

EuroGeographics Perspective

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EuroGeographics

CONNECTING YOU TO MAPS, GEOSPATIAL AND LAND INFORMATION FOR EUROPE

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#MAPSFOREUROPE

The voice of Europe's National Mapping, Cadastral & Land Registry Authorities



Members use cutting-edge technologies to collect, maintain and deliver the geospatial data we all rely on every day



Helping to protect people and the planet by providing critical data for reporting and monitoring the UN Sustainable Development Goals (SDGs)

55 members across **45 countries**

66K experts across geographical Europe

Investing **1.5B** each year to provide official national geospatial data

Trusted by European and international institutions, government, businesses and citizens

Enabling **access to members' data** and expertise

Representing members' interests

Providing opportunities for **knowledge exchange**

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3a. Preparing for and Engaging with the DEFIS Study

BEFORE THE STUDY

- ❑ **Task Team formed**
  EG + 11 member representatives
- ❑ **Strategic analysis**
  Study objectives, risks & opportunities assessed
- ❑ **Member briefing**
  Heads of NMCAs briefed at General Assembly
- ❑ **Position agreed**
  EuroGeographics' agreed position across tender sections
- ❑ **Member guidance note**
  Practical guide for responding to contractor
- ❑ **Early engagement**
  EG seeks meeting with selected contractor

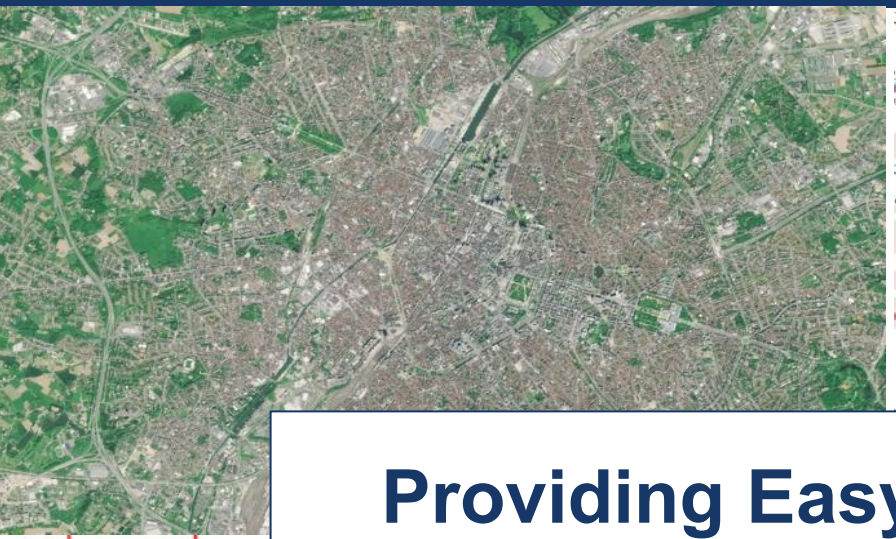
Contractor Selected by DG-DEFIS

Started End Sept 2026

18 - MONTH STUDY (Tasks from tender specifications, times approximated from tender)

Month 1	Months 2–7	Months 7–12	Months 12–15	Months 15–18
Kick-off & Inception • Work plan confirmed • Stakeholder engagement strategy agreed	**Task 1 Policy & Needs Assessment** • Desk research • Policy review • Preliminary findings report	**Tasks 2 & 3 Consultation & Options** • Surveys & interviews • Workshops • Interim report • Policy options	**Task 4 Roadmap & Final Report** • Three pathways ranked • Draft framework • Final report	**Task 5 Engagement & Conference** • High-level conference • Policy brief
EuroGeographics seeks to meet contractor	**Members approached for data access for the case study EuroGeographics provides its experience of pan-European data**	**EuroGeographics supports Members & engages as stakeholder in consultation & workshops**	**EuroGeographics engages through consultation**	**EuroGeographics presents NMCA position at conference**

