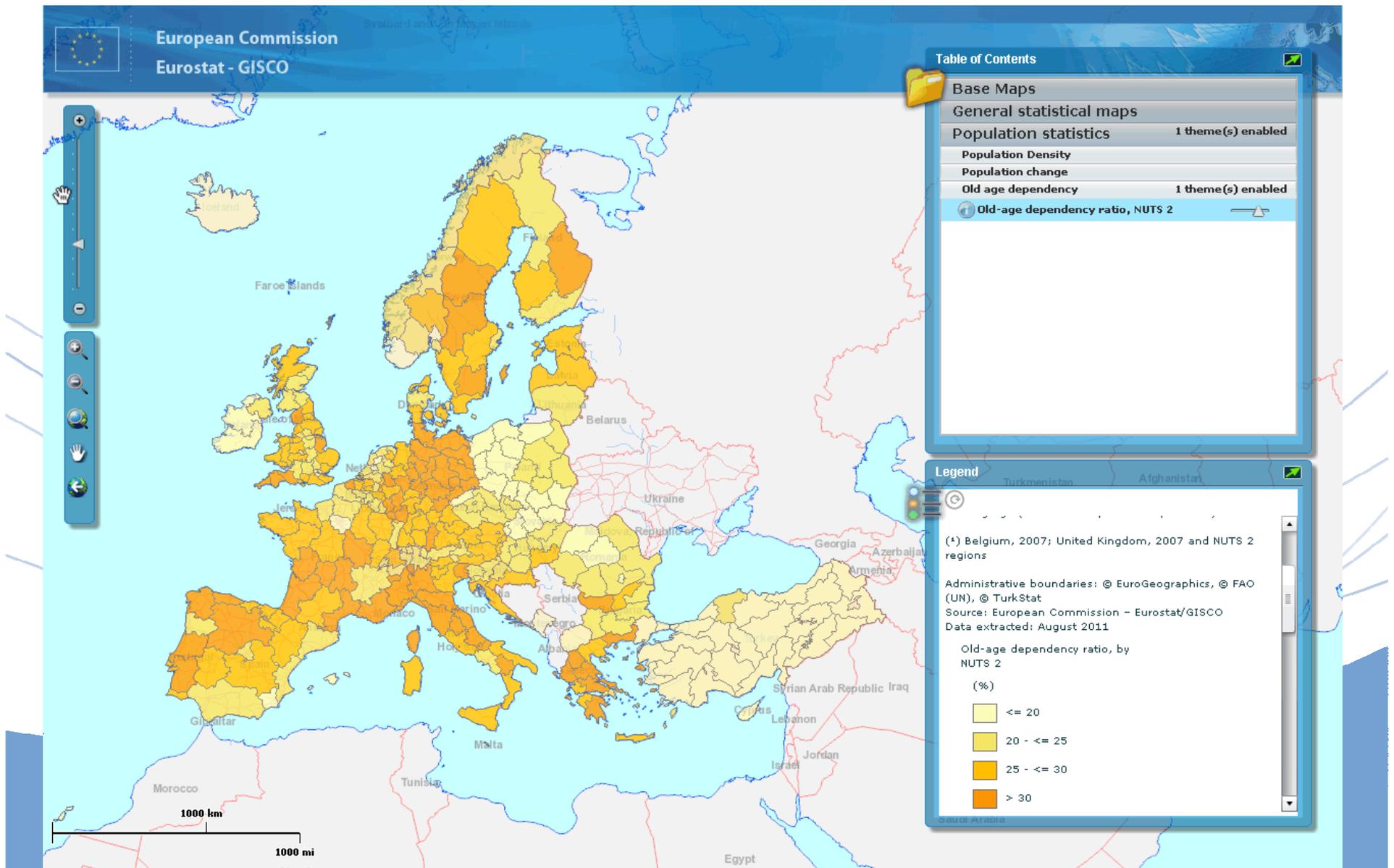
# Land Use and Cover Area frame Survey , 2009

