

# Open maps for Europe

Réaliser le potentiel de la géodata officielle

Léa Bodossian

Secrétaire Générale et Directrice Exécutive EuroGeographics

EuroGeographics  
A quoi servent vos données ?  
Comment répondre aux besoins futurs?  
Comment atteindre cet objectif ?





# CONNECTING YOU TO MAPS, GEOSPATIAL AND LAND INFORMATION FOR EUROPE



#MAPSFOREUROPE

**60+**   **members** from the whole of geographical Europe

## EUROGEOGRAPHICS ACTIVITIES

Well-established network for sharing knowledge, expertise and access to data



Sharing experiences and best practice



Representing our members interests



Fostering use and re-use of public sector geo-information

## MAPS, CADASTRE, AND MORE

Our members provide data to help protect people, the planet and so much more



Environmental monitoring & management



Real-time data for pandemic response



Smarter, sustainable agriculture



Cleaner, safer, intelligent transport



Emergency responses



Aerial survey

## TRUST & RELIABILITY

Our members empower society with trusted geospatial services



Trusted daily everywhere for secure ownership transactions, diligent policy elaboration and monitoring



Relied on by European institutions and UN, governments, businesses and citizens

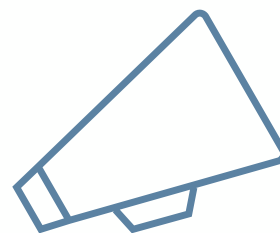


Registered on the EU Transparency Register and bound by its code of conduct

# Swisstopo & EuroGeographics



Schweizerische Eidgenossenschaft  
Confédération suisse  
Confederazione Svizzera  
Confederaziun svizra



**CLRKEN** (Cadastre & Land Registry Knowledge Exchange Network) – PolKEN – QKEN – PosKEN – BIKEN – KEN  
INSPIRE – KEN Copernicus SBE Forum – Webinar Series.



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## A quoi servent vos données ?

Utilisateurs – Quelles bases de données? – Quels usages?



# Qui sont les utilisateurs ?

Eurostat.



Tous les services de  
La Commission  
européenne et ses  
agences

Nations Unies



SALB  
Deuxième Niveau  
Administratif

Autres utilisateurs

Entreprises, ONG,  
recherche



# Quelles bases de données ?



EuroBoundaryMap  
1:100,000



EuroRegionalMap  
1:250,000



EuroGlobalMap  
1:1,000,000



EuroDEM



Open Cadastral Map



# Quelles bases de données ?



EuroBoundaryMap  
1:100,000



EuroRegionalMap  
1:500,000



EuroGlobalMap  
1:1,000,000



EuroDEM



Open Cadastral Map





# Quels usages?



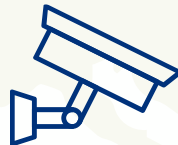
Elaboration de politiques



Suivi & mise en oeuvre des politiques



Besoins statistiques



Surveillance



# Un momentum pour la géodata...



Gestion des zones sensibles (natura 2000)



Developper le transport intelligent



Nouveaux usages



Smart cities



Gestion et suivi des catastrophes



Corridors humanitaires



Pesticides et maladies



Evolution des sols



Resilience climatique



Energies renouvelables



Suivi des cultures & récoltes



Green Tech, green finance...



Optimisation des reseaux de transport



Gestion et suivi des maladies

...

Comment répondre aux besoins futurs?

