

TDKEN webinar & on-line discussion: Edge-matching, Quality, Life Cycle

16 November 2023

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#EG-TD2023-3



Meeting etiquette

- The meeting will be recorded, but not distributed
- Microphones off unless you have the floor
- To speak please raise your hand (there is a button!)
- You can also use slido to comment and respond to the polls
- Webcam, your choice, but if you are speaking switch it on

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Agenda:

- Welcome to the meeting
- Introduction to the topic Edge-matching
- Facilitated discussion - All are invited to contribute
- Introduction to the topic Quality
- Facilitated discussion - All are invited to contribute
- Comfort break
- Introduction to the topic Life-cycle management
- Facilitated discussion - All are invited to contribute
- Next steps
- Meeting close

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Eurostat service contract (2023 – 2026)

Task 2

- Deliver effective topics groups to support the progress of NMCAs in addressing existing obstacles in the availability of pan-European datasets

Activities:

- Barriers to seamless pan-European datasets
- Understand members experience in topic areas
- Organise knowledge exchange activities

Generalisation

Edge-matching

Quality

Life-cycle
management



Harmonisation

The objectives of the TDKEN are:

- Establish a network of experts and expertise in the topic areas
- Increase the understanding and capacity in the topic areas in member organisations
- Establish current situation for each topic group in various countries, as well as at the pan European level
- Identify and note key challenges in the topic areas
- Share knowledge, national experiences and good practices on topics areas



TDKEN Outputs

Output description

State of play document; which will detail the current situation for each topic group in various countries, as well as at the pan European level. It will highlight current good practices and note key challenges, both at the national and Pan-European level

A proposed plan / terms of reference for each topic group, detailing the proposed methodology and approach to progress the topic area

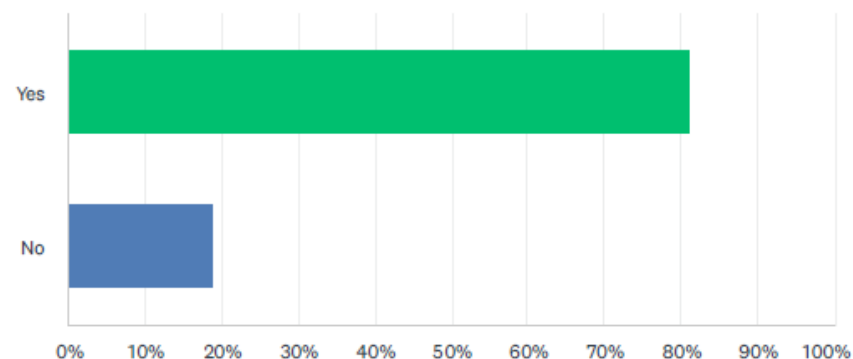
Item	Description	Outputs	Date
State of play	Draft baseline state of play questionnaire	Baseline questionnaire	May – June 2023
	Launch questionnaire		July – August 2023
	Initial analysis of baseline questionnaire	Initial identification of current state of play and gaps	September 2023
	Present responses at SDQ Workshop		Oct 2023
	Develop proposed plan and more detailed terms of reference, detailing the proposed methodology and approach to progress in each of the topic areas will be developed.		Detailed TORs
Webinars	Launch call to members for presentations on topic areas, to share experiences and current practices	List of potential presentations	June 2023
	Schedule and present webinars	Webinars	Sept 2023 – March 2024

Edge-matching

- Investigate and develop the tool required to edge-match large-scale data along the international boundaries according to a specified connecting features dataset. The aim is to ensure topological consistency of the data across borders.

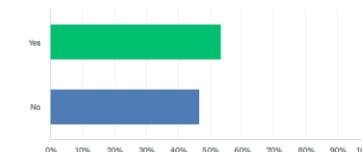
Do you use edge-matching in your production processes?

Answered: 16 Skipped: 4



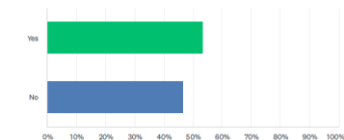
Do you perform any edge-matching along international boundaries except within the production of pan-European datasets for EuroGeographics?

Answered: 15 Skipped: 5



Are there discussions or processes in place with your neighbouring countries at master level for edge-matching cross-border data?