Population density grid, 2001
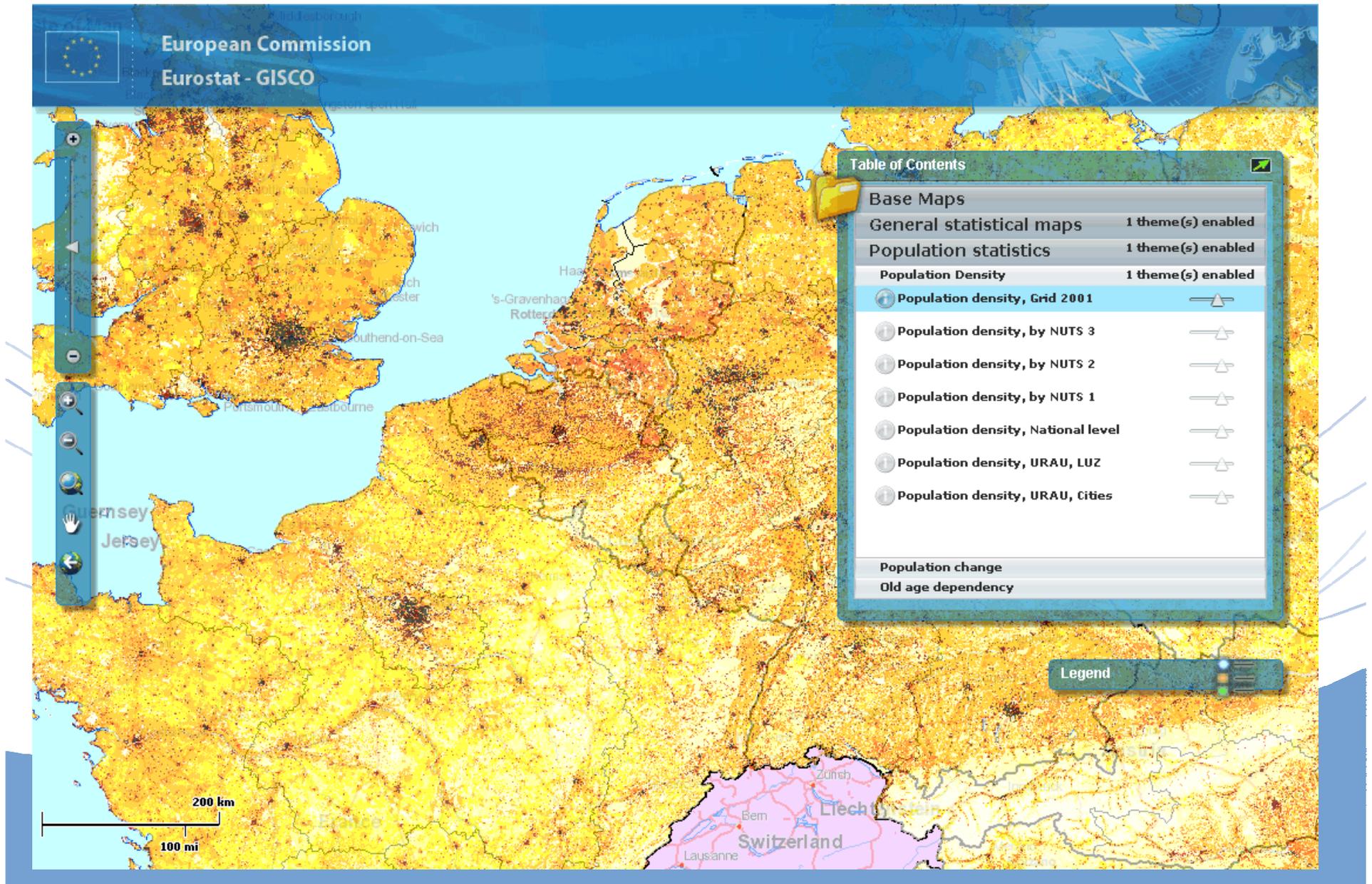
Boundaries based on statistical and geospatial data (Maritime service areas)

