



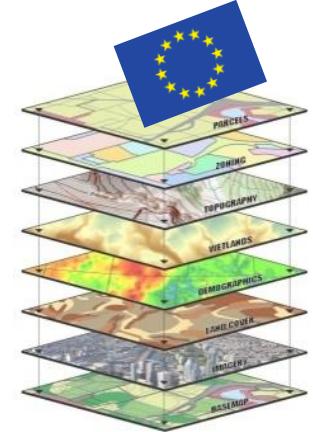
Eight Plenary Meeting of UN-GGIM: Europe

Working with our UN-GGIM: Europe partners/stakeholders

**Update from Eurostat**

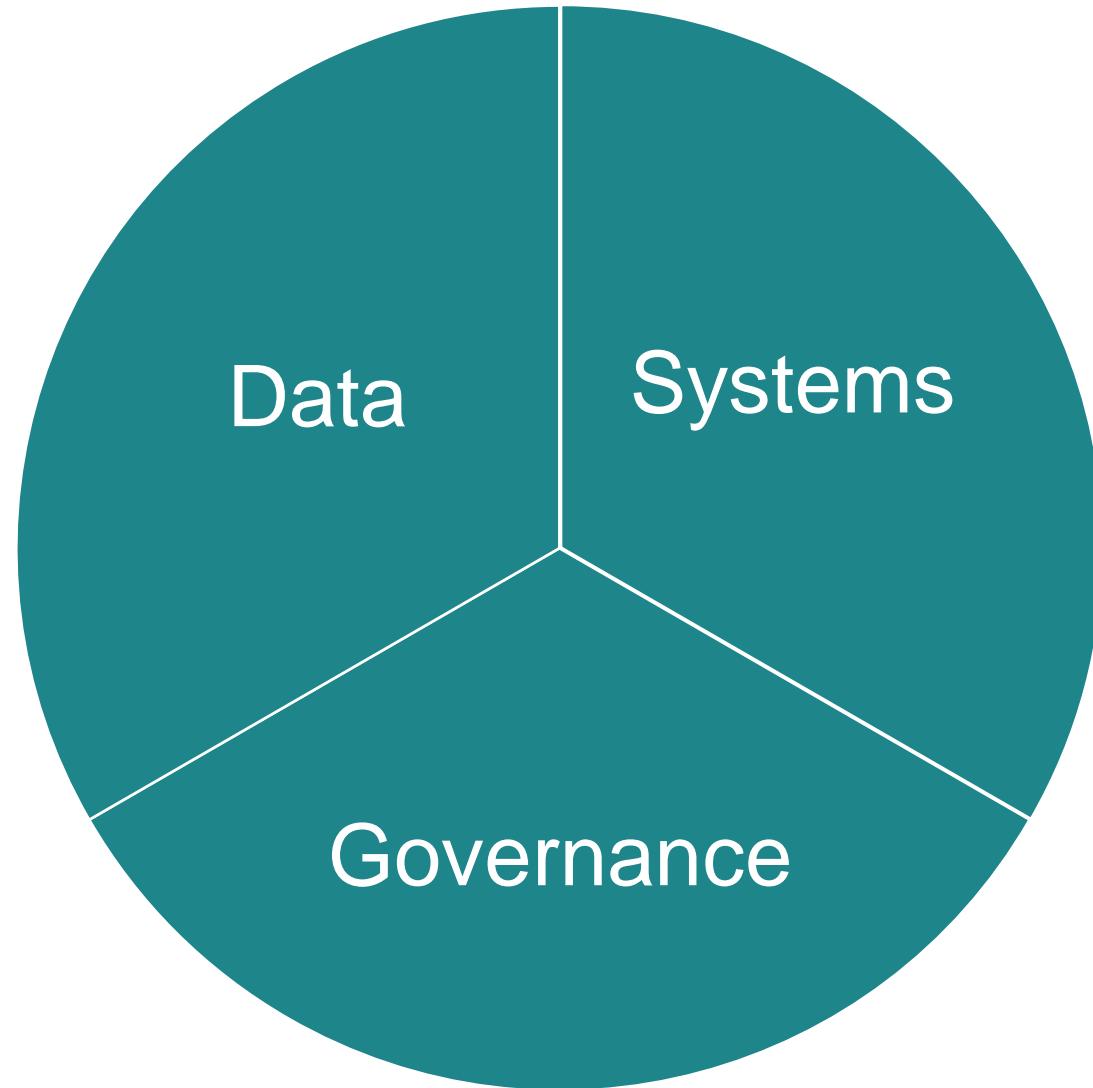
*Oliver MUELLER*

# GISCO – The Geographical Information System of the Commission



- Permanent service of the European Commission (Eurostat)
- Role: Answers needs of European Commission, Eurostat and the ESS for geographical information at EU/national/regional levels.
  - Provision of GIS (reference) data, services and software,
  - Support cartographic and spatial analysis activities,
  - Coordinates commission-wide GI activities,
  - Stimulate the use of GIS to support commission activities,
  - Support activities on the integration of statistical and geospatial information.

