

The background of the slide is a photograph of a geological rock face with various textures and colors, including shades of brown, tan, and blue. Overlaid on the right side of the image is a semi-transparent map of Europe, with white lines delineating the borders of the countries. The map is tilted slightly to the right.

Open Maps for Europe - as part of a larger European open data strategy

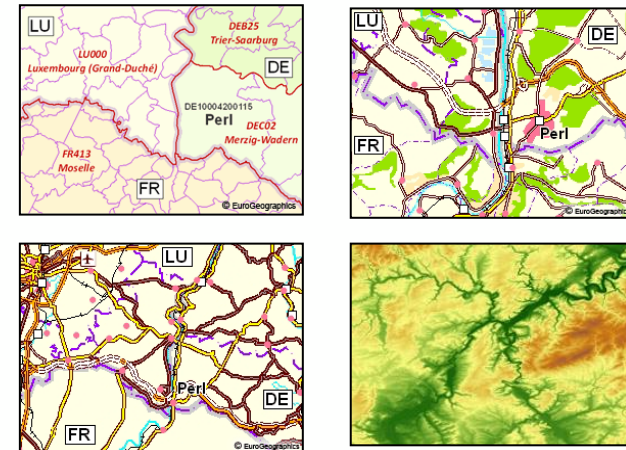
Angela Baker
Programme Manager – Data Access
and Integration

Content

- Background
- Open Maps for Europe Project
- EuroGeographics EU Projects strategy

Changing Landscape

- End users demand more open data
- Less customers willing to pay to use our datasets
- End users can fulfil many of their requirements from other open datasets e.g. Open Street Map, Google
- European Commission decided to not license the 1:250K topographic dataset
- Many members have opened their national datasets



Led to a review of the Data Strategy 2019

Open Maps for Europe – CEF Bid

Total cost of bid = €717,838

75% funding = €538,379

(over a 3-year period: 1 January 2020 to 31 December 2022)

- **Key part of our Strategic Direction for Data Access**
- Helps lay foundations for case for sustainable funding of your authoritative pan-European data
- Highlights your relevance in delivering Open Data and the Re-Use of Public Sector Information Directive
- EuroGeographics is the project coordinator; NGI Belgium is the project partner



Meeting EU objectives

Our project directly supports and delivers in EU policy objectives by:

- **Making more data available** free of charge, for use and reuse;
- **Ensuring a level-playing field for all re-users**, by applying a consistent open data policy and open data licence;
- Improving **re-usability of data from a technical perspective** by simplifying access through national and European portals, and by the provision of APIs;
- **Reducing costs of data to increase its re-use, and removing integration costs from users.**

Project Activities

1. Extension of harmonised open data licenses to cover ERM and EuroDEM
2. Production of open pan-European harmonised datasets
3. Enhancement and development of the Open ELS developed user interface to include access to the ERM and EuroDEM open datasets
4. Dissemination, impact and sustainability
5. Project Management

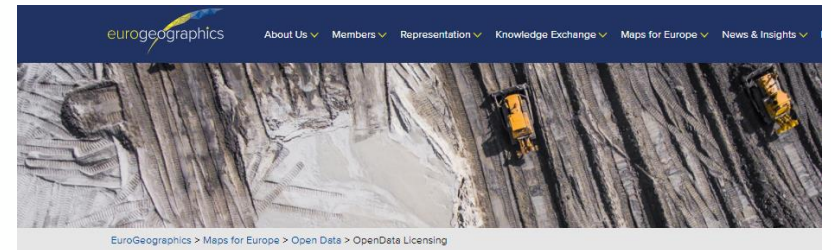
Activity 1 - Extension of harmonised open data licences to cover ERM and EuroDEM

This activity includes two main parts:

- Making ERM and EuroDEM available as open datasets
 - Gaining members' permission
 - Concluding existing customer contracts

The activity will result in the following outputs:

- Legal permission to allow EuroGeographics to offer ERM and EuroDEM as open datasets from **31st August 2021**
- A confirmed pathway to support EuroGeographics current end users, Distributors and VARs to continue to use ERM and EuroDEM as open data



OpenData Licensing

EuroGeographics Open Data Licence

This licence governs your access to and use of EuroGlobalMap made available at <https://eurogeographics.org/maps-for-europe/open-data/topographic-data/> by EuroGeographics. EuroGeographics AISBL is an international non-profit association under Belgian law, with registered offices at Rue du nord/Noordstraat 76, 1000 Brussels, Belgium.

