

Quality KEN

Chair: Jonathan Holmes

Vice Chair: Tamás Palya

The Value of Knowledge Exchange Networks




Extraordinary General Assembly
May 2017



QKEN Overview

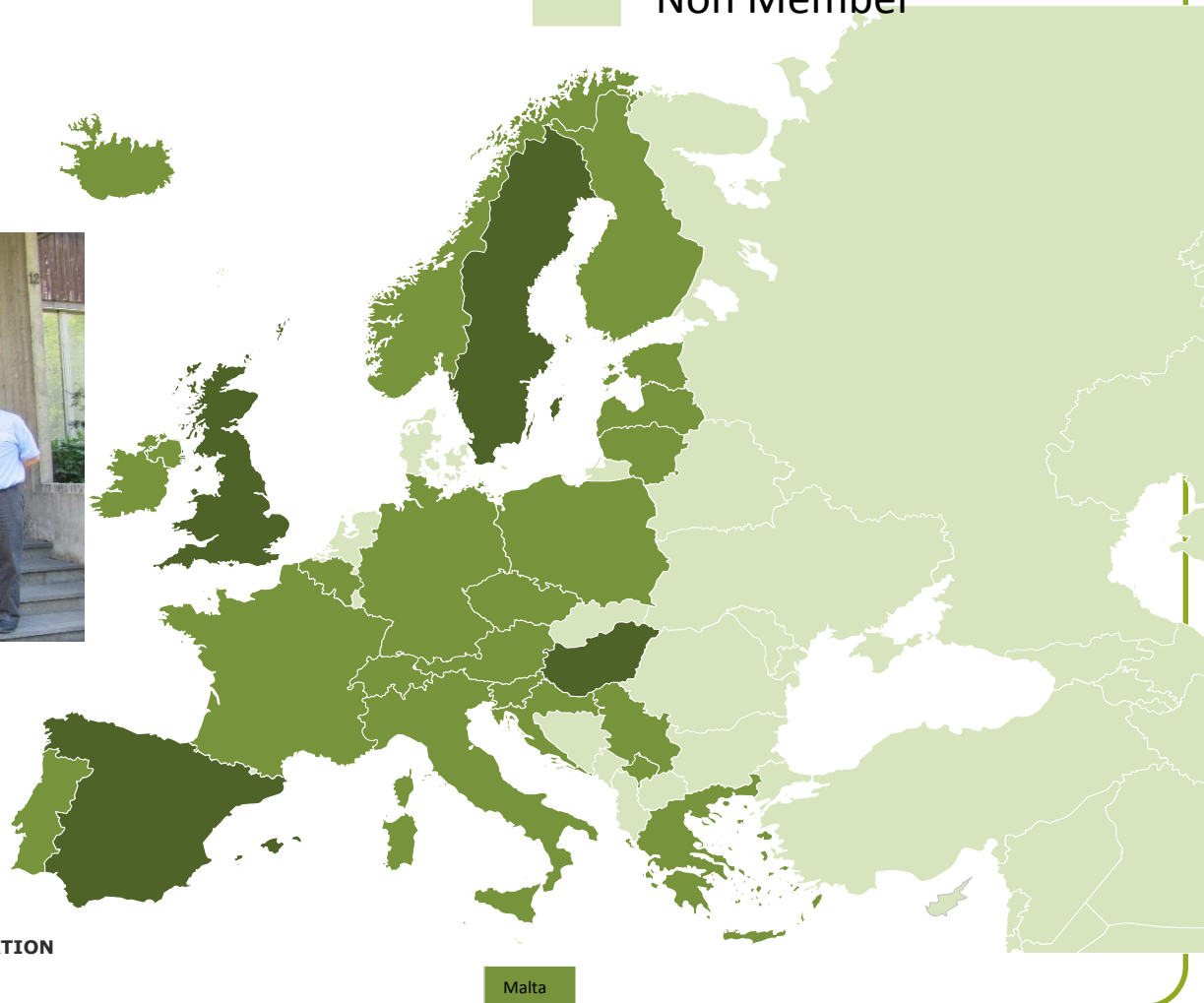
Working with EuroSDR to identify and spread best practice across Europe

