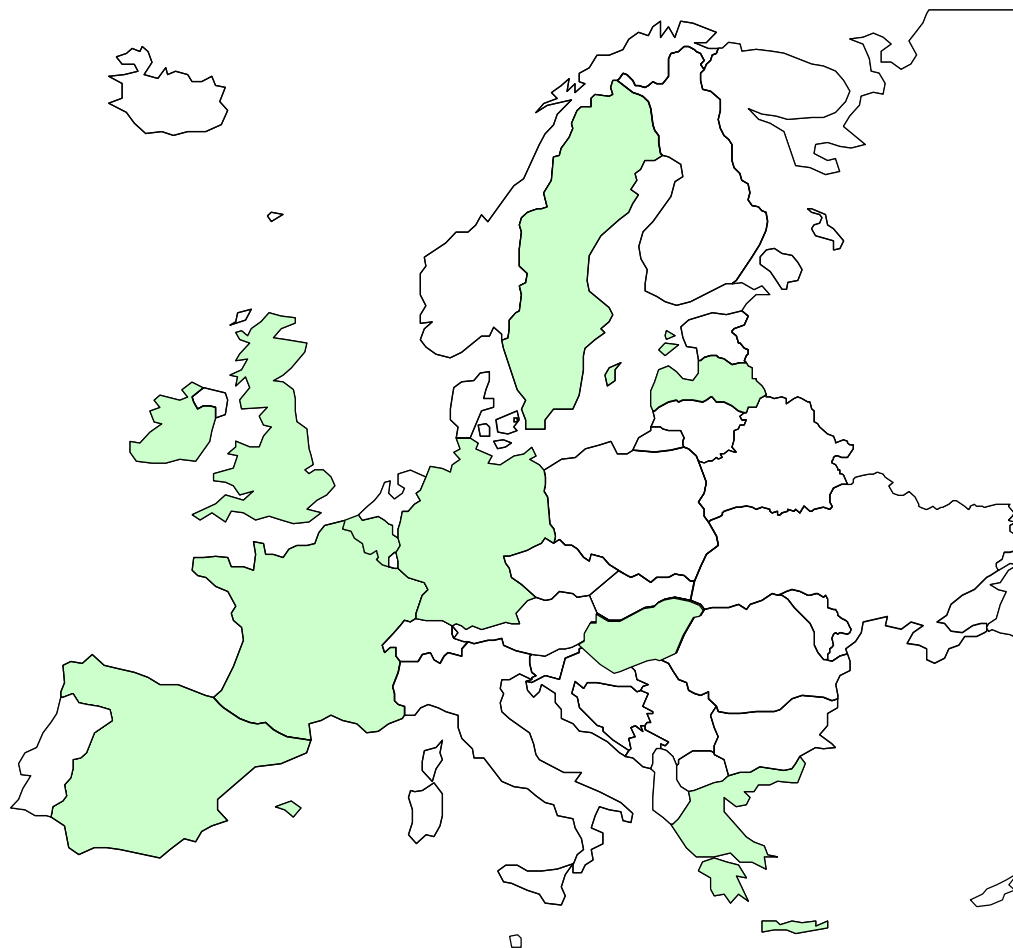


National Reports

Quality Knowledge Exchange Network

Paris October 2016





11 National reports



National Geographic Institute, Belgium

From June 2016 to October 2016

- **News concerning quality management**
 - **Setting up a quality control process for the production of our new 1:25k products**
 - **Improving the quality control process for the updating of our 1:50k products**



Institut national de l'information géographique et forestière (IGN), France

From May 2016 to October 2016

- News concerning Data Quality
 - improving the quality control using statistical methods,
 - a great question : *how to prove **simply** that our data are better than others ?*
Reputation is not sufficient and can be destroyed by a bad buzz.
The standard do not always appear as guarantees of quality.



Institut national de l'information géographique et forestière (IGN), France

From May 2016 to October 2016

- News concerning quality management
 - ISO9001:2015 for a process in metrology works
 - Implementation of the gaps assessment diagnosis with the new version of the standard,
 - Version 2015 for the rest of IGN (except research) in October 2017
 - Works on the « *organisational knowledge* » (§ 7.1.6)
 - What are the needs our organisation ?
 - How long is a document still valid ?
 - Archiving or destroying ?
 - legal value of a digital or digitalised document.
 - Extra-financial reporting
 - Using the GRI 4 global reporting,
 - Greenhouse gas balance.



BKG, Germany

From May 2016 to October 2016

- **News concerning quality management**
 - BKG employed a new colleague who will
 - Review all quality processes and quality management methods that are in use at the geoinformation department
 - Report to the Inter-ministerial Committee for Geo Information
 - Aim / outcome: creation of a quality management manual



Institut national de l'information géographique et forestière (IGN), France

From May 2016 to October 2016

- Any other news that would be of interest for Q-KEN?
 - The financial balance of an institute like IGN is strongly threatened by the demand for free public data (Open Data).
 - How can we transform free data into paid services ?
 - How to compete against companies that use our free data?
 - How to be more included in the State processes (sovereign) ?
 - Defence inside and outside,
 - Land register mapping,
 - Fluids network,
 - Agriculture and forests...
 - Negotiation of a new objectives contract with the State.



