

QKEN plenary meeting Amsterdam

30th Nov – 1st Dec 2022

Participants

Kevin	Thompson	OSI	Ireland
Karin	Mertens	NGI	Belgium
Javier	Luque	Spanish General Directorate of Cadastre	Spain
Ilze	Paulina	State Land Service	Latvia
Xavier	Halbecq	IGNF	France
Ulla	Pysallo	Maanmittauslaitos	Finland
Anouk	Huisman	Kadaster	Netherlands
Jonathan	Holmes	Ordnance Survey GB (Chair)	Great Britain
Carol	Agius	EuroGeographics	Belgium
Nienke	Eernisse	Ordnance Survey	Great Britain
Josefine	Kramer	BKG	Germany
Peter	Barthel	BKG	Germany
Anna-Karin	Lowry	Lantmäteriet	Sweden
Stefan	Flury	SwissTopo	Switzerland
Joren	Van Gysegem	NGI	Belgium

30th November 2022

Opening

Paula Dijkstra opened the meeting and welcomed everyone to Amsterdam.

Paula gave an excellent presentation on Kadaster and its role in today's society.

Introduction by Jonathan

Jonathan welcomed everyone to the meeting and commented on how good it was to see everyone face to face after nearly three years.

There was a brief introduction of everyone and a reminder of the materials that are available to everyone on the EuroGeographics website.

Action Plan

We ran over the outstanding actions.

- Plenary session in Cyprus: it's still an option for a next plenary meeting.
- Joint meeting with the INSPIRE KEN: INSPIRE is being reviewed at the moment. We should organize a meeting with this group after the review.
- Linked data: still an interesting topic. CC needs to contact Joep Crompvoets.
- Planned presentations: all of the presentations are on the agenda of this plenary session.

News from head office

Carol gave an update on the activities of the head office.

This included an overview of EuroGeographics activities which includes the following:

- European Strategy for Data
- Inspire
- Copernicus
- Cadastral issues related to policy (in particular GDPR)
- Intellectual property rights

EuroGeographics also follows the work on UNGGIM including

- IGIF
- Land Administration & Management
- Policy & Legal Frameworks
- Global Geodetic References

Action – Carol to give a presentation at a future meeting of IGIF

Recent events include:

- UNGGIM meeting in New York
- Maps for a data driven Europe presentation at the European Parliament

Knowledge Exchange

- This includes both internal and external exchange of knowledge
- Both strategic and technical
- Eurogeographics has recently signed an agreement with UNGGIM in relation to knowledge exchange

Open maps for Europe

A second Open Maps for Europe project has been approved to build a prototype that creates large scale data (25k) automatically. Initially this will cover boundaries, hydro and transport. The consortium includes France, Belgium, Spain, Greece and the Netherlands. This project will be launched in January 2023 and will be ended in December 2025.

Eurostat

A new Eurostat contract has been signed for four years from 1/1/2023. The agreement includes EuroBoundary Map plus and element of knowledge exchange including

- Generalisation
- Edge matching
- Harmonisation
- Quality
- Lifecycle management

Head office staff

Two new reinforcements have been recruited.

National reports

Jonathan guided us through the national reports.

The following were selected for presentation at the next plenary. The first three have been carried over from the previous meeting

Commented [KM1]: Is this correct?

Subject	Organisation
HD lidar data quality	IGN France
Topographic data production system update	NLS Finland
Reduction of lead times. Production processes –from aerial photograph is taken until the geographic databases are updated	Lantmäteriet Sweden
Evaluation Drones for improving accuracy of property boundary points	Lantmäteriet Sweden
Analysing addresses: comparison of addresses from SGDC and CDAU (IECA)	Cadastre Spain

Session on AI and Quality Control

Carol led a discussion on AI and Quality Control which included a presentation from Iris Reimerink on what Kadaster are doing with AI.

The meeting concluded that we need to continue to watch AI as it offers great opportunities to improve both capture and quality control.

QPC Practitioner

The day ended with Jonathan presenting Karin with her Quality Practitioners Certificate

Close

1st December 2022

Host Presentation

Anouk gave a presentation on the key registers for Kadaster and some of the key drivers for the organisation. These include:

- Demands from Government to deliver at lower cost
- Customers wanting new things
- Automated processes using data from key registers

Creation of a new product BRT.next

There is a problem with using key registers that have different purposes. E.g. Managing public space and mapping.

Kadaster have adopted a canvas principle using multiple layers of different themes

- a) Skin of the earth
- b) Other canvases that don't have continuous coverage (e.g. Buildings)
- c) Fuzzy canvases where areas overlap (e.g. named areas)

The base canvas is the raw data that cannot be edited. The canvas above, can be edited for corrections and other minor changes. Sweet is used for editing although FME, Python and ArcGIS are also used.

The plan is to start production in mid 2023.

Presentations

The mornings presentations formed part of the EuroGeographics weekly webinar session.

Presentations were given by:

- Essi Kaukonen from Statistics Finland on Government Quality Criteria and Measures
- Joren Van Gysegem from NGI Belgium on Deep Learning for Quality Control
- Kevin Thompson from OS Ireland on Data Quality Dashboards
- Arturs Piziks from Latvia on the Cadastral Value Map

Conference 2023

Jonathan introduced the idea of running another conference in 2023. It was agreed that we did wish to run another conference.

Nienke, Anouk and Joren agreed to be part of the organising committee. Kevin expressed an interest but will need to get permission.

Other potential committee members to be asked.

Long Term Plan

Jonathan ran through the Long term plan that had been refreshed for this meeting.

Presentations

The afternoons presentations were given by:

- Anna-Karin Lowry from Sweden on trial and errors
- Josephine Kramer from Germany on Requirements analysis for a raster data management system
- Stephan Flury from Switzerland on Automatic testing of Geodata and what's new in ProSuite

QC / QA questionnaire

Anouk led a discussion on the forthcoming QC/QA questionnaire. The session helped to shape the questions

ISO Update

Jonathan gave a brief update on what is happening with ISO19157 Part 3 which is currently under development

Future meetings and wrap up

The next meeting will be online on April 19th and 20th. The following meeting will hopefully be at the same time as quality conference.

Jonathan finished the meeting by thanking the hosts for their hospitality.

End