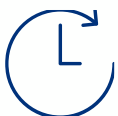




**Officielle**



**Grande échelle**



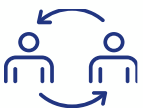
**Mise à jour**



**Harmonisée**



**Continue**



**interopérable**



## La base de données idéale



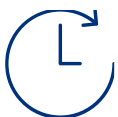




**Officielle**



**Grande échelle**



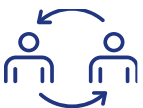
**Mise à jour**



**harmonisée**



**Intégrée**



**interopérable**

**Construite sur la base des données de nos membres**

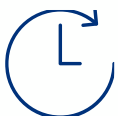




**Officielle**



**Grande échelle**



**Mise à jour**



**harmonisée**



**Intégrée**



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**Construite sur la base des données de nos membres**

**Pour répondre à ces besoins en constante évolution, et au bénéfice des européens**

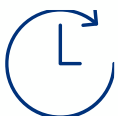




**Officielle**



**Grande échelle**



**Mise à jour**



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**Construite sur la base des données de nos membres**

**Pour répondre à ces besoins en constante évolution, et au bénéfice des européens**

**Où EuroGeographics est un facilitateur**



## Comment atteindre cet objectif ?

MAINTENANT : EBM – OME- GUICHET UNIQUE  
A PARTIR DE 2023: OME2 & pérennisation



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# EBM : Commission européenne (via Eurostat)