The Product (as defined below) is protected by copyright and other applicable laws. The Product is provided under the terms of this licence, which you accept by using the Product and accepting the terms of the licence.

Definitions

In this licence, the terms below have the following meanings:

- The "Product" means the EuroGlobalMap and the associated data, protected by international copyright and/or the

Activity 1 – Success and Challenges

✓ We have enough coverage to launch these datasets as open in August

ERM	
Total Data providers	37
Confirmed	23
In progress	6
Issue	2
No answer	3
Cannot give permission	3

EuroDEM	
Total Data providers	32
Confirmed	22
In progress	4
Issue	2
No answer	3
Cannot give permission	1
SRTM open data	5

Gazetteer	
Data providers	41
Open ELS permission	29
New permissions	6
No answer	4
Cannot give permission	2

- All ERM / EuroDEM customers, distributors and VARs have been contacted notifying them that these datasets will become open

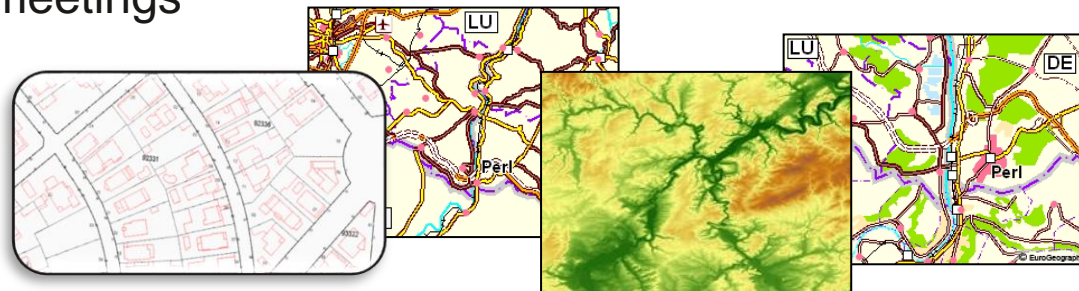
Activity 2 - Production of open pan-European harmonised datasets

This activity includes work on EGM, ERM, Regional Gazetteer, Imagery Service, EuroDEM, Cadastral Index Map:

- Coverage (in terms of EGM, ERM, Gazetteer and CIM)
- Accessibility – through the user interface as services and downloads
- Continued Production Management

The activity will result in the following outputs:

- Production and continued supply chain of the open datasets, ERM, EGM, and EuroDEM
- Increased coverage of the Regional Gazetteer
- A new supply chain to include Imagery and the Cadastral Index Map (CIM)
- Annual Data producer meetings

