

Copernicus Knowledge Exchange Network

Anders Sandin

10th September May 2018



Todays webinar

- Background – Catch up and remainder
- Today
- Input from you



Copernicus KEN

- The main purpose of the Copernicus KEN is to **facilitate access** to **authoritative geospatial in situ reference data** produced by the **NMCAs** for use in activities initiated by EEA/Copernicus
- The Copernicus KEN was established and launched May, 2018.



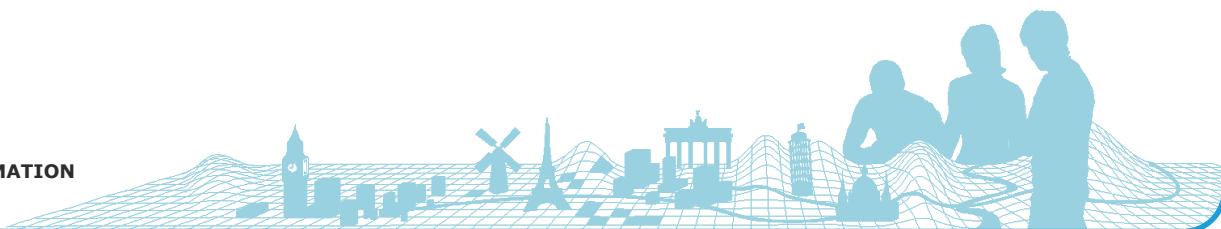
The aim of the KEN is to:

- **Foster knowledge exchange** between Copernicus and EuroGeographics members to ensure a **clear mutual understanding** of the **Copernicus services**' in situ requirements and the geospatial data produced by EuroGeographics and its members;
- Promote **awareness raising activities** intended to **improve the visibility** of the Copernicus in situ component and the important role of EuroGeographics and its members herein;
- **Support initiatives** aimed at providing **harmonised geospatial data sets and services** at the European level.
- **Improve Copernicus' access** to EuroGeographics' data and services such as EuroBoundaryMap, EuroRegionalMap, and E.L.S;
- **Enhance the dialogue** between Copernicus and EuroGeographics' members, with a view to making more national **authoritative geospatial data available** to the Copernicus services in accordance with their requirements;



Objectives

1. The Copernicus KEN will work jointly with EEA in establishing how access to these geospatial data may be provided in line with the Copernicus programme's data and information policy, whilst respecting EuroGeographics members' national policy, legislative and business requirements. This will include exploring solutions to provide full, free, and open access to geospatial data for the Copernicus programme;
2. The Copernicus KEN will evaluate the Copernicus services' requirements for geospatial data presented by EEA with EuroGeographics and its members, with the objective of identifying and understanding data gaps and then proposing solutions;



Objectives

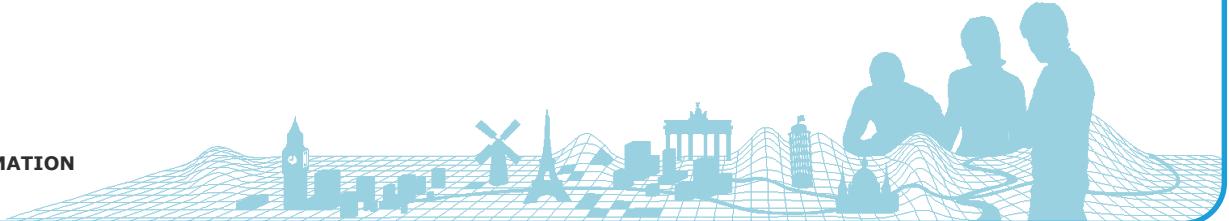
3. The Copernicus KEN will regularly inform the EEA about EuroGeographics' plans for establishing and developing geospatial reference data sets and services giving full European coverage under harmonised conditions for access and use;
4. The Copernicus KEN will, together with EEA, aim to produce Agreements to make the Copernicus reference data access portal (CORDA) available for EuroGeographics members. The purpose of this is to investigate making national and regional geospatial data services readily and efficiently available to the Copernicus services. The work will be carried out closely with the members of EuroGeographics to safeguard that data and services are safely provided via CORDA and also meet the requirements of the Copernicus services. This data will be provided to CORDA via ELS; a pilot project is being run alongside the work of this KEN by the ELS Transition Team progress this



Coordinating Committee

Anders Sandin (CHAIR)	Lantmäteriet
Angela Baker	EuroGeographics
Francois Chirie	IGN France
Neil Sutherland	Ordnance Survey GB
Nuria Valcárcel Sanz	D.G.Instituto Geográfico Nacional. Ministerio de Fomento
Rheinhard Gissing	BEV, Austria
Olav Eggers	Agency for Data Supply and Efficiency, Denmark

The EEA has been informed of this activity and is keen to support the Copernicus KEN where appropriate.