# GISCO, three pillars

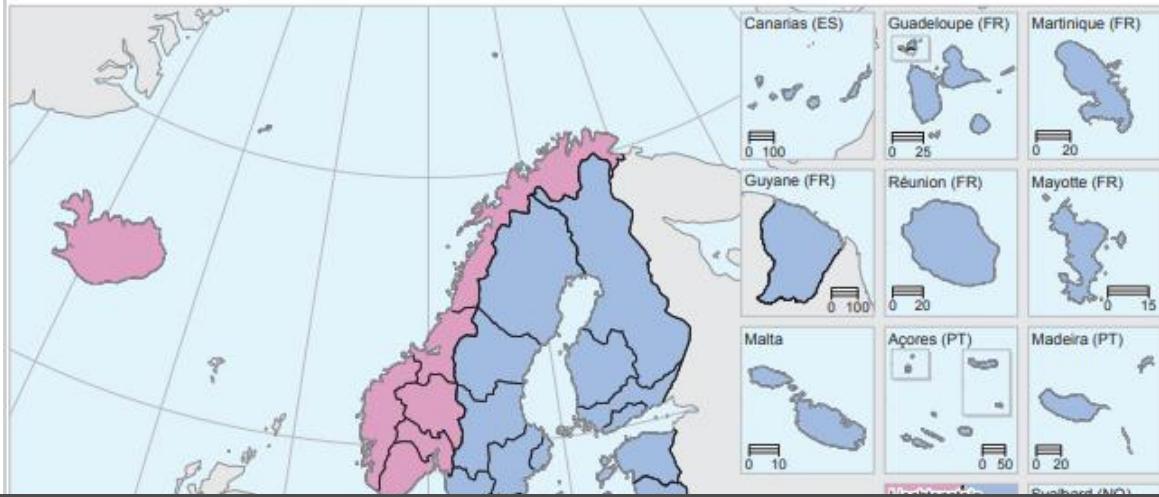


# Data & systems: GIS reference data

- Statistical/administrative units
  - Countries

Regions

NUTS 2 regions in the Member States of the European Union (EU-) according to NUTS 2021, with corresponding statistical regions in EFTA countries, candidate countries and potential candidates



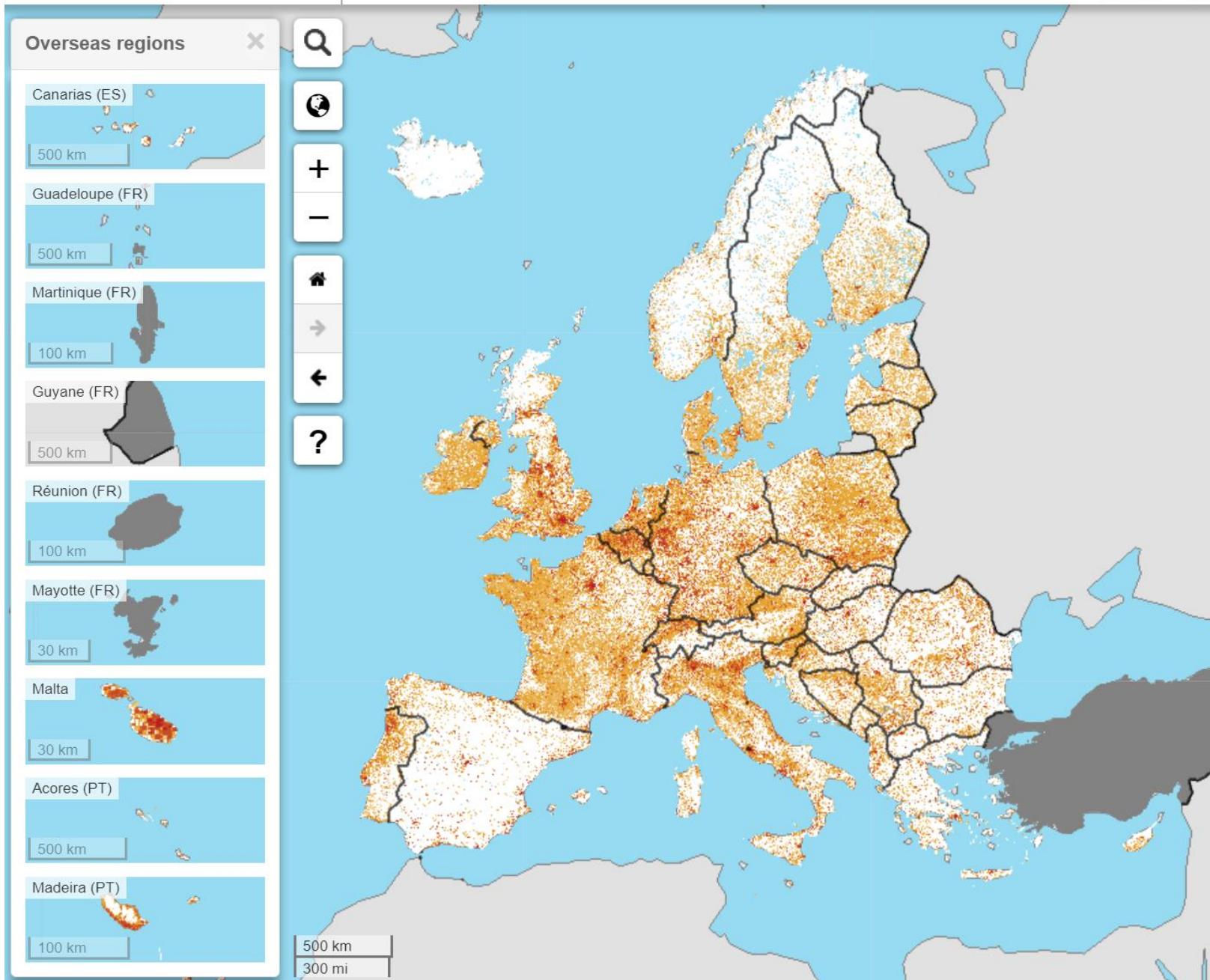
<https://ec.europa.eu/eurostat/web/gisco>

- Population distribution
- Addresses (soon)
- Transport networks
- Services
- To be done: parcels, buildings



Member States of the European Union  
EFTA countries  
Candidate countries  
Potential candidates