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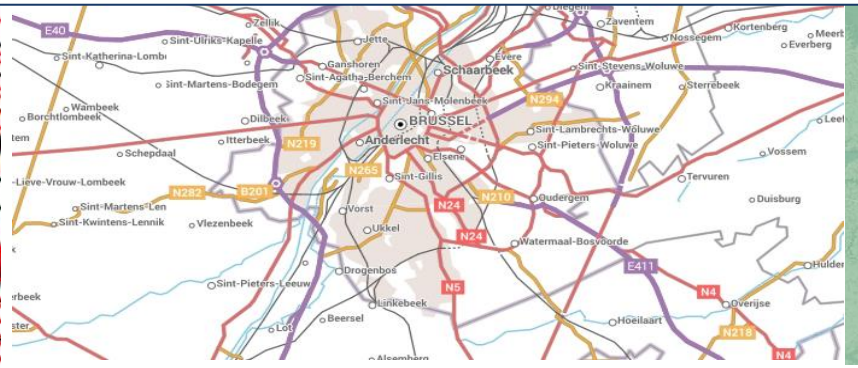


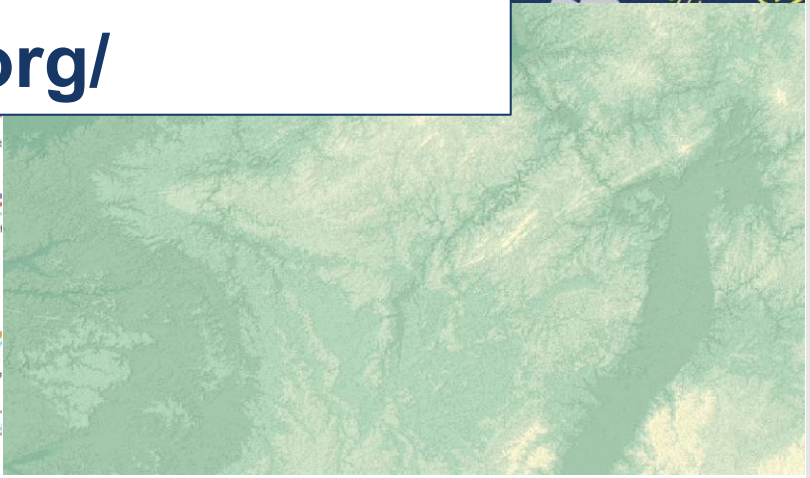




Providing Easy Access to pan-European datasets
https://www.mapsforeurope.org/



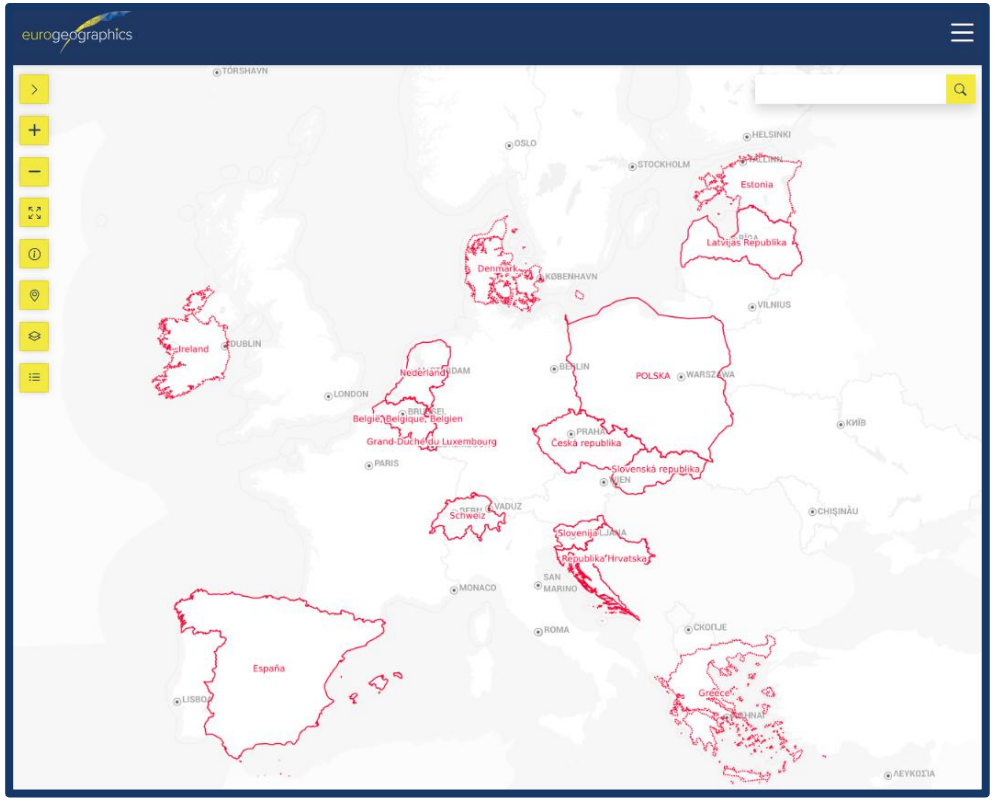




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ECRM
EuroCoreReferenceMap

OME2: outputs OCM



- 15 countries
  - BE, HR, CZ, DK, EE, GR, IE, LU, LV, NL, PL, ES, SI, SK, CH
- Admin Units, Cadastral parcels, Buildings, Addresses
- Open data & links to data providers on the portal
- WMS, WMTS
- OCM Basemap
- Pan European Cadastral Data Strategy

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General Data Requirements for Copernicus – Cadastral Data

Features	CEMS	CLMS	CSS
Georeferenced datasets in vector format with an accuracy equivalent to a scale of 1:50 000 or larger:			
administrative boundaries	x	x	x
transportation infrastructure including roads and railway network	x	x	x
built up areas	x	x	x
toponyms / place names	x	x	x
hydrography / hydrographics networks	x	x	x
buildings	x	x	x
building (blocks, footprints and/or points)	x		
addresses	x	x	x
cadastral parcels	x	x	x
shoreline		x	
natural protected sites		x	
natural habitats and biotopes		x	
monitoring data on natural disasters (eg. Wild fires, landslides, etc.)		x	