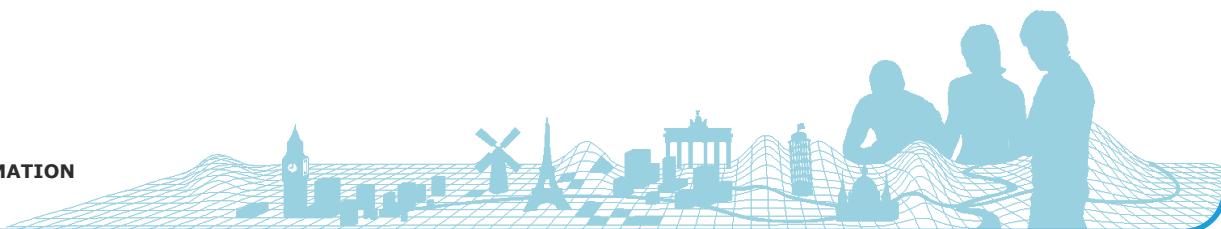
Potential Activities

- One physical meeting per year
- A webinar series
- Engage regularly, both formally and informally with EEA about the activities of EuroGeographics and the Copernicus KEN
- Continue to engage with the ELS Transition Team and support their work in enabling access to EuroGeographics member's data through CORDA



Today – Webinar Topic

- A webinar was held June, 18.
 - Advocate NMCAs relevance in Copernicus to your national government.
 - What dynamics in Europe ?
 - What impact on NMCAs?
 - What should EG & NMCAs do to position themselves in this dynamics and influence it?
 - What EG & NMCAs already do in Europe?



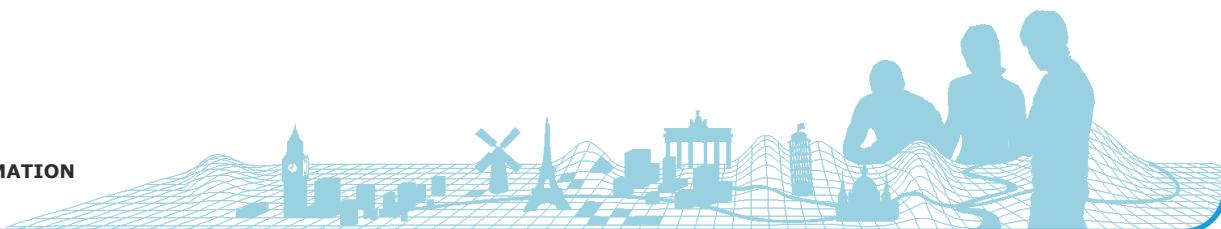
Today – Webinar Conclusions (1/2)

Strategic choice: pay attention to European context

- Be aware of the full range of **impacts that Copernicus may have on NMCAs**
- Understand both risks and opportunities presented by Copernicus

Reinforce operational actions connected to EuroGeographics to have an impact at European level

- “Deliver or die” → demonstrate EG & NMCAs capabilities to meet Copernicus requirements
- **Harmonising contents: Core Reference Data**
- ELS Platform



Today – Webinar Conclusions (2/2)

Find the proper positioning in Copernicus

- **Assistance and technical expertise**
 - Influence Copernicus towards convergence with national infrastructures
 - Upstream: contribute to Copernicus specifications
 - Downstream: validate Copernicus products
- **Reinforce complementarity** and linkage between NMCA large scale reference data and Copernicus large scale reference data
- **Influence Copernicus ongoing initiatives**
 - Production of CorineLandCover 2018
 - European DEM
 - VHR Orthoimagery

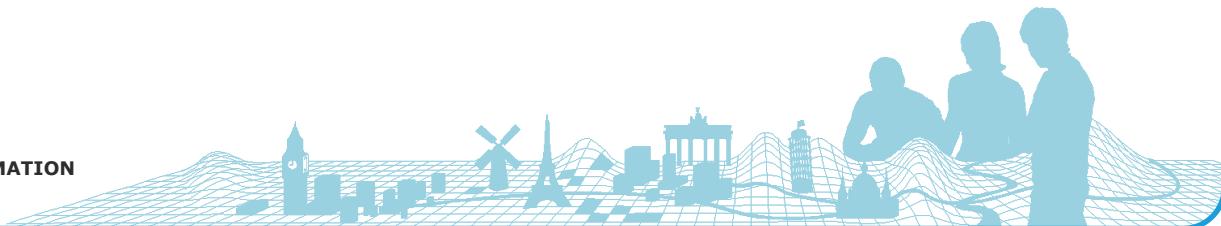
NMCAs communicate with their national representatives in Copernicus



Today – EuroGeographics

General Assembly Prague October, 9

10.45 – 12.25	<p>Meeting user requirements The benefits of combining NMCA data with Satellite data to meet user needs</p> <ul style="list-style-type: none">• Copernicus regulation review• Earth Observation• GNSS• Service delivery - SCOTLIS	<p><u>Chair:</u> Anders Sandin – Chair Copernicus KEN</p> <p>TBC</p> <p>Zoltan Bartalis, Earth Observation Exploitation Engineer, Data Applications Division, EO Science, Application & Climate Department, European Space Agency</p> <p>Ghian Gerardo Calini, Head of the Market Development Department, Global Navigation Satellite System Agency (GSA)</p> <p>Callum Shepard, ScotLIS Service Owner, Registers of Scotland</p>
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Today - Workshop

Copernicus KEN Copenhagen December, 4

Agenda to be decided.

Input from you.



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Copernicus KEN Copenhagen December, 4

Agenda to be decided.

Input from you.



Todays webinar

- Input
- Reflections
- Questions