0 200 400 600 800 km

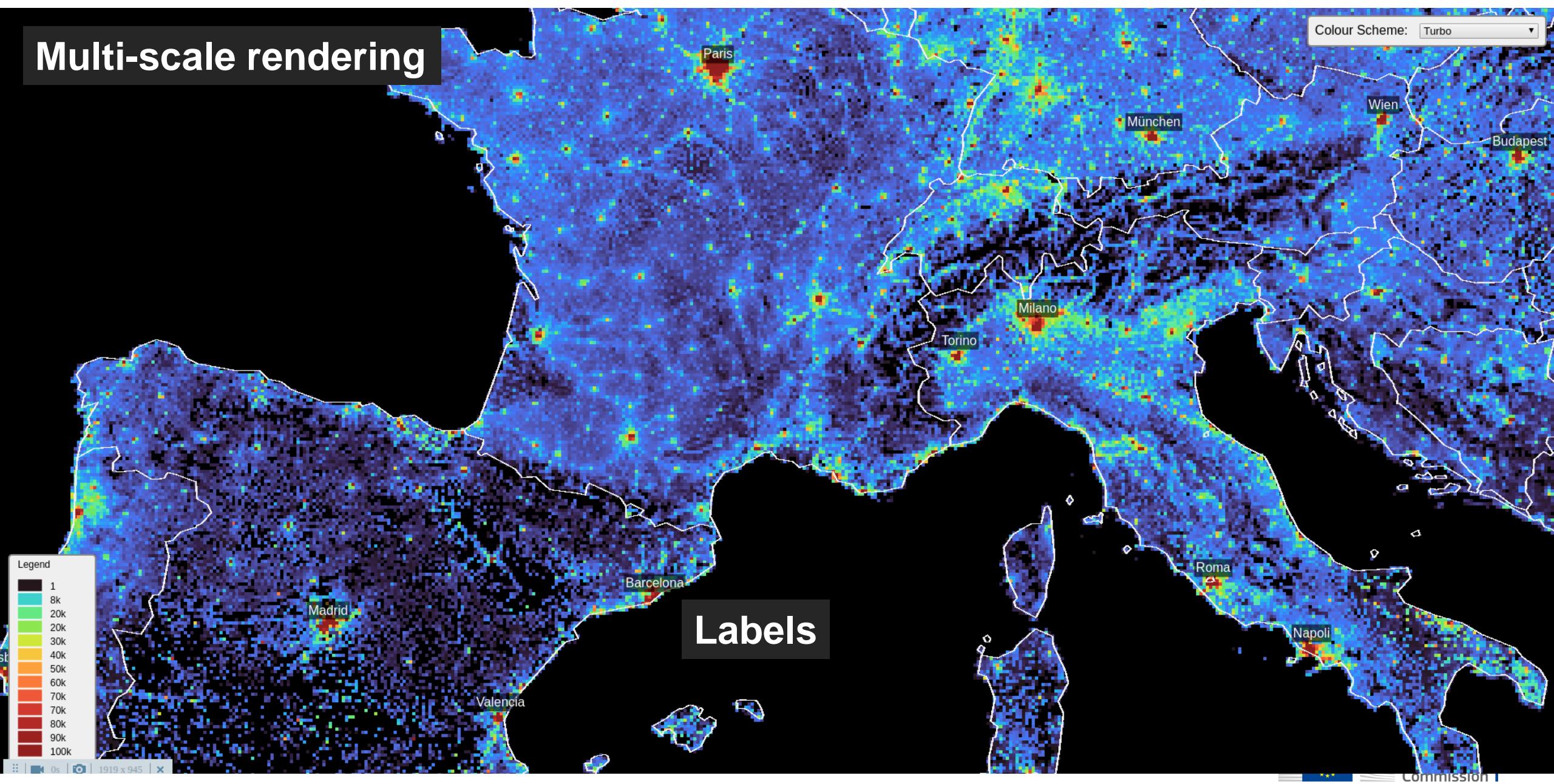


# 1x1 km Grid of Europe