EuroBoundaryMap



# Open Maps for Europe

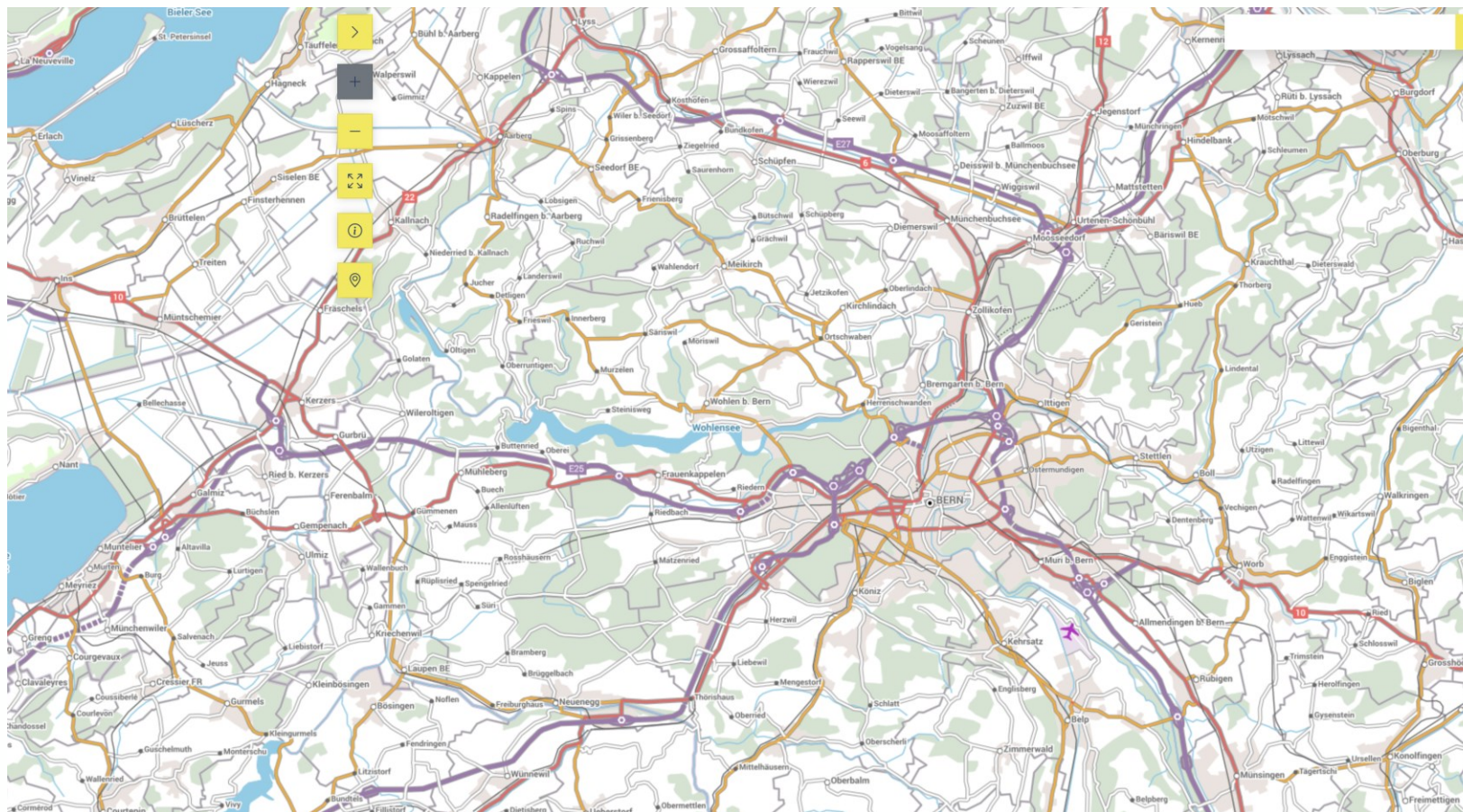


Ouvrir des bases de données  
Disposer d'une plateforme

[mapsforeurope.org](https://mapsforeurope.org)

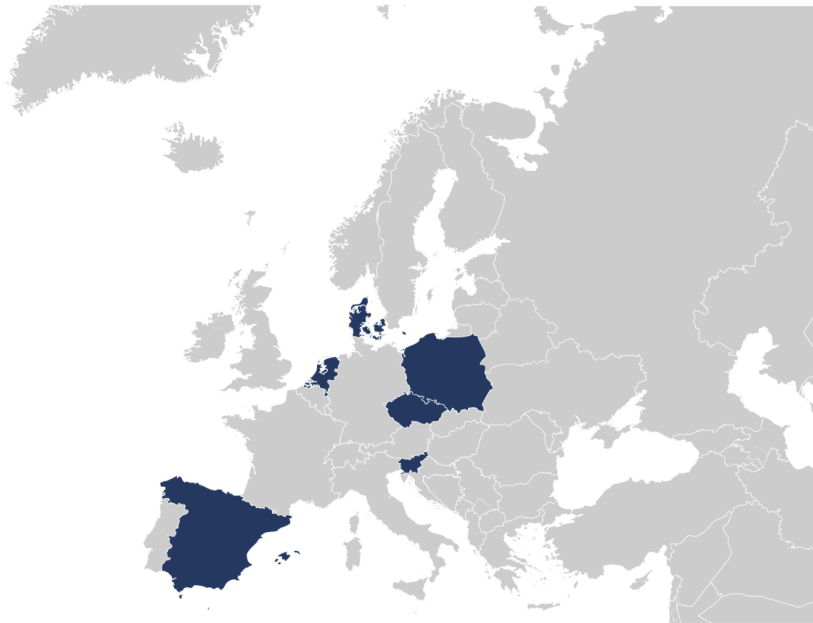






# Open Cadastral Map

## Couverture actuelle



Czech Republic  
Denmark  
Netherlands

Poland  
Slovenia  
Spain



“To meet end user requirements regarding data content and quality, Copernicus Services need easy access to open, up-to-date, and harmonised geospatial information across Europe.