reference buildings (e.g. diplomatic buildings, educational, medical, religious, point of interest)			x
bathymetry			x
Border Crossing Points (BCP)			x
nautical charts			x
utility and Governmental Services	x		x
harbour infrastructure			x
airfield infrastructure			x
production and industrial facilities	x		x

Features	CEMS	CLMS	CSS
orthophotos, accuracy = to or better than 0,5 m	x	x	x
raster topographical maps 1:50 000 or larger	x	x	x
Digital elevation models (DEM) with a resolution of 1m - 25 m	x	x	x
Digital Elevation Models (DTM) with a resolution of 1m - 10m (accuracy: horizontal CE90: 1m-25m; vertical LE90: 1-10m)	x		
Digital Surface Models (DSM) with a resolution of 1m - 10m (accuracy: horizontal CE90: 1m-25m; vertical LE90: 1-10m)	x		
LIDAR point cloud data (including classified data) from which Digital Elevation Models can be derived	x		
Land use / Land cover 1:50 000 or larger (raster/vector), ideally with a resolution of 1m - 10m	x	x	x
population and demographic data	x		x
ground control points		x	
land parcel identification system (LPIS) data			
geo-spatial aid application (GSA) data			
ground motion and/or single structure/building displacement meas			
phenological observations			
national forest inventories			



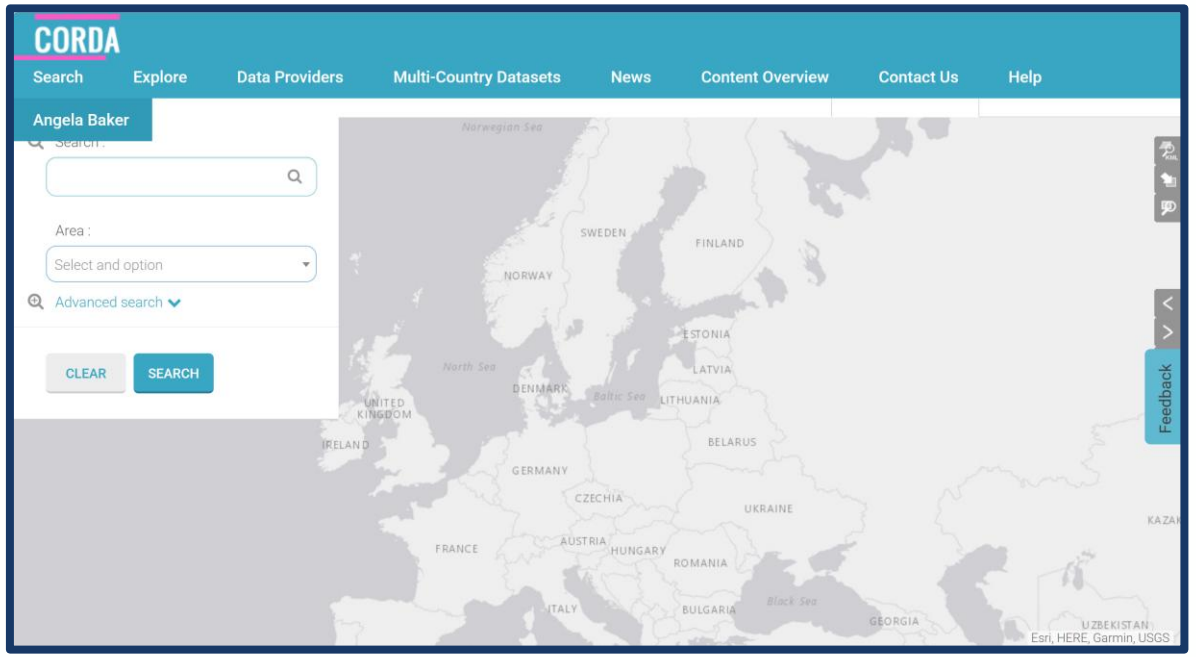
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ECRM EuroCoreReferenceMap