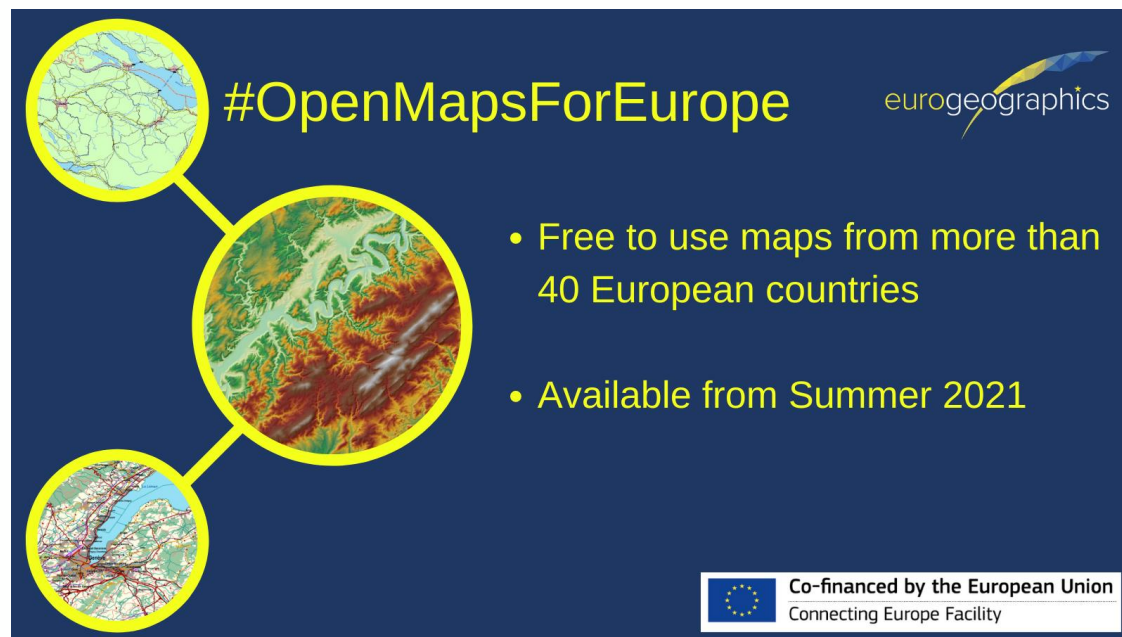


Activity 2 - Success and Challenges

Production for ERM and EBM remains the SAME


If you cannot provide permission to make data open we will still be able to license national datasets

- **EuroRegionalMap** – BKG will provide an open version for the release in August
- **EuroDEM** - BKG will provide an open version for the release in August
- **Gazetteer** – BKG will update the coverage of the Gazetteer for the release of the gateway
- **Imagery** – BKG have provided the sub-contractor with links to the imagery dataset
- **EuroGlobalMap** – Provided by IGN Fr



#OpenMapsForEurope

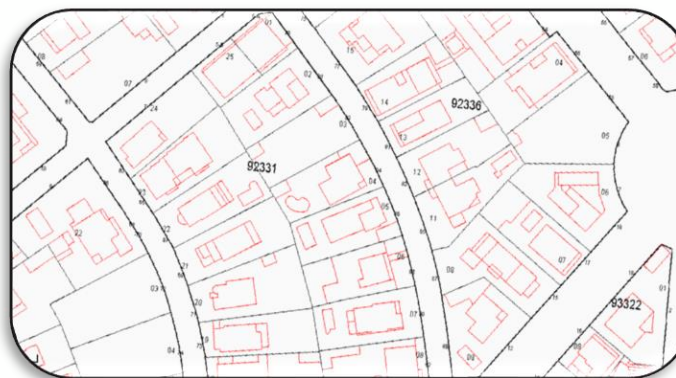
- Free to use maps from more than 40 European countries
- Available from Summer 2021

 Co-financed by the European Union
Connecting Europe Facility

Activity 2 – Cadastral Data

Aim: build an index of the cadastral themes

- Cadastral data will be released in Feb 2022
- Builds on the work completed in Open ELS but DOES NOT replicate it
- This offers something different to your National Services
- Proof of concept



Activity 2 – Cadastral Data

- WHY are we doing this?
 - Unique set of data that actually only you have
 - User have given us feedback this is something they want
 - Demonstrates what our members have and if people want it, they can be directed to the national dataset
 - Exploring a new way of doing this to enable a stable service that user can see and use
 - Supporting our Cadastral members in their aims



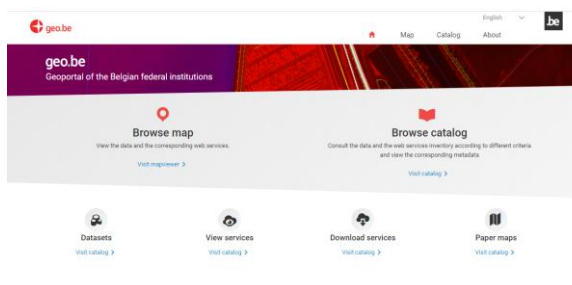
Activity 3 - Enhancement and development of the Open ELS developed user interface to include access to the ERM and EuroDEM open datasets