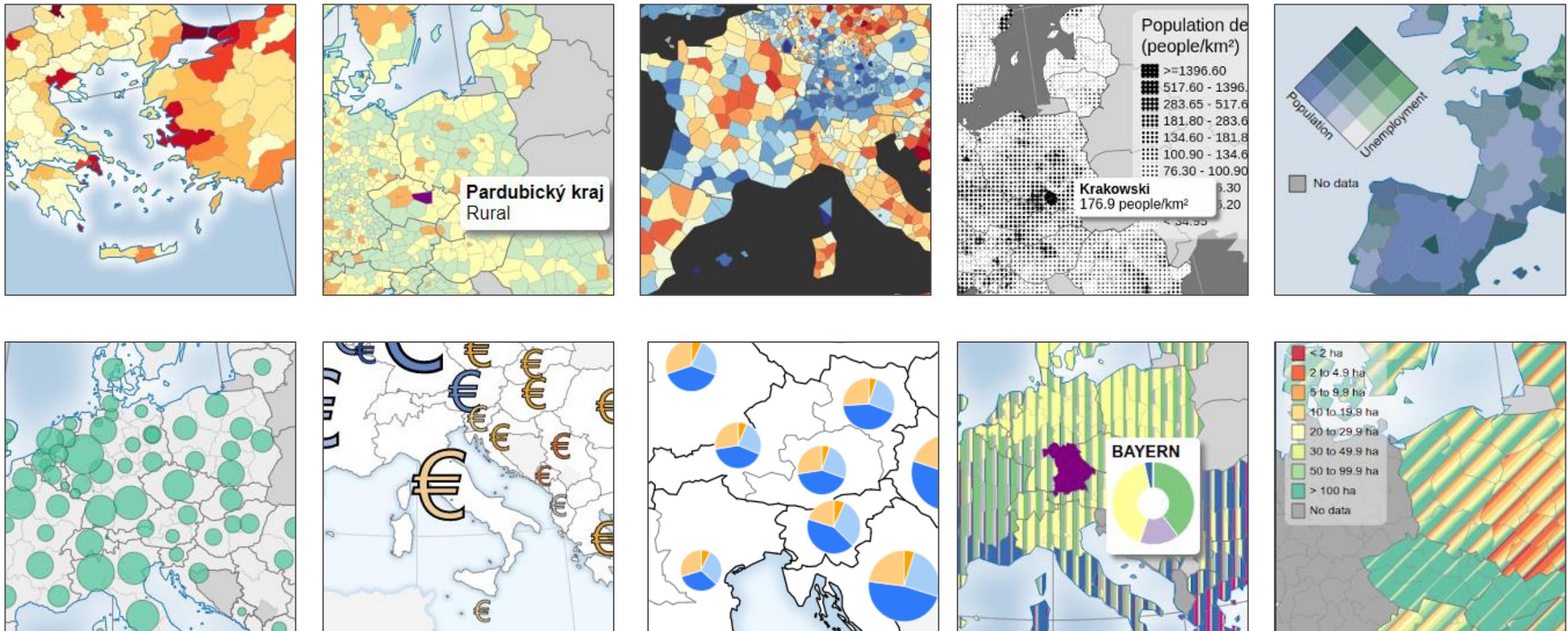
Number of cells: 2 106 228