CORDA

CORDA provides a centralised gateway or a **single-entry point node** for accessing the geospatial reference data from the European countries participating in the Copernicus program.

The **European Environment Agency** ensures that only authorised users, the Copernicus service providers, have access to the index of URLs containing relevant national and regional reference data and services.



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The importance of licensing your data to Copernicus Services

- Without in-situ data, the Copernicus Programme simply cannot deliver its data, products and services
- Access to your official data helps meet end user requirements regarding content and quality
- The process developed enables better access to members data and allows for more members data to be included to the Copernicus Services
- Multi-Country datasets
- Ensure that the three services are using official data and not unofficial sources where applicable
- It also allows for increased data delivery from EuroGeographics members in the future
- Ensuring that National Mapping, Cadastral and Land Registration Authorities are recognised for their essential contributions to Copernicus

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OME and OME2 projects: Successfully translated EU rules for high-value geospatial information into useable cross-border data

- Rules on High-Value Data
- Open Data Directive
- EU Data Strategy - Data Spaces
- INSPIRE Directive
- UNGGIM: Europe Core Data Recommendations





Innovation in data access, integration, and harmonisation

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OME2

Production process and prototype for harmonised large-scale data

Aligned to EU Policy objectives and UN core geospatial data recommendations

Foundation for future pan-European high-value datasets

EU funded Project concluded 31st Dec 2025

ECRM



Self funded project Jan 1st 2026 – Dec 31st 2028

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EuroCoreReferenceMap
A one-of-kind dataset with a unique proposition

The **only high-value large-scale pan-European** dataset:

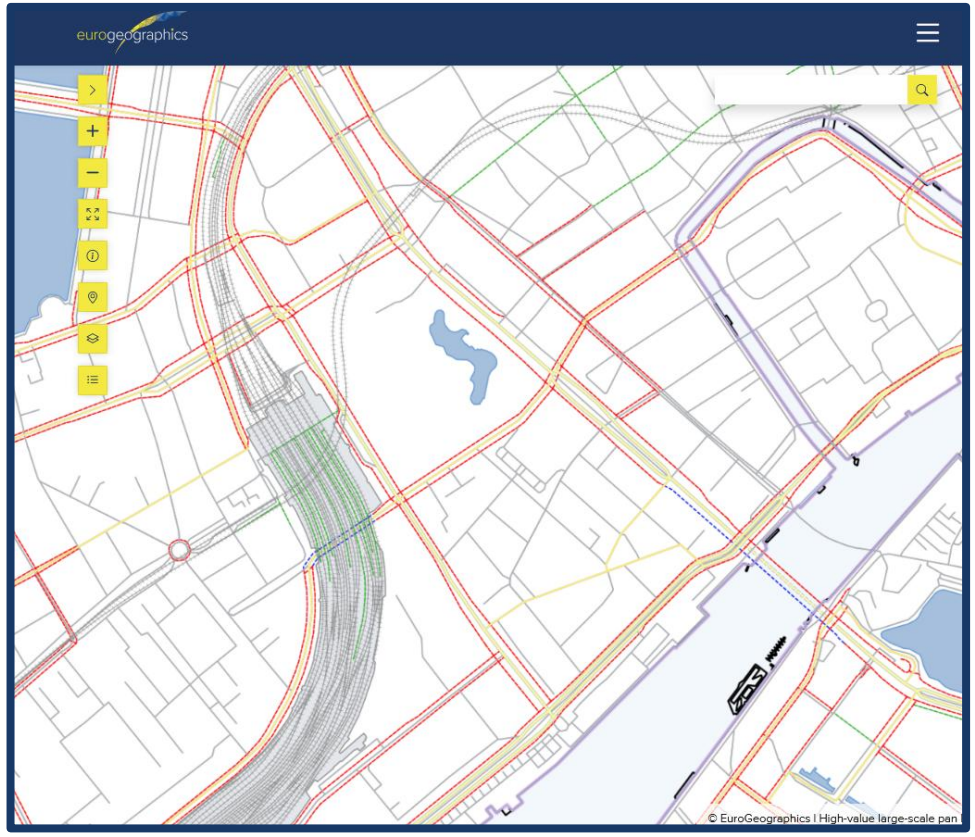
- Developed through a **unique production process underpinned by national expertise** in integration of core geospatial data.
- Created using **authoritative national data and offering initial EU27+CH coverage** with a vision to use data from all members which cover geographical Europe.
- **Harmonised and edge-matched** to deliver the data that users have said they need and want: administrative boundary, transport network, hydrography.
- **Licensed to end users** to enable as much coverage and data inclusion as possible