This activity will enhance the user interface developed under the Open ELS project:

- Improve visualisation, provide a map viewer and a search function using the Regional Gazetteer service.
- Discoverable and available through the user interface

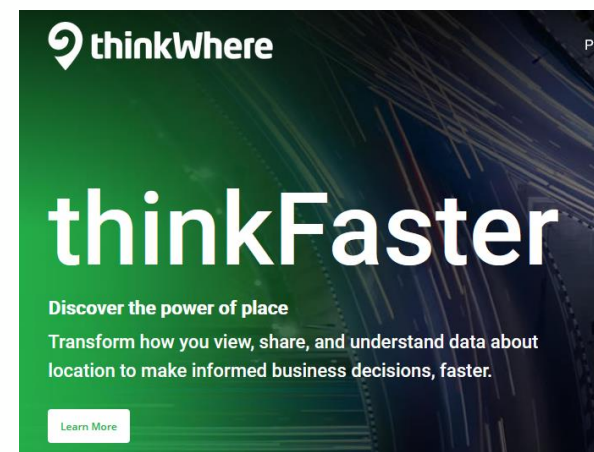
The activity will result in the following output:

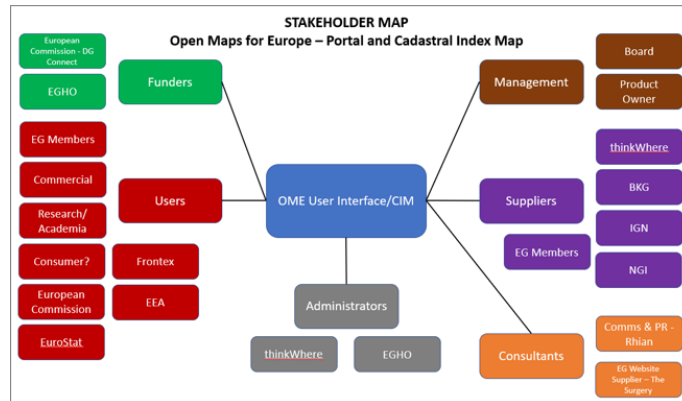
- Delivery of an enhanced gateway with access to discover, view and download open datasets, making these datasets discoverable and available through the Belgian geoportal and the European Data Portal.



Activity 3 – Success and Challenges

- ✓ Open tender run successfully to select Technical Subcontractor for user interface
- ✓ Sub contractor procured – thinkWhere – contract started Feb 2021
- ✓ Discovery sessions are all completed
 - Management
 - Data
 - User Interface
 - Cadastral (ongoing)
- ✓ User Interface design signed off
 - First version will be available by end of the summer





What are
YOUR
expectations ?



Name: Andrea Slater
Age: 29
Organisation: Ramboll
Job Title/Role: Environmental Consultant

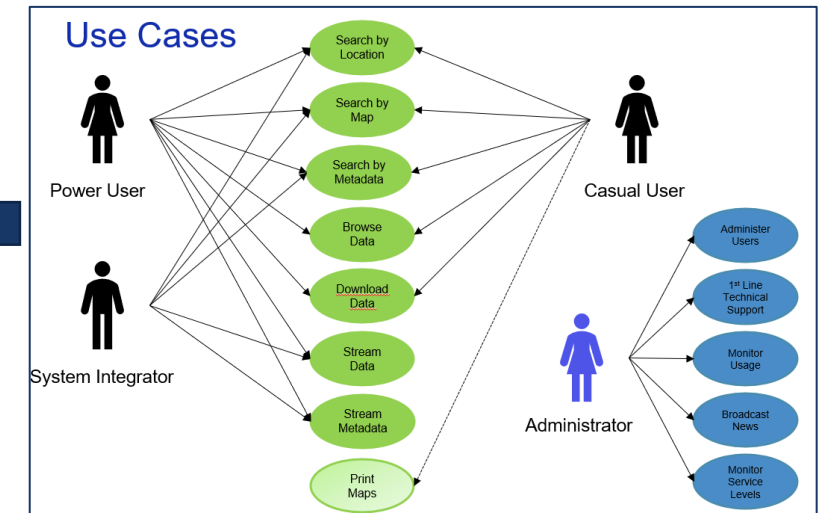
Bio:
Andrea is a trained Ecologist with 6 years experience in environmental consultancy, working with local government and commercial clients in the UK and internationally. Her work encompasses data analysis and the presentation of information through a variety of written and visual means. She has basic GIS skills but isn't highly technical.