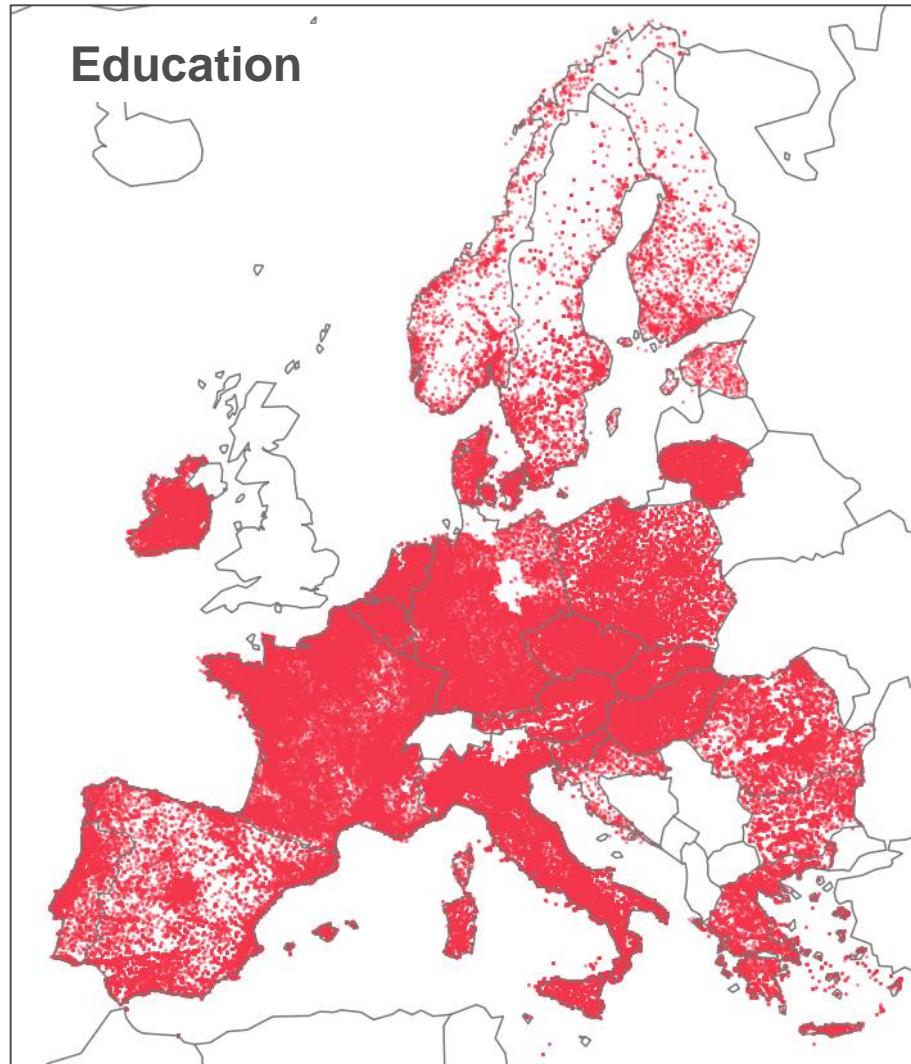
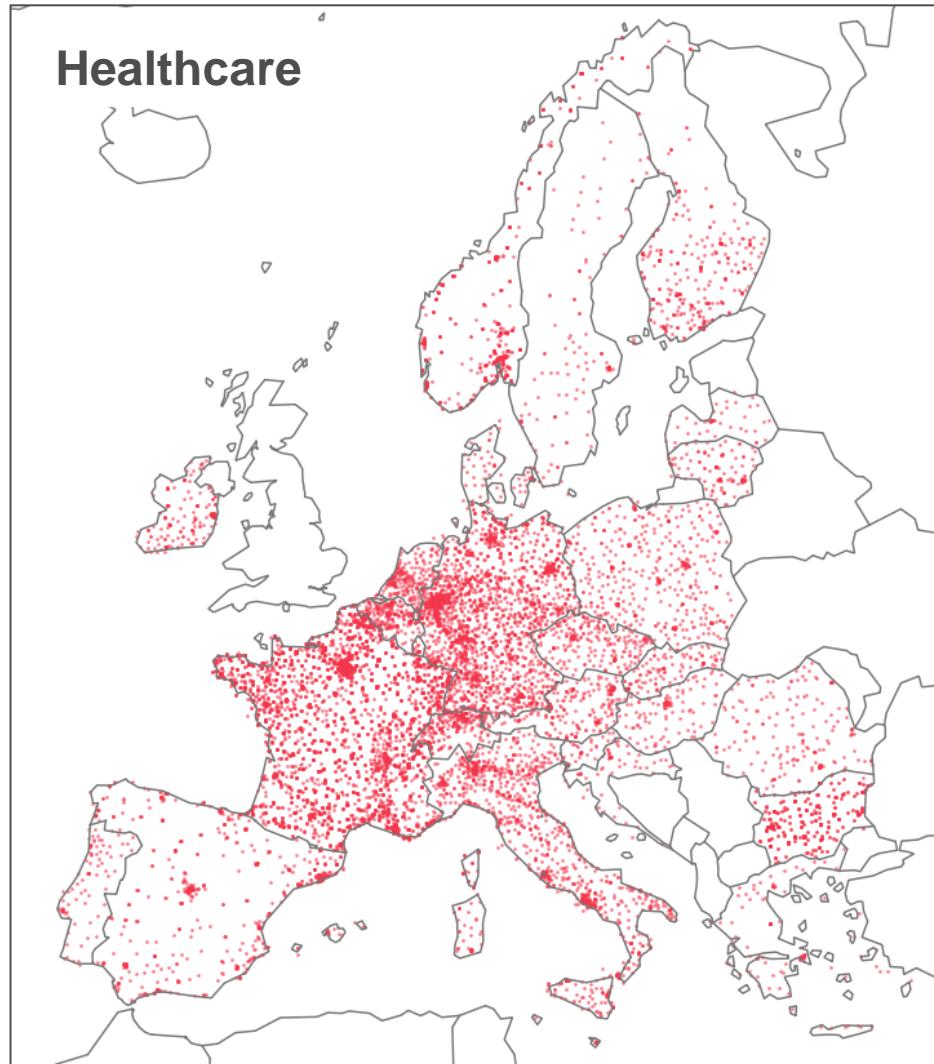
# Multi-scale rendering