Chair: *Jonathan Holmes*

-  Co-ordinating Committee
-  Member
-  Non Member



61 EG members on the
basecamp of QKEN



Quality KEN Objectives

- To identify and disseminate best practice in the field of Data Quality and Quality Management
- To monitor and influence the development of standards in this field
- We do this by:-
 - Holding two plenary sessions per year
 - Regular communication through Basecamp
 - Inviting speakers and vendors to our plenaries
 - Running webinars
 - Producing guidelines and making them available on the EuroGeographics website
 - Running conferences



Quality KEN Strategic Alignment

- Provide the voice of our members
- **Develop the network of members**
- Deliver an operational European Location Framework to support realisation of the European Spatial Data Infrastructure
- **Facilitate access to members' data and expertise**
- Grow our network of members
- Ensure that the association continues to develop its role and has a sustainable future



Achievements

- Two plenary sessions in Paris and Ljubljana
- Focussed on what is required for creating a Data Quality Model
- Looked at measuring the quality of the third dimension
- Ran a questionnaire on the use of ISO standards in Europe (27 responses from 23 countries)



Work Plans

- Joint workshop with EuroSDR in June on improving the Usability of Geospatial Data through improved quality metrics
- Completion of the revision of the ISO Guidelines handbook
- Plenary sessions in Frankfurt and Dublin
- Quality Conference in Malta in Feb 2018



Invitation for the Conferences

- Joint workshop with EuroSDR **14 of June 2017 in Southampton**. Registration is free. Deadline: 31 of May
- 2nd Quality Conference in **Malta in Feb 2018**
- The organising is in progress.



International Workshop on
Improving the Usability of Geospatial Data



International Workshop on Spatial Data and Map Quality
Old University Building, Valletta, Malta 20th - 21st January 2015

During the past decades the main problem in the domains of geography and cartography was the lack of spatial data availability. Nowadays the wide diffusion of location-enabled electronic devices is resulting in the generation of an unprecedented volume of spatial data. In addition volunteered geographic information activities (e.g. OpenStreetMap, Wikimapia), public initiatives (e.g. Spatial Data Infrastructures, Geo-portals, Open data,) and private projects (e.g. Google Earth, Bing Maps) produce or integrate an abundance of spatial data and map products. However, in most cases this plethora does not help the efficiency and effectiveness of decision processes. This is because usually these data have no associated quality indicators included in metadata.

In order to utilise spatial data, produce reliable maps and facilitate the decision process at all levels by means of spatial data/services a clear identification of the quality of geographical information is needed. However, quality can mean different things to users and producers. Aspects like user feedback, usability and quality visualization have to be considered.

In Europe there are currently diverse ongoing activities on spatial data and map quality issues in various national mapping organisations, universities, and the private sector.

Implementation of the European spatial information infrastructure (INSPIRE) will change the availability of data in Europe. Therefore there is an urgent need for better data quality management. The European Location Framework (ELF) project (www.elfproject.eu) and the National Mapping and Cadastral Authorities (NMCAs) in Europe are working to create the first implementation of a geospatial reference infrastructure based on national information assets (INSPIRE). One of goals of the project is to introduce a Data Quality Validation Service that can be applied for checking the data quality from both the producer and user point of views. During the workshop the main results of the project will be presented. In addition the association of NMCAs, EuroGeographics, has established the Quality Knowledge Exchange Group (QKENG) which has active members working on sharing best practices.



Adding Strategic Value to Member NMCA's

- What added value does the KEN provide?
- How does the KEN contribute to the member organisations?
 - Access to national experts in the field of Data Quality and Quality Management. All willing to pass on their expertise.
 - Exposure to new initiatives at an early stage giving members a chance to influence them



Value of Participation

- Why is it important to actively participate in the KEN?
- What will members gain by participating in the KEN?
- What will they miss out on by not participating?
 - Opportunity to discuss upcoming challenges with like minded colleagues
 - Views and experiences come from right across Europe. There is a wealth of knowledge and experience that can be tapped into either at the plenary sessions or through Basecamp
 - Technology is changing rapidly and as a result the need for fast and reliable data is expanding as well. The impact of many different technologies will affect data quality and we need to be ready to adopt the opportunities that this will bring.