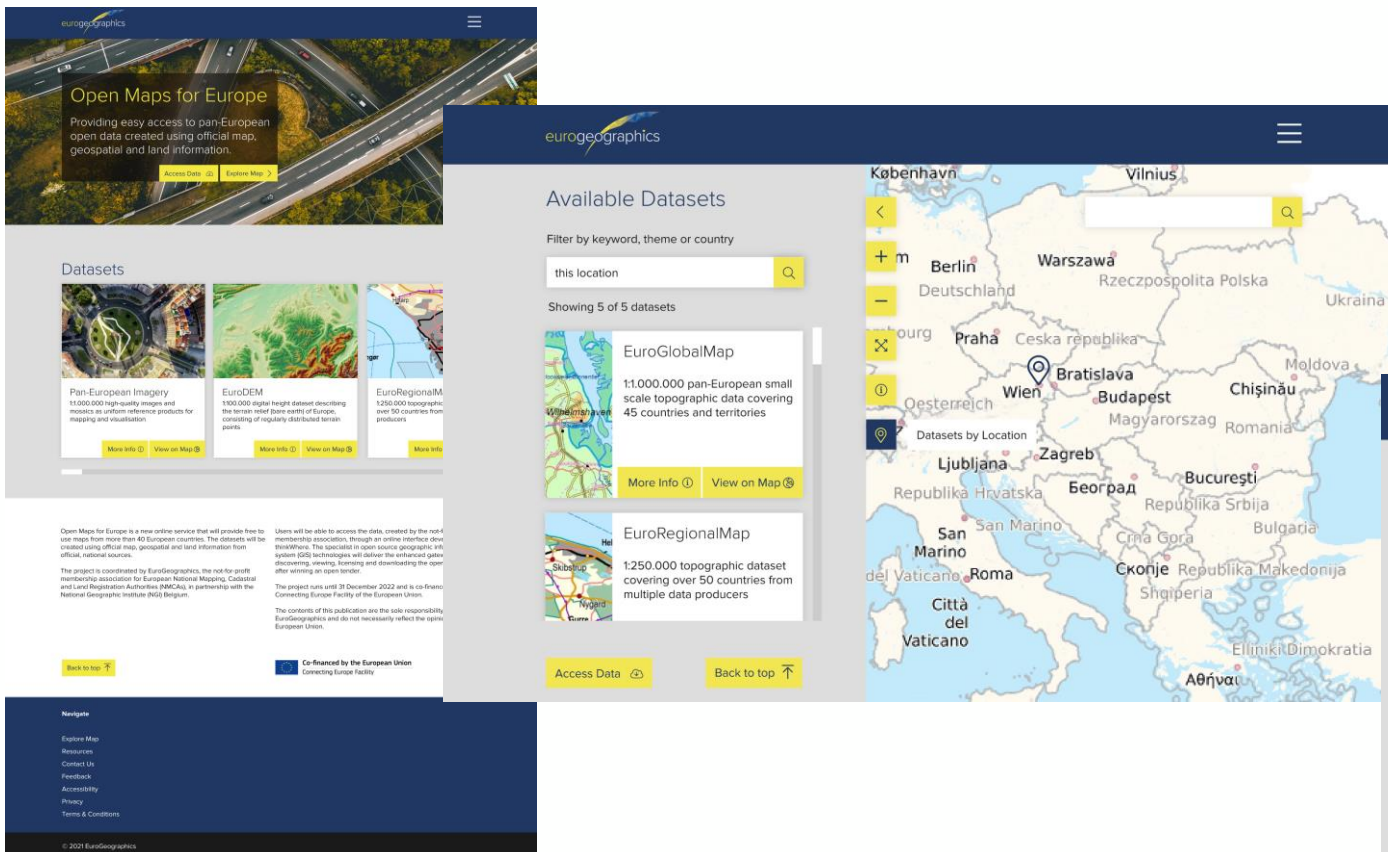
Goals:

- Easy browsing/searching of available datasets by theme/content and coverage
- Ability to preview data
- Access to high-level metadata and other resources including style guides/stylisheets
- Ability to download application ready-to-use data to deploy in GIS to support delivery of specific client projects

Skill Set

	Technical	GIS	Cartography	Web
Technical	●	●	●	●
GIS	●	●	●	●
Cartography	●	●	●	●
Web	●	●	●	●





Open Maps for Europe
Providing easy access to pan-European open data created using official map, geospatial and land information.

Available Datasets
Filter by keyword, theme or country
this location

Showing 5 of 5 datasets

- EuroGlobalMap**
1:1,000,000 pan-European small scale topographic data covering 45 countries and territories
- EuroRegionalMap**
1:250,000 topographic dataset covering over 50 countries from multiple data producers
- EuroDEM**
1:100,000 digital height dataset describing the terrain relief (bare earth) of Europe, consisting of regularly distributed terrain points

Open Maps for Europe is a new online service that will provide free to use maps from more than 40 European countries. The datasets will be created using official map, geospatial and land information from official, national sources.

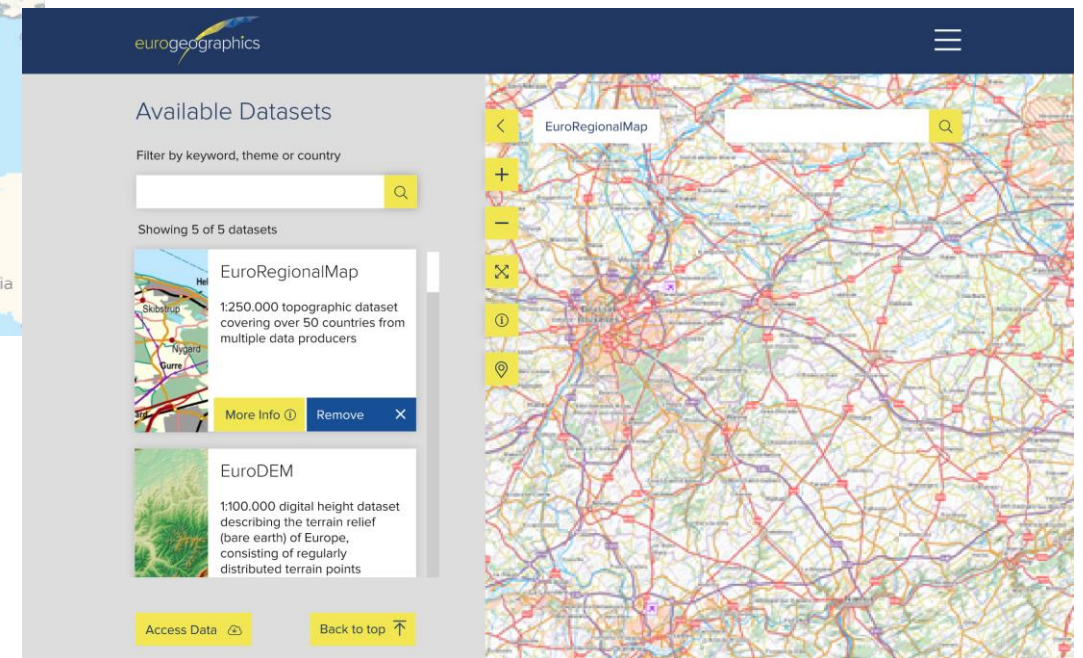
The project is coordinated by EuroGeographics, the not-for-profit membership association for European National Mapping, Cadastral and Land Registration Authorities (NMA/CALs), in partnership with the National Geographic Institute (IGN) Belgium.