# Javascript libraries: Eurostat-map.js

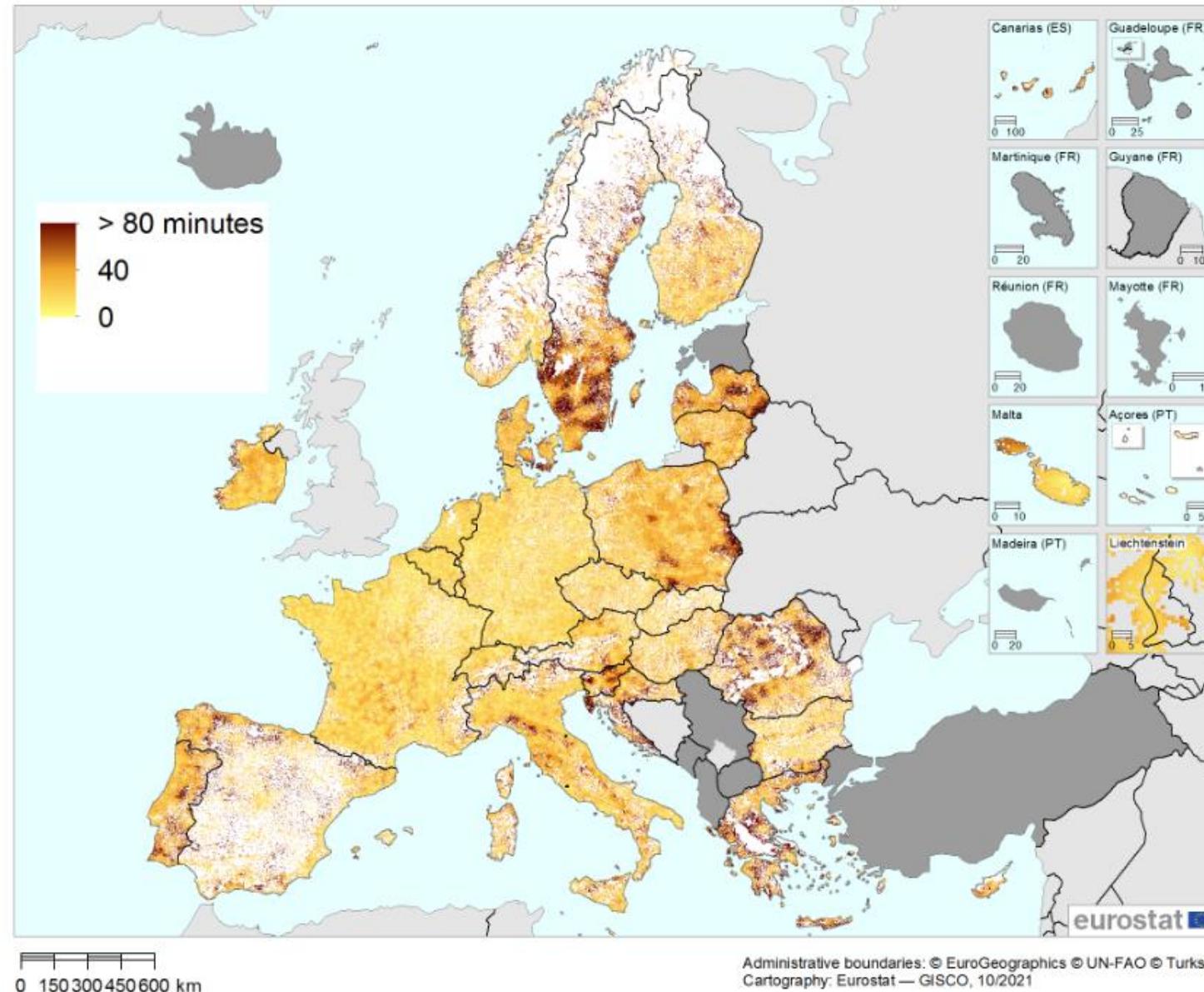


# Data & systems: Utility services, examples



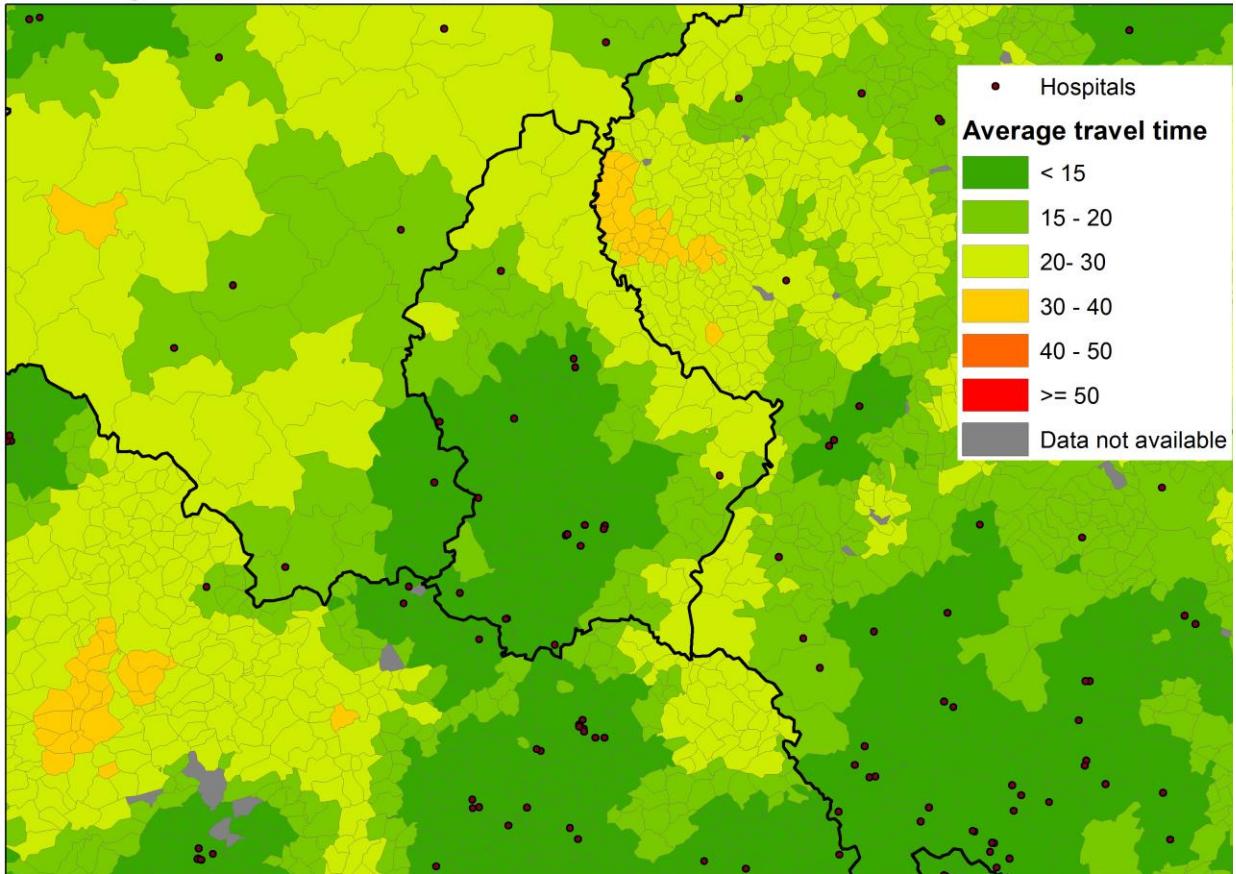
# Geospatial analysis, aggregating into statistics (1/3)