% of population
- 5 - <= 25
- 25 - <= 50
- 50 - <= 75
- 75 - <= 95
- > 95

Ireland

Great Britain

Topographic data: ©EuroGeographics

- Large port
- Medium port
- Coastal settlement

Ireland

Great Britain

Topographic data: ©EuroGeographics
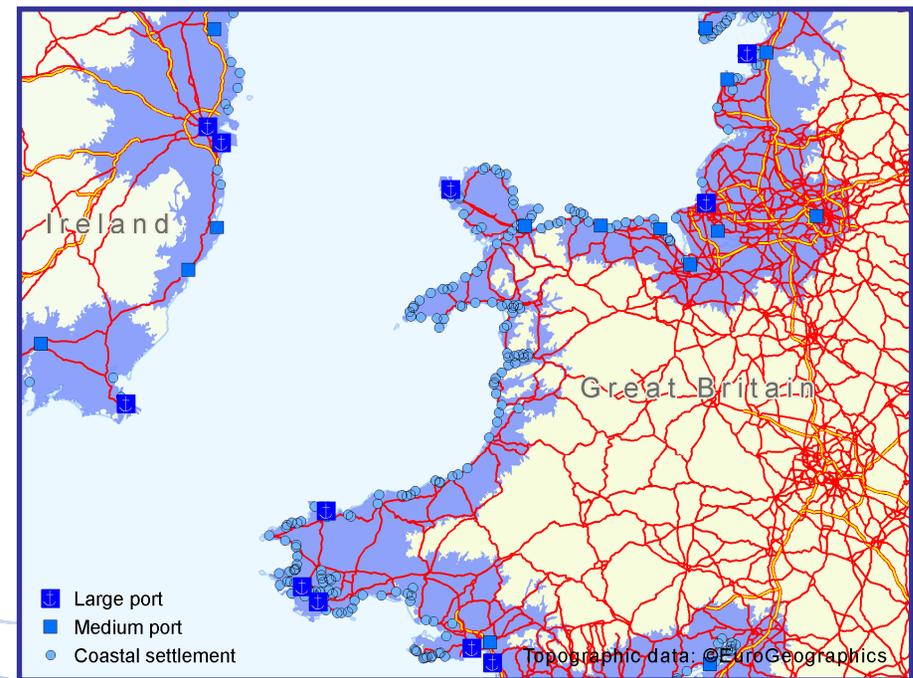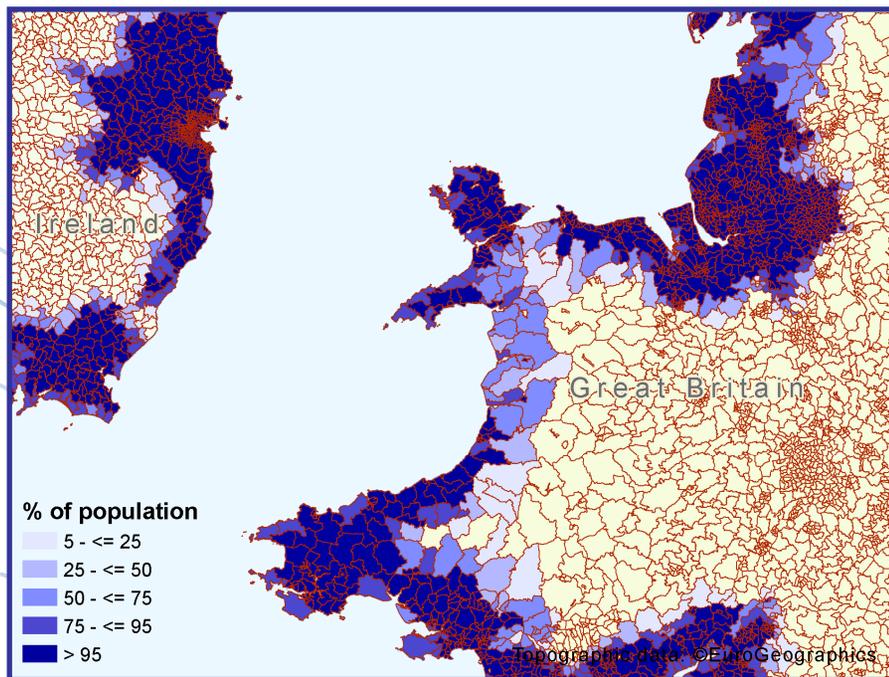
Enablers

- **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**

eurostat

# Geospatial data at the Commission: discover, view and download

INSPIRE@EC: Geographic information in the Commission

- **Reference information:**
  - Administrative boundaries,
  - Transport, hydrography,
 - Geology, elevation.
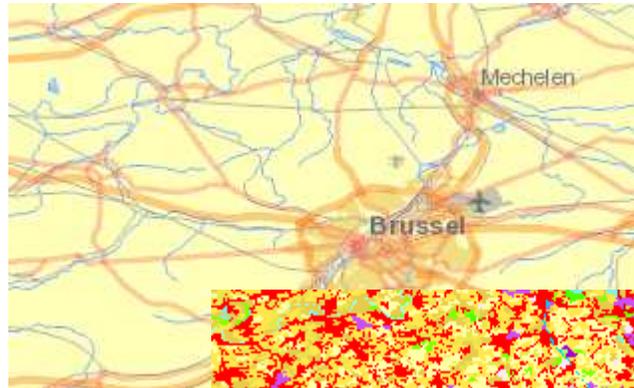
- **Thematic information:**
  - Regional policies,
  - Farm accountancy,
  - Sea basin cooperation programmes,
  - Environmental monitoring,
  - Statistical units, urban audit, population,
  - Nature protection,
  - Land use, land cover,
  - Utilities - Energy.
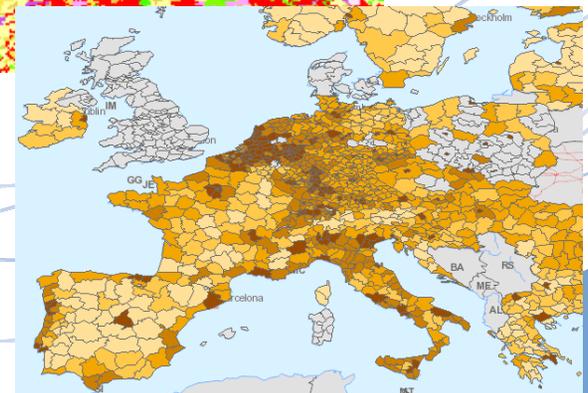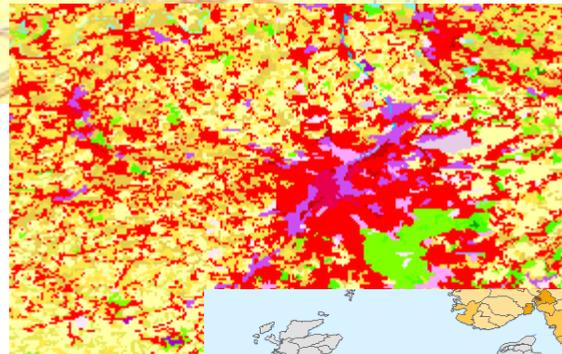
eurostat