The contents of this publication are the sole responsibility of EuroGeographics and do not necessarily reflect the opinion of the European Union.

Co-financed by the European Union
Connecting Europe Facility

Question:

Can we use OpenStreetMap for large scale mapping to give reference if necessary?



Available Datasets
Filter by keyword, theme or country

Showing 5 of 5 datasets

- EuroRegionalMap**
1:250,000 topographic dataset covering over 50 countries from multiple data producers
- EuroDEM**
1:100,000 digital height dataset describing the terrain relief (bare earth) of Europe, consisting of regularly distributed terrain points

Access Data

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Activity 4 - Success and Challenges

- ✓ - Communications plan developed and submitted to INEA
 - ✓ - KPI's developed and submitted to INEA
 - ✓ - Sustainability plan developed with support of Management board and submitted to INEA
- Project is all about increasing use, by making data open, available and easily accessible
 - We need to promote it to raise awareness!
 - If you know of any events please let us know – from Sept / Oct 2021 onwards
 - We have started to respond to Calls for Papers for events towards the end of the year
 - Do follow us on Twitter and re-tweet us!



Activity 5 - Project Management

This activity aims to assure a successful execution of the Project.

- programme management
- monitoring and review of the Action plan against the milestones
- co-ordination of the Action and management of Action partner and subcontractors
- In addition, a sub-contractor will support the procurement processes

The activity will result in the following outputs:

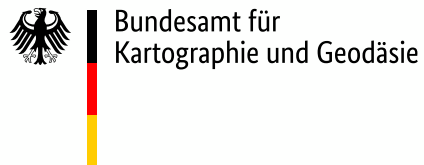
- A well run and coordinated project resulting in the successful outcome of the Action
- Appropriate procurement processes
- Continual monitoring of the activities against the milestones and relevant reporting to INEA where required



Support from members

IGN Belgium (Partner) are providing:

- Legal support
 - Technical support
 - Hosting Data Producer Technical meetings
 - Providing the link from the gateway to the Belgium National geo-portal
-
- We have also had significant support from other members **THANK YOU**



Members – How else to get involved

Support from members:

- Coverage: Help us to fill the gaps on Open Maps for Europe
- Collaboration: Help us to maintain the coordination of Open Maps for Europe as a basis for the future development and implementation of open data policies to support the digital economy.
- Recognition: Help us to demonstrate your contribution to the Open PSI Directive by encouraging greater take up of official geospatial open data to drive innovation, market development and economic growth.
- Reaching new users: Open Maps for Europe promotes your national data beyond national borders.

OME as part of wider Strategy



What have we learned?

- Project bids should link into our existing strategy as an organisation
- IS there an opportunity to produce pan-European datasets from HVD?
- There is a requirement from the Commission for pan-European datasets
- We are starting to investigate more the user requirements of the commission for our members data
- Links to our representation activities and Digital Europe

Possible challenges:

- We know open data requires investment, but who will pay?
- How much effort can our members put into pan-European datasets when their main remit is national?
- EuroGeographics has to balance it's books; if we continue to reduce sales income, we still have costs to create the datasets

Possible roles for EuroGeographics

Lead Role – Open Maps for Europe

- Maintain control but heavy on resource
- Helps us directly achieve our strategy

Project Partner

- Can provide expertise and support for members

Work Package Leader

- Perhaps a dissemination partner

Sub-contractor

- Have started to deliver work for EEA through e-Geos contract; less risk for us



EU Projects strategy

**New Projects
must**

- **Cover activities already planned as part of the developing EG strategy**
- **Help fund some of our existing activities, such as Knowledge Exchange**

Implementation:

- 1) **Information seeking**
- 2) **Knowledge Exchange Programme**
- 3) **Data Co-ordination projects**

EU Projects strategy – actions & next steps



How you can be involved ?

- Become a member of the Funding Working Group
- Provide us with any information and experiences you have, that will help to shape and focus our funding strategy
- Please do participate in the panel session on sli.do after this session

Thank you

Contacts:

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EuroGeographic's EU project Strategy: Sallie sallie.payne@eurogeographics.org