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Value Proposition for EuroCoreReferenceMap

Euro Core Reference Map (ECRM): Creating a new authoritative foundation for cross-border applications in Europe

- **Pan-European coverage (EU27 + X)**: harmonised and edge-matched data across national borders
- **Large-scale (~1:10 000)**: consistent high-resolution topographic information
- **Authoritative data**: trusted official sources from national mapping agencies
- **3 themes:** Admin, Hydro and Trans
- **Licensed:** coverage, users, sustainability

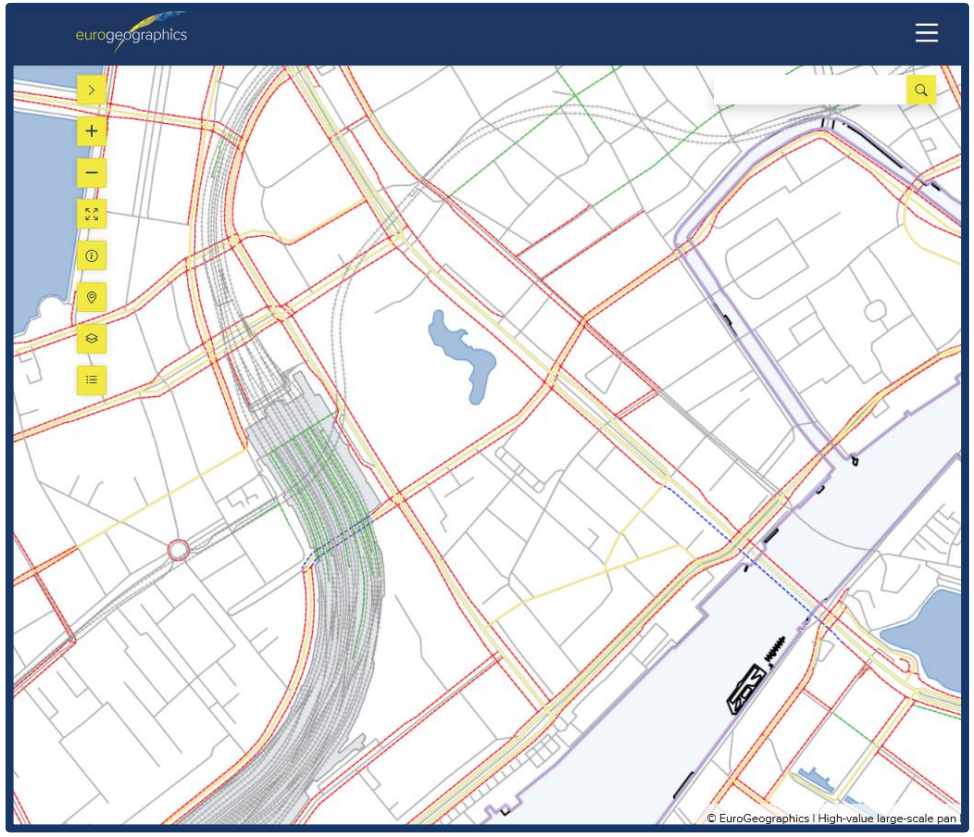


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Value Proposition for EuroCoreReferenceMap

- **Licensed:** coverage, users, sustainability





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Thank you for your attention!



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