INSPIRE superposed display: Eurostat, EEA data
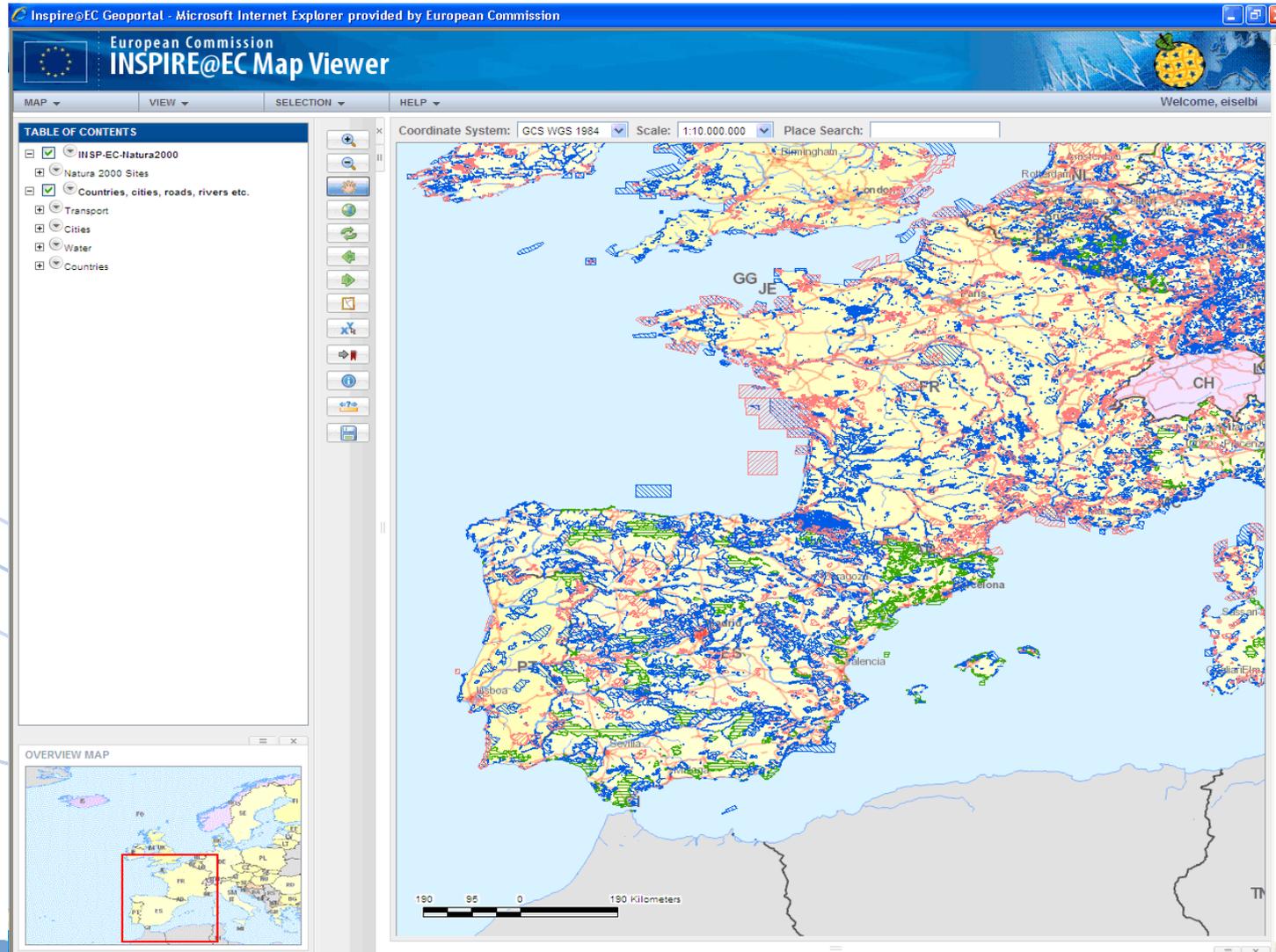
Thank you
for your attention!

eurostat