NMCA SA, Greece

From May 2016 to Oct 2016

- **News concerning Data Quality**

- A. Quality Control of cadastral studies deliverables (36 contracts)

- Quality Control for all delivered data using the NCMA's Quality Plan

- B. Quality Control of Orthoimagery production

- Delivered already airphotos, orthoimages and DEM's for 100% of Greece.
 - They completed all the quality controls and the deliverable has been accepted.
 - 49.196 orthoimages (0,25m GSD / R,G,B,NIR / 2000mX1500m / JPEG2000)
 - 49.196 DEM files (2,00m GSD / 2300mX1800m / GeoTiff Floating)
 - Horizontal accuracy of orthoimages: 4.200 field check points
 - Vertical accuracy of DEMs: 2.500 field check points
 - Quality control of the deliverables, using many quality parameters that inspected mainly automated applications

- **News concerning quality management**

- Working on implementation of the ISO 19157 standard in our Quality Model



NMCA SA, Greece

From May 2016 to Oct 2016

- Any other news that would be of interest for Q-KEN
 - A Administration Agreement between the European Commission and the World Bank was signed on August 4, 2016.

The Structural Reform Support Service (SRSS) of the European Commission, has requested the World Bank to provide technical assistance with the specific objective of assisting and supporting the Government of Greece in its efforts to modernize and complete the Greek cadaster by 2020 and establish joint cadaster - property registry offices.

The technical assistance activities are organized in three Components:

- Component A: Advancement of the Implementation of the Greek Cadaster (Project Management Information System & Quality Assurance)
 - Component B: Establishment of the Joint Cadaster – Property Registry Offices
 - Component C: Progress towards a functioning and effective National Spatial Data Infrastructure (NSDI) governance structure and capacities
- In tendering procedure the rest of the country (32 contracts). Expected in March 2017, the signing of the first contracts.



HM Land Registry, England and Wales

From May 2016 to October 2016

- **News concerning Data Quality**
 - Land Registry's board have approved a data Quality Improvement work stream to help us get data ready for the delivery of digital services.
- **News concerning quality management**
 -
- **Any other news that would be of interest for Q-KEN?**
 - Land Registry looking into the challenge of digitising the content of the register and are looking at ways of capture to ensure we maximise reuse and future digital services, e.g raster to vector conversion, intelligence from text documents,
 - Land Registry have appointed a Planning and Delivery Partner for our Local Land Charges programme. One of their first tasks will be to help deliver a statement of requirement for procurement of a Digitisation and Migration partner and a Quality partner to undertake the digitisation of Local Authority held Local Land Charges.



Ordnance Survey, Great Britain

From June 2016 to October 2016

- **News concerning Data Quality**
 - Water network improvements are continuing.
 - New functional sites process went live during the summer. This has resulted in an improvement in quality to the end product.
 - A second phase of Names improvement is underway
 -



Ordnance Survey, Great Britain

From June 2016 to October 2016

- Any other news that would be of interest for Q-KEN?
 - Discussion ongoing on creating an Open Data Address product
 - As part of the business transformation project OS is looking closely at how it organises and manages its data (both Geospatial and Business). It is probable that we will recruit a new Chief Data Officer and that we may restructure the Data Management function underneath them.
 - There is a “General Review” of the business taking place as well. This may or may not bring changes!!



Ordnance Survey, Great Britain

From June 2016 to October 2016

- Topic I can offer for next webinar
 - Possibly water network creation and quality assessment



FÖMI, Hungary

From May 2016 to October 2016

- **News concerning Data Quality**
 - Specification of governmental acceptance about the quality control of aerial photos, orthoimageries and the connected workprocess was done begin of 2016.
- **News concerning Quality management**
 - ISO (17025) accreditation of Measurement Lab of GPS calibration. Second-year review of the accreditation is in progress.
 - Reconstruction of ISO 9001 is done, and ISO 27001 (information security) is in progress.
 - The Regulation Rules on surveying and mapping are free available.
- **Any other news that would be of interest for Q-KEN?**
 - According to Government Decision in June 2016, FÖMI terminates and it moves to Budapest Government Office from January 1 2017.
- **Topic I can offer for next webinar or meeting**

-



OSi, Ireland

From May 2016 to October 2016

- The following number of objects were reclassified after a review of 6th / 7th Class WAYS – 113351 objects reviewed

No. of Objects	New SoE Class
7201	Artificial
206	Exposed
46167	Vegetation
2961	Water