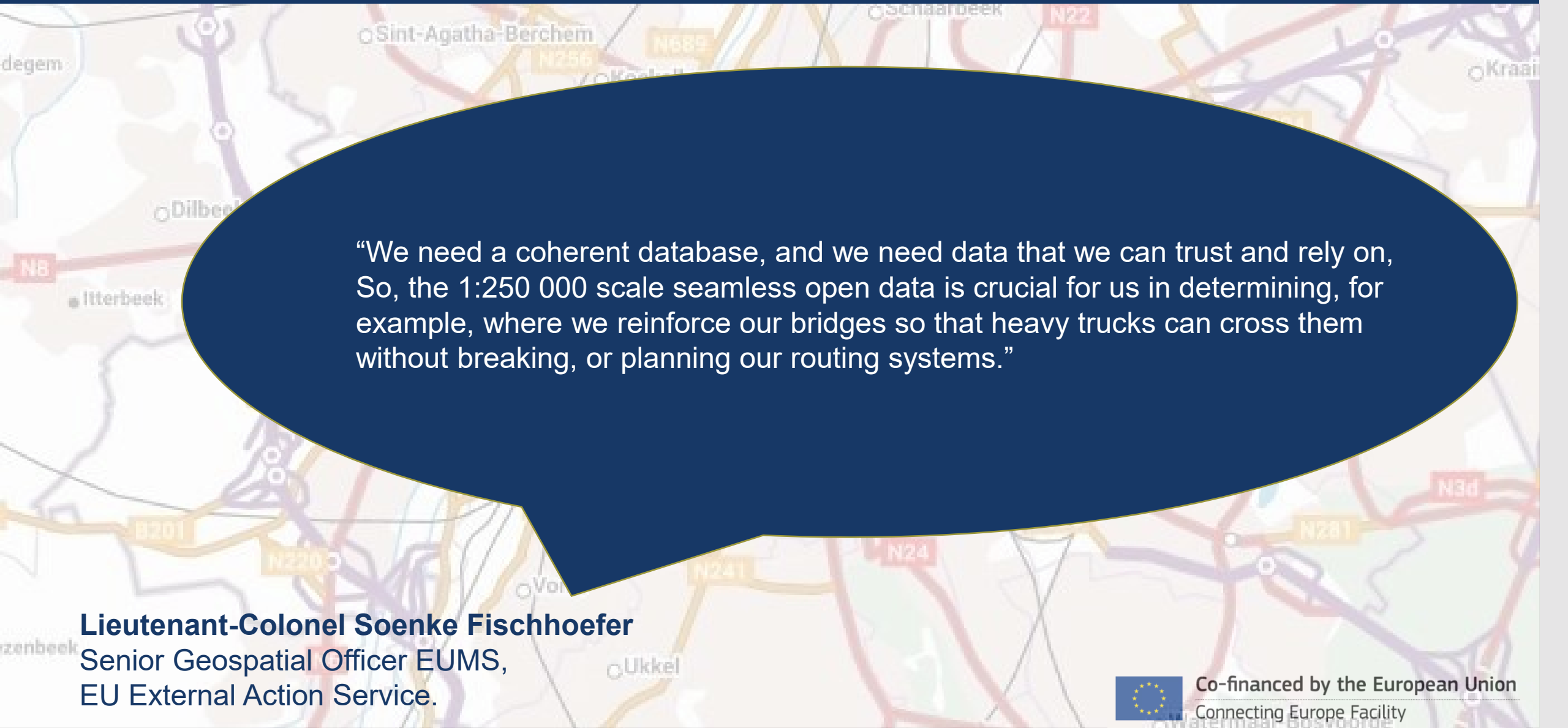
We are using Open Maps For Europe web services as it enables our users to use EuroRegionalMap as a selectable background map in the new European Ground Motion Service data viewer and we fully support the ambition to include map data from all Copernicus Participating States in future releases.”

**Henrik Steen Andersen**  
Contract Manager



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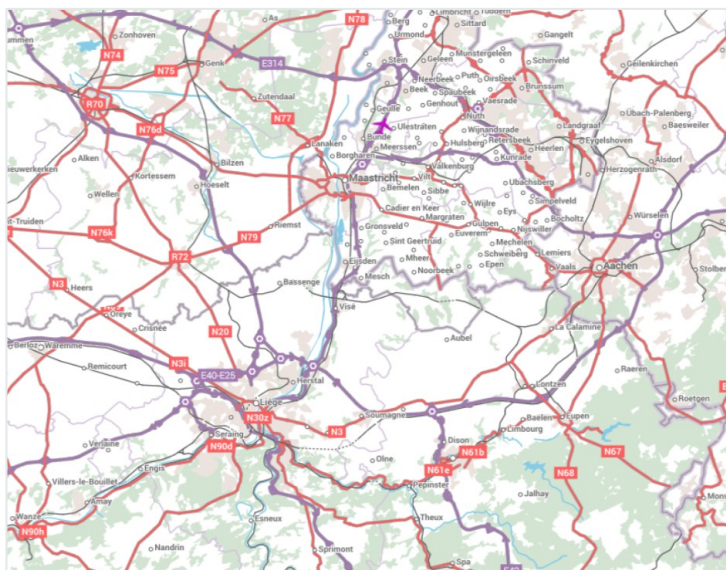
“We need a coherent database, and we need data that we can trust and rely on, So, the 1:250 000 scale seamless open data is crucial for us in determining, for example, where we reinforce our bridges so that heavy trucks can cross them without breaking, or planning our routing systems.”

