



D4.3 - YEARLY UPDATES FOR EBM, ERM, EGM 1

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Abstract

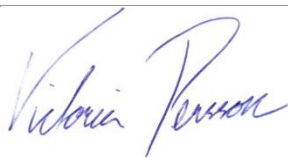
Yearly updates of the existing pan-European datasets have been provided on the OME Platform and thus as public, aside from EBM, which is not an open data dataset at this stage and for the purposes of this project used only in the creation of the ERM and EGM boundary theme.

Key Words

OME2, Open Maps For Europe, pan-European datasets.

Information Table

Project information	
PROJECT ID	101100625
PROJECT FULL TITLE	Open Maps for Europe 2
PROJECT ACRONYM	OME2
FUNDING SCHEME	DIGITAL-SIMPLE
START DATE OF THE PROJECT	1 st January 2023
DURATION	36 months
CALL IDENTIFIER	DIGITAL-2022-CLOUD-AI-02

Deliverable information	
DELIVERABLE No AND TITLE	D4.3 - Yearly updates for EBM, ERM, EGM
TYPE OF DELIVERABLE¹	DATA
DISSEMINATION LEVEL²	PU – Public
BENEFICIARY NUMBER AND NAME	999646111 IGN France
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WORK PACKAGE No	4
WORK PACKAGE LEADER WP LEADER VALIDATION DATE	IGN France 19 th December 2023
COORDINATOR VALIDATION DATE	19 th December 2023
COORDINATOR SIGNATURE	

¹ Use one of the following codes: R=Document, report (excluding the periodic and final reports)

DEM=Demonstrator, pilot, prototype, plan designs

DEC=Websites, patents filing, press & media actions, videos, etc.

OTHER=Software, technical diagram, etc.

ORDP : Open Research Data Pilot

²Use one of the following codes: PU=Public, fully open, e.g. web

CO=Confidential, restricted under conditions set out in Model Grant Agreement

CI=Classified, information as referred to in Commission Decision 2001/844/EC.

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Introduction

EuroGeographics datasets EuroGlobalMap (EGM), EuroRegionalMap (ERM), a digital elevation model of Europe (EuroDEM), and Open Gazetteer (Gazetteer) have been updated on the Open Maps For Europe (OME) interface during year 2023.

EGM

As is documented on the OME interface information page for EGM [Euro Global Map | Eurogeographics \(mapsforeurope.org\)](https://mapsforeurope.org/euro-global-map/), the dataset was updated in March 2023. Screenshots from the interface can be seen below. Documentation relevant to the dataset including user guide, technical specifications, lineage- and attribution documents, and the updates document were updated as well.

EuroGlobalMap

[Access Data](#)
[View on Map](#)

EuroGlobalMap is a 1:1 million scale topographic dataset covering 55 countries and territories in the European region. EuroGlobalMap is perfect for cartographic visualisation across Europe and can enable a wide range of applications from planning, monitoring and network analysis to presenting environmental policies.

Last Update

03/2023

Themes

Administrative Boundaries, Hydrography, Named Location, Settlement, Transportation

Coordinate System

Decimal degrees ETRS89-WGS84

Available Formats

Web Services
WFS, WMS, WMTS


Download

GeoPackage - 372.3Mb zip
Shapefile - 327.1Mb zip

Dataset Documentation

[User Guide](#)
[Technical Specification](#)
[Lineage](#)
[Attribution Document](#)
[Updates](#)

Coverage



Albania	Lithuania
Andorra	Luxembourg
Austria	Malta
Belgium	Martinique
Bosnia and Herzegovina	Mayotte
Bulgaria	Moldova
Croatia	Monaco
Cyprus	Montenegro
Czechia	Netherlands
Denmark	North Macedonia
Estonia	Northern Ireland
Faroe Islands	Norway
Finland	Poland
France	Portugal
French Guiana	Romania
Georgia	Réunion
Germany	Saint Barthélemy

ERM

As is documented on the OME interface information page for ERM [Euro Regional Map | Eurogeographics \(mapsforeurope.org\)](https://mapsforeurope.org/), the dataset was updated in May 2023. Screenshot from the interface can be seen below. Documentation relevant to the dataset including technical specifications serving as user guide, and lineage- and attribution documents were updated as well.

EuroRegionalMap [Access Data](#) [View on Map](#)

EuroRegionalMap is a pan-European dataset containing topographic information at the scale 1:250 000. It is a seamless and harmonised dataset ideal for a wide range of uses, including spatial analysis, cartographic publishing and backdrop visualisation, or in combination with other datasets for marketing planning and socio-economic analysis, environmental analysis, and transport management.