- Review of 4th / 5th Class WAYS
 - 114617 5th Class WAYS reviewed
 - 112920 require downgrade to 6th or 7th Class WAY
 - 1604 require upgrade to 3rd or 4th Class WAY
 - 88142 4th Class WAYS reviewed
 - 10827 require downgrade to 5th , 6th or 7th Class WAY
 - 2968 require upgrade to 3rd Class WAY



OSi, Ireland

From May 2016 to October 2016

- **Review of National Road network (Main Road, 1st Class, 2nd Class)**
 - Form/Function
 - Named Way membership
- **New WAY Forms/Functions**
 - Driveway (Form)
 - Motorway On-ramp & Motorway Off-ramp (Functions)
- **New Division feature 'Virtual Junction'**
 - Allows for the naming of WAYS where there is no physical junction between the 2 Named Ways
- **New Functions for Bridges**
 - Bridge Railway
 - Bridge Motorway



OSi, Ireland

From May 2016 to October 2016

- **Review of Form/Function of buildings > 1000 sq. m.**
 - 23655 reviewed
 - 22615 require Form/Function update
- **Named Water objects**
 - 50 new Named Water objects (Rivers & Canals)
 - Membership of 41 Named Water objects (Rivers & Canals) changed
 - English name changed for 22 Water Objects
 - Irish name changed for 4 Water Objects
- **Named Way objects**
 - 39 new Named Way objects
 - English name changed for 62 Way objects
 - Irish name changed for 3 Way objects
 - Membership of 102 Named Way objects changed



The State Land Service (SLS), Latvia

From May 2016 to October 2016

- **News concerning Data Quality**

- In 2016 there were made changes in regulation, which will come into effect on 1st January, 2017. The regulation stipulates that Local Municipalities have to provide data about purpose of use of real property only electronically, using data exchange solution which was created in cooperation with the State Land Service and Local Municipalities. It will help to minimize and avoid data inconsistencies and ensure accurate data in Cadastre IS;
- The State Land Service is working on development of methodology to ensure consistency of data between cadastral map and orthophoto map;
- 52 thousands land parcels with the type of use «forest» are updated in the Cadastre IS to ensure consistency of data in Cadastre IS and State Forest Register.



The State Land Service (SLS), Latvia

From May 2016 to October 2016

- **News concerning quality management**
 - The State Land Service has developed a common training topics for new cadastral engineers and test questions to be sure about their competence and knowledge to be able to work in the State Land Service.



The State Land Service (SLS), Latvia From May 2016 to October 2016

- Any other news that would be of interest for Q-KEN?
 - Organized the 1st Cadastral Data Users' Conference «**Latvian Cadastre 335**». Interviews were conducted on cadastral data content (face to face interviews and in electronic form).



IGN, Spain

From May 2016 to October 2016

- **News concerning Data Quality**
 - **Data Quality Validation in the Topographic Data Base BTN25**
 - Designing a new sampling for the quality control of the BTN25 buildings into the production process.



- **News concerning quality management**
 - **InciGEO:** Developing a tool based in BPM for the management and update of the changes in the National Topographic Database: Roles management, different ways for entry, *triage*, errors location, tasks, management of the different solutions and quality control.
- **Any other news that would be of interest for Q-KEN?**
 - **Geospatial Reference Information of Hydrography:** WFS INSPIRE compliant for physical waters already implemented <http://www.ign.es/wfs-inspire/hidrografia>



Lantmäteriet, Sweden

From May 2016 to September 2016

- **News concerning Data Quality**
 - An inventory has started to document the quality controls that are done on all our registers
 - For our cadastre data there is a study on how to accumulate and report the result from all the controls that a done
 - We have started to look on how other businesses work with data quality
 - Which controls can be done contra requirements
 - Organisation
 - Crowdsourcing, how quality is handle in this new process
 - How her businesses is taken care of and analyzing reports of error



Lantmäteriet, Sweden

From May 2016 to September 2016

- **News concerning quality management**
 - New post as Quality manager is created and is now available for application
- **Any other news that would be of interest for Q-KEN?**
 - National framework for 3D geographical data will be published
 - A guide with instructions and illustrations on how to geometrically represent the features, depending on Lod and value from the code list for each of the object types in 9 themes is published



Proposals in Paris for presentations at next plenary

Subject	Organisation
improving the quality control using statistical methods	IGN, France
ISO9001:2015 for a process in metrology works Implementation of the gaps assessment diagnosis with the new version of the standard	IGN, France
creation of a quality management manual	BKG, Germany
The State Land Service is working on development of methodology to ensure consistency of data between cadastral map and orthophoto map	SLS, Latvia
How to compete against companies that use our free data?	IGN, France IGN, Spain
Review	Ireland
Land Registry	England and Wales



Proposals in Paris for presentations at next webinar

Subject	Organisation
Possibly water network creation and quality assessment	Ordnance Survey