**Lieutenant-Colonel Soenke Fischhoefer**  
Senior Geospatial Officer EUMS,  
EU External Action Service.



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## Success



## Access Data

Please select the datasets you want, and then review and accept the [licence terms](#) and enter your e-mail address. We will send you a download link and/or instructions for connecting to the service.

If you have any queries, please go to our [FAQ's](#)



### EuroGlobalMap

GeoPackage - 237.1Mb zip  
Shapefile - 205.7Mb zip  
WFS, WMS, WMTS  
Last Update: 10/2020

☐ Download ☐ Web Service



### EuroRegionalMap

GeoPackage - 2.9Gb zip  
File GDB - 1.2Gb zip  
Shapefile - 2.6Gb zip  
WFS, WMS, WMTS  
Last Update: 04/2021

☐ Download ☐ Web Service



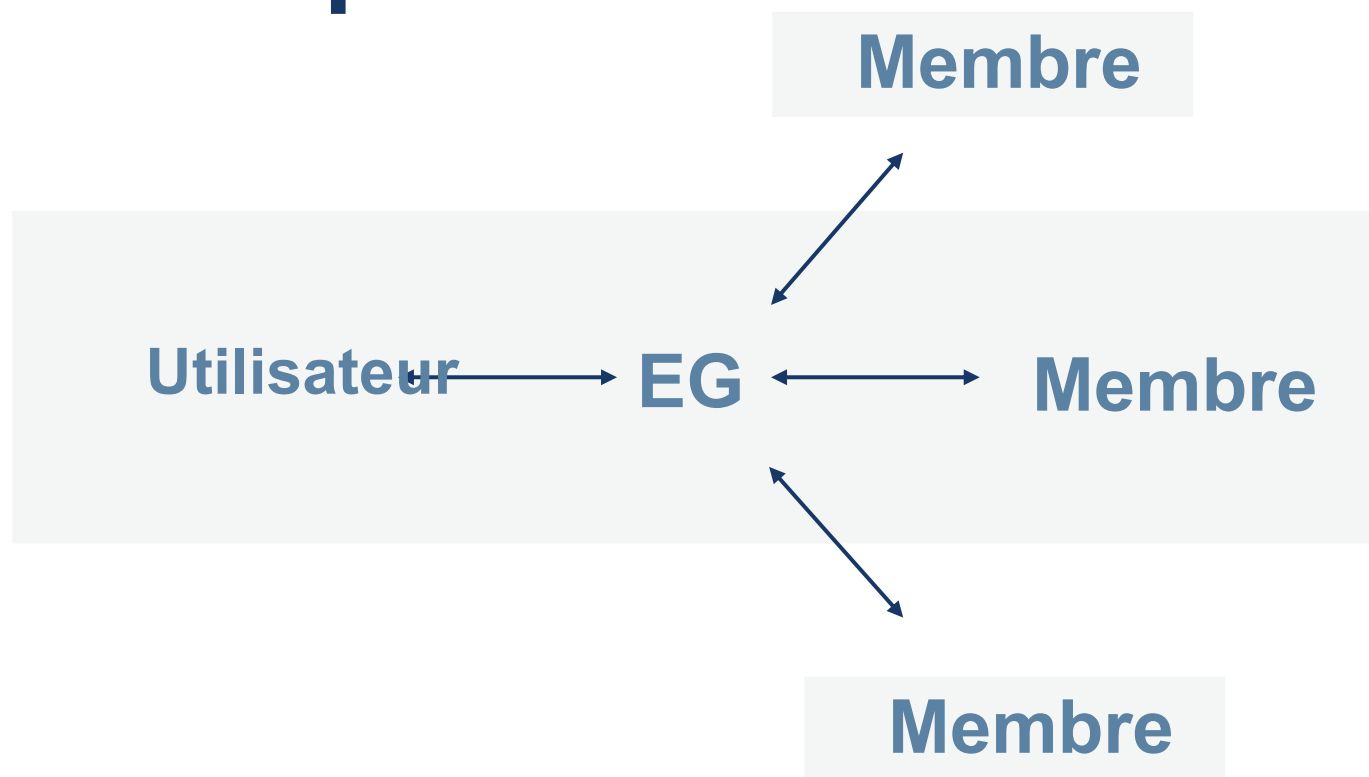
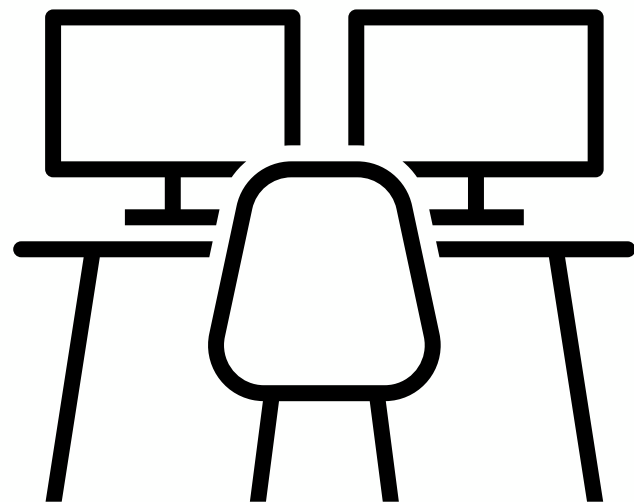
### EuroDEM