Last Update
05/2023

Themes
Administrative Boundaries, Hydrography, Miscellaneous, Named Location, Settlement, Transportation, Vegetation and Soils

Coordinate System
Decimal degrees ETRS89-WGS84

Coverage

Available Formats

Web Services
WFS, WMS, WMTS



Download
GeoPackage - 3.0Gb zip
FileGeodatabase - 1.2Gb zip
Shapefile - 2.6Gb zip

Dataset Documentation
[Technical Specification \(serves as User Guide\)](#)
[Lineage](#)
[Attribution Document](#)

Andorra	Lithuania
Austria	Luxembourg
Belgium	Malta
Croatia	Martinique
Cyprus	Mayotte
Czech Republic	Moldova
Denmark	Monaco
Estonia	Netherlands
Faroe Islands	North Macedonia
Finland	Northern Ireland
France	Norway
French Guiana	Poland
Georgia	Portugal
Germany	Réunion
Gibraltar	Saint Barthélemy
Great Britain	Saint Martin (French)
Greece	San Marino
Guadeloupe	Sint Maarten (Dutch)
Guernsey	Slovakia

EuroDEM

As is documented on the OME interface information page for EuroDEM [Euro Dem | Eurogeographics \(mapsforeurope.org\)](https://mapsforeurope.org/), the dataset was updated in November 2023. Screenshot from the interface can be seen below. In this new version, authoritative national data has replaced MERIT STRM data for Northern Ireland. Documentation relevant to the dataset was also updated and restructured to be in line with ERM documentation structure. The EuroDEM documentation now includes technical specifications serving as user guide, and lineage- and attribution documents.





EuroDEM

[Access Data](#)
[View on Map](#)

EuroDEM (digital elevation model) describes the distribution of terrain or 'bare earth' heights, not including 'first surface' elevations such as vegetation and man-made structures. It is ideal for environmental change research, hydrologic modelling, resource monitoring, monitoring mapping and visualisation.

Coverage



Last Update

11/2023

Coordinate System

Geodetic Datum horizontal: ETRS89, Geodetic Datum vertical: EVRS

Available Formats

Web Services

WMS, WMTS

Download

Tiff - 2.3Gb zip

Dataset Documentation



[Technical Specification and User Guide](#)
[Lineage](#)
[Attribution Document](#)

Albania	Lithuania
Andorra	Luxembourg
Austria	Malta
Belgium	Moldova
Bosnia and Herzegovina	Monaco
Bulgaria	Montenegro
Croatia	Netherlands
Cyprus	Norway
Czech Republic	Poland
Denmark	Portugal
Estonia	Republic of North Macedonia
Finland	Romania
France	San Marino
Germany	Serbia
Gibraltar	Slovakia
Greece	Slovenia
Hungary	Spain
Iceland	Sweden

Gazetteer

As is documented on the OME interface information page for the Gazetteer [Open Gazetteer | Eurogeographics \(mapsforeurope.org\)](#), the dataset was updated in November 2023. Screenshot from the interface can be seen below. Documentation relevant to the dataset including technical specifications, attribution documents, and a list of references were updated as well.

A malfunction was detected in the WFS service. It was also noticed that the WFS service only has had 3 users since the beginning of the project. Due to the nature of the dataset, WFS may not be the ideal service for the Open Gazetteer. The WFS service was therefore not updated in 2023. The malfunction will be amended in 2024 and the service will then be monitored for 6 months to assess the impact on user numbers. A decision will then be taken regarding whether or not to keep the WFS service for the dataset.

Open Gazetteer

[Access Data](#)
[View on Map](#)

The Open Gazetteer provides authoritative geographical names as maintained in the source data of the NMCAs. It can be used for any reference or information purpose.

Last Update

11/2023


Themes

Administrative Boundaries, Hydrography, Named Location, Protected Sites, Settlement, Transportation

Coordinate System

- Datum: European Terrestrial Reference System 1989 (ETRS89),
- Coordinate reference system: two-dimensional geodetic coordinates (latitude and longitude) based on ETRS89 and using the parameters of the GRS80 ellipsoid (EPSG code 4258).

Coverage



Available Formats

Web Services

WFS, WMS, WMTS

Download

Geopackage - 124.0Mb zip

Dataset Documentation

[Technical Specification](#)
[Attribution Document](#)
[List of References](#)

Albania	Kosovo*
Andorra	Latvia
Austria	Liechtenstein
Belgium	Lithuania
Bulgaria	Luxembourg
Croatia	Malta
Cyprus	Martinique
Czech Republic	Moldova
Denmark	Monaco
Estonia	Netherlands
Faroe Islands	North Macedonia
Finland	Northern Ireland
France	Norway
French Guiana	Poland
Georgia	Portugal
Germany	Réunion
Gibraltar	Saint Barthélemy

Summary

EuroGeographics datasets ERM, EGM, EuroDEM and Gazetteer have been updated and made available on the OME interface, thus completing OME2 Deliverable D4.3.