Access to Healthcare - Travel time (minutes) by 1km grid

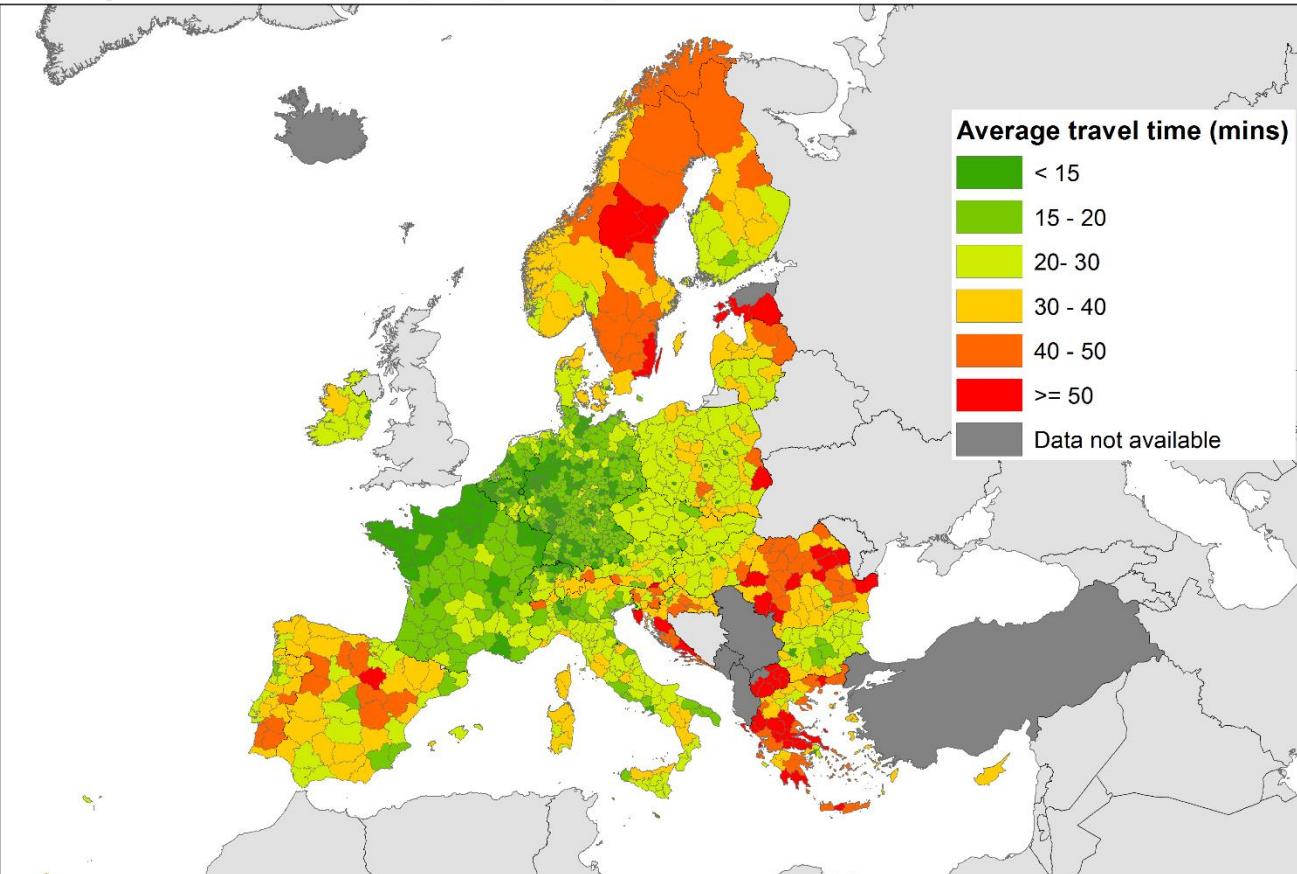


# Geospatial analysis, aggregating into statistics (2/3)

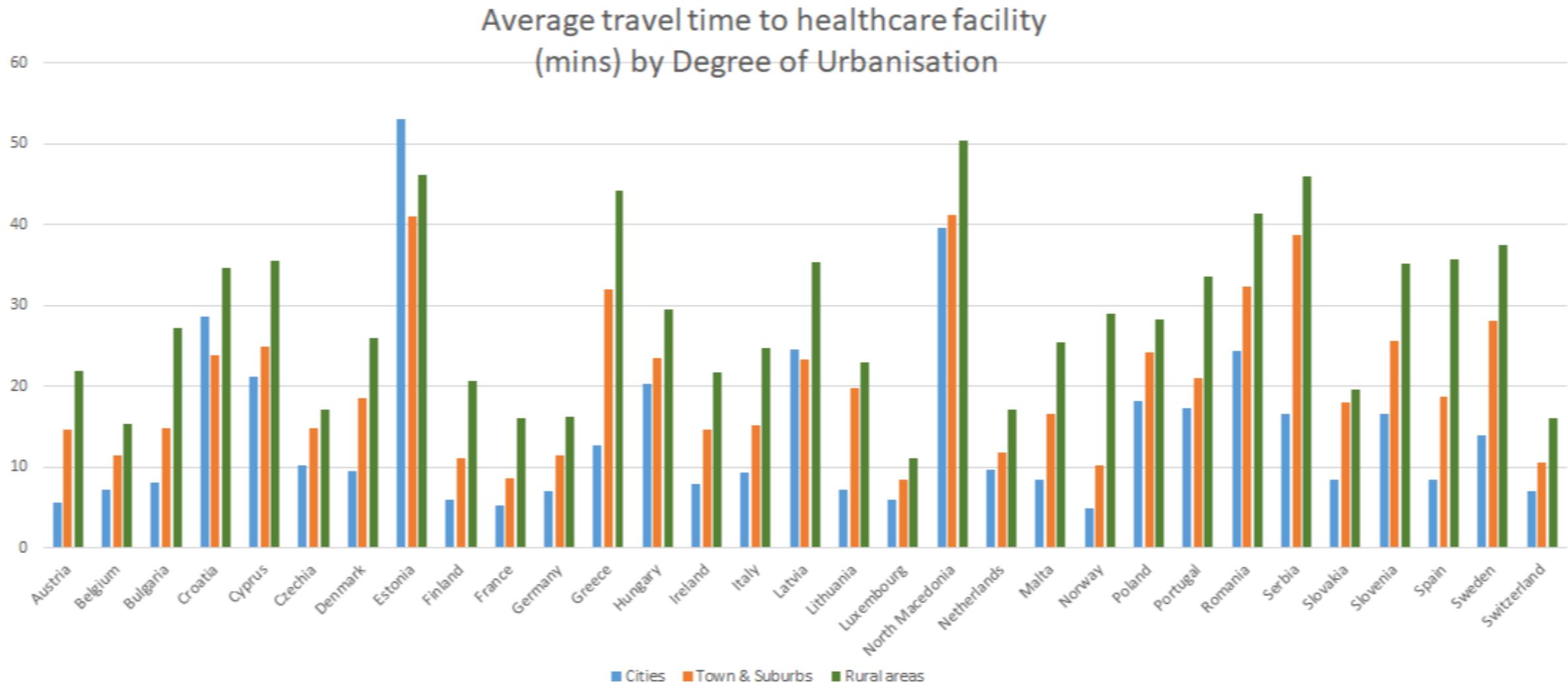
Average Travel time to Hospital (LAU)



Average Travel time to Hospital (NUTS3)