Tiff - 2.5Gb zip  
WMS, WMTS  
Last Update: 04/2008

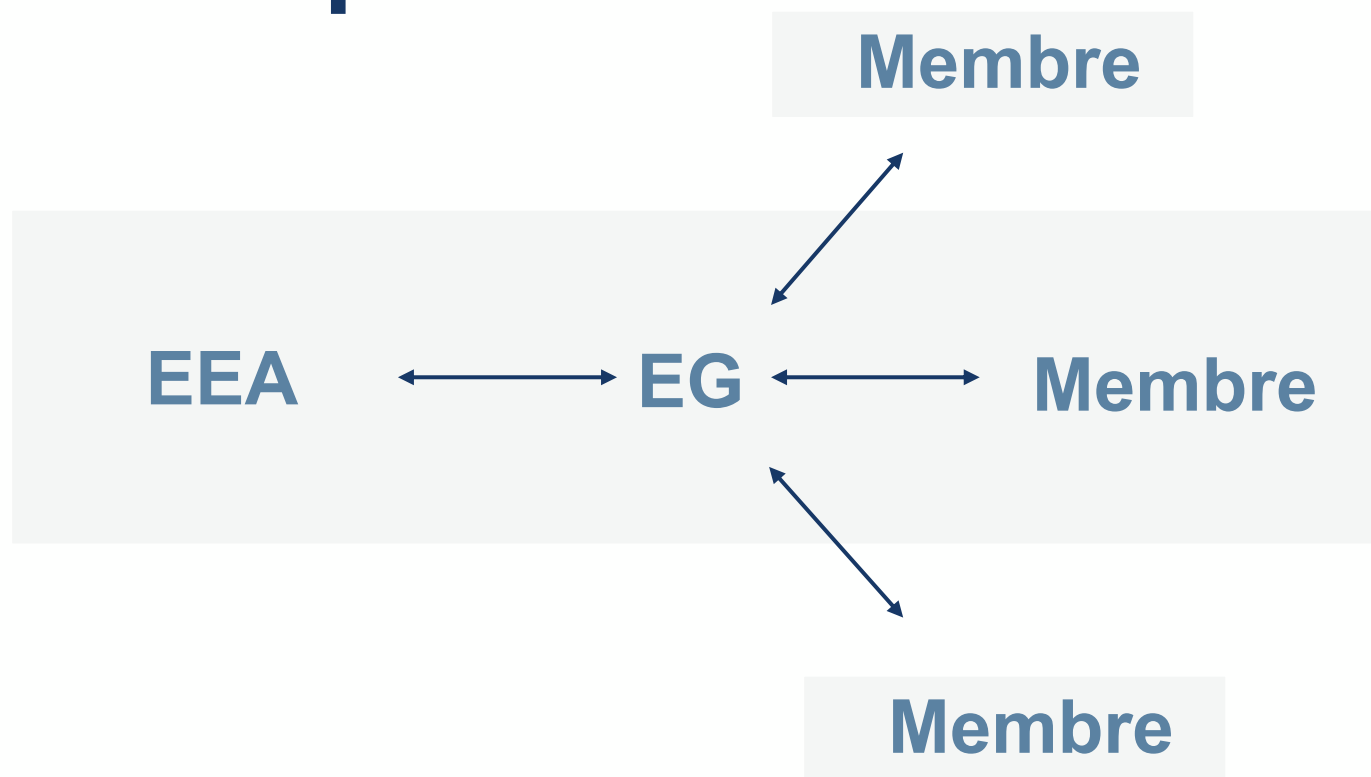
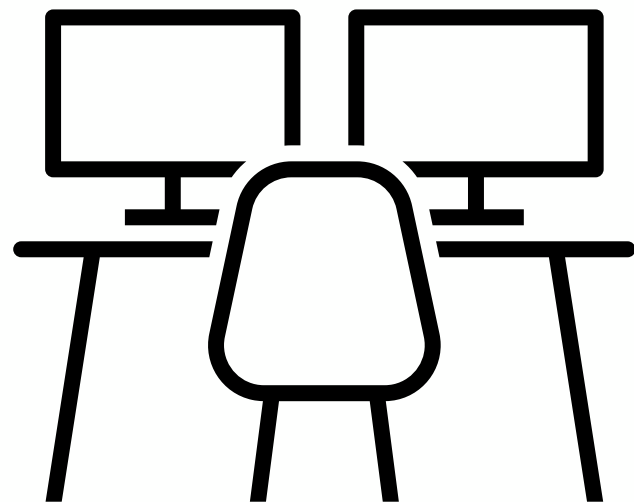
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# Fournir un Guichet unique



# Fournir un Guichet unique





# Open Maps for Europe 2



**Automatiser les processus,  
Passer à une grande échelle**



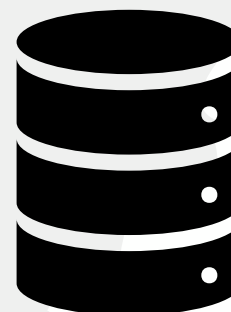
## OME2: PROOF OF CONCEPT THAT IT IS POSSIBLE TO CREATE LARGE SCALE AUTHORITATIVE DATASETS (2023-25)



Collecter les données



Les mettre aux  
spécifications



Les rendre disponibles

User 1

User 2

User 3

User 4...



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## OME2: PROOF OF CONCEPT THAT IT IS POSSIBLE TO CREATE LARGE SCALE AUTHORITATIVE DATASETS (2023-25)



Collecter les données

### Open data and PSI Directive

Definitions

Processing of requests for re-use

Conditions for re-use

Principles governing charging

Transparency

Standard license

Non discrimination and fair trading

Thematic categories of high-value datasets

1. Geospatial
2. Earth observation and environment
3. Meteorological
4. Statistics
5. Companies and company ownership
6. Mobility



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**Tout se fait grâce à vous**

**Tout se fait fait pour le bien commun**

**Vos données sont essentielles**