# Geospatial analysis, aggregating into statistics (3/3)



# Data & systems: address API

 | GISCO Address API

English EN

Home

Endpoints

Documentation

Response format

Geocoding

Structured Search

Free-form Search

Reverse Search

**Address Finder**

clear

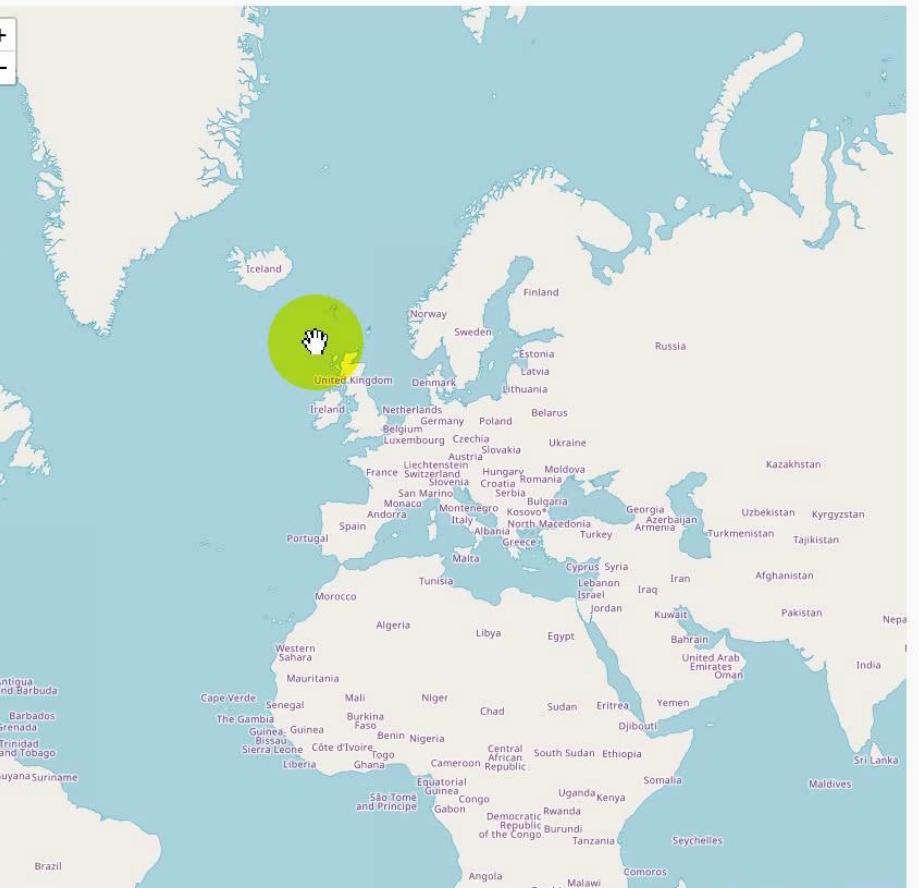
Country: choose country

Province: select province

City: select city

Road/street: Select road

House number/ name: select housenumber



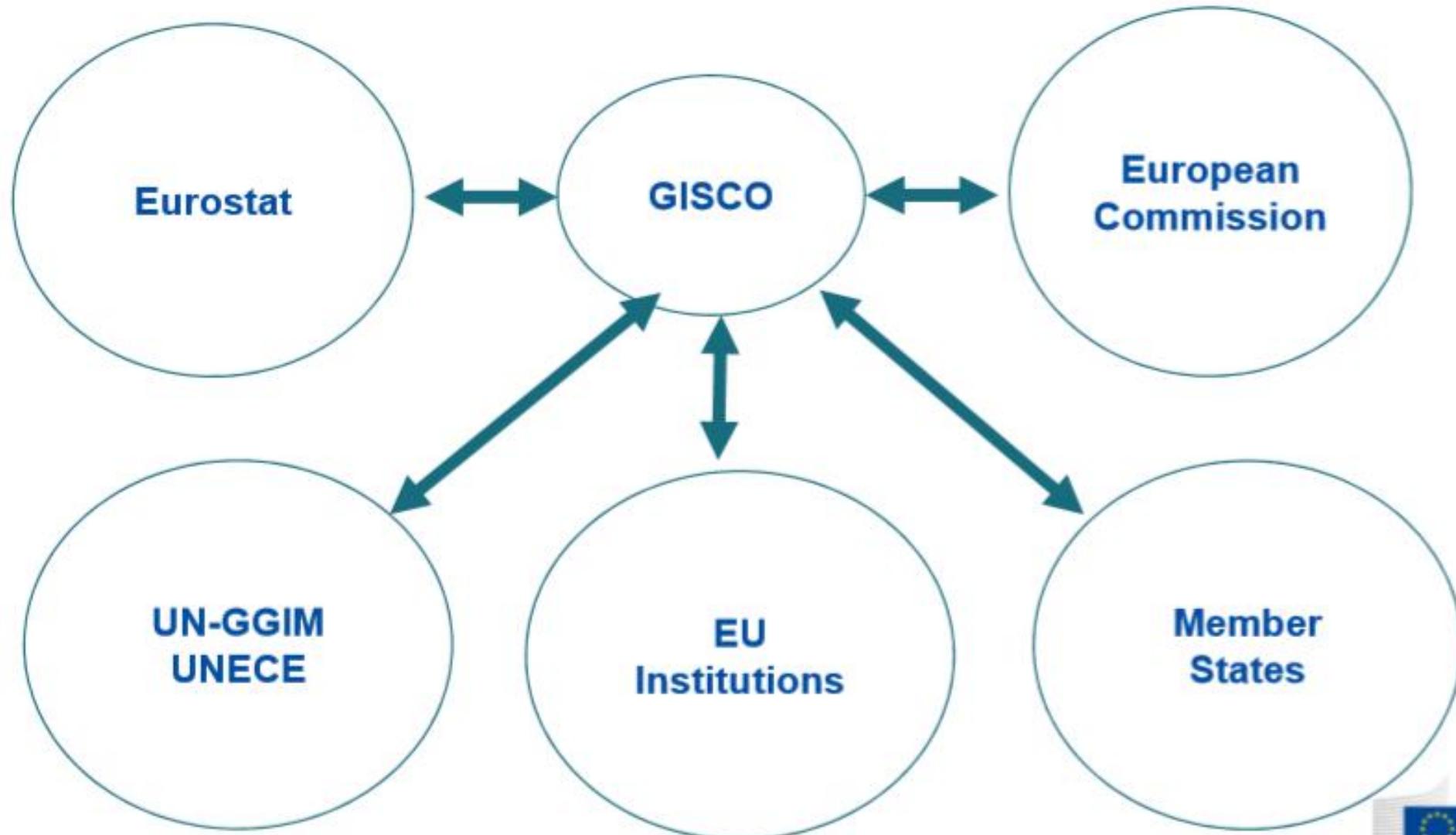
Leaflet | © OpenStreetMap contributors

# API + Graphical User Interface based on eUI



European  
Commission

# Governance – GISCO stakeholders



# Keep in touch



[ec.europa.eu/eurostat](http://ec.europa.eu/eurostat)



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# Thank you

**ESTAT-GISCO@ec.europa.eu**



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