Answered: 15 Skipped: 5



- Most edge-matching is internal (divided by sheets or municipality) while just over half responses mentioned edge-matching along national borders with neighbouring countries – mainly with agreements on common points
- Almost 50/50 use of ready to use automatic or semi-automatic tools and manual methods
- Not many issues, noted that the work is done with care

Highlights

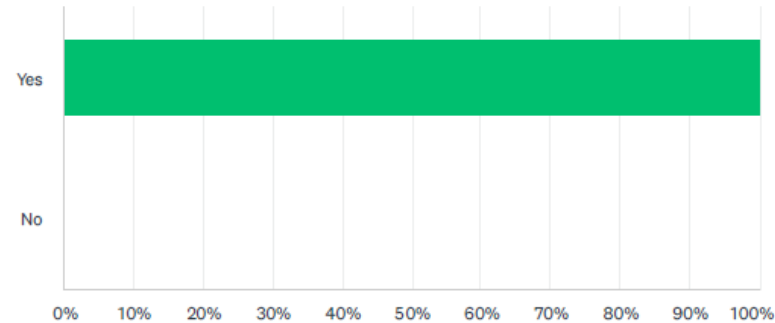
1. Are there any interesting points to follow up from the survey results?
2. Which areas do you think would be interesting for members to view as good practice?
3. Which areas do you think would be interesting for members to share knowledge on (gaps or good examples)?
4. How should we progress the knowledge and learning of the topic areas in the next 12 months?
5. Are you interested in practical contributions? (leading discussion, presenting at a webinar, etc)

Quality

- Investigate and develop a tool that checks the quality of the datasets based on the specifications
- Consider the reporting and management of quality checking based on the stakeholders involved in the process
- Includes quality control and correction

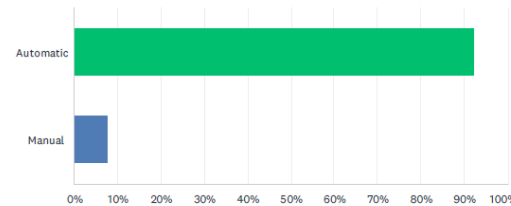
Do you implement quality control methods in your production processes?

Answered: 15 Skipped: 5



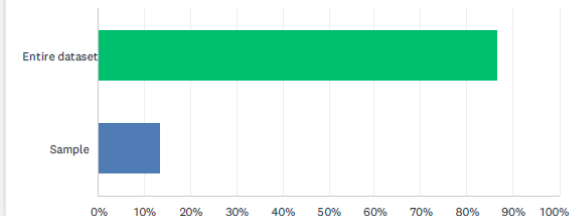
Q27 Are the quality control methods automatic or manual?

Answered: 13 Skipped: 7



Q28 Are they carried on the entire dataset or a sample?

Answered: 15 Skipped: 5



- Quality checks mostly on topology, attributes and content
- Built into the process and also in some cases at the end of the editing process
- Almost half used standard commercial tools and just over a third used self-developed tools
- Mainly automatic checks on the entire datasets not a sample

Highlights

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Short break

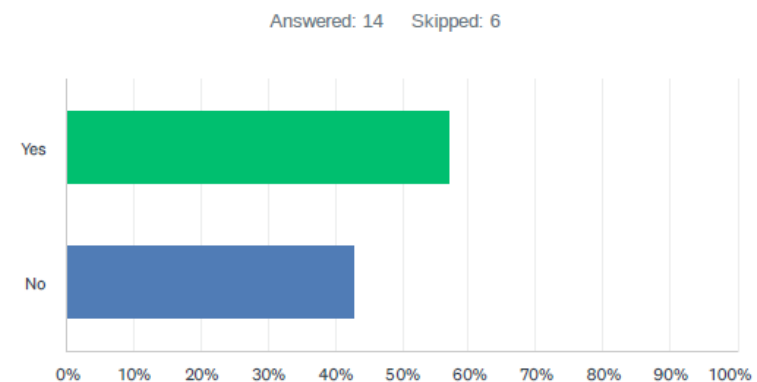


Life-cycle management

- Investigate and develop the implementation plan for an integrated life-cycle management system based on the experience of IGN-F within its own national activities, taking into account developments and experience from other NMCAAs.
- Includes Incremental updating and continuous updating. *As stated in Eurostat's call for tenders, incremental updating concerns the capacity to disseminate incremental updates, that is only the changes between two consecutive versions of a dataset. Continuous updating concerns the capacity to improve the update frequency (how often new updates are published) and update delay/timeliness (the delay between the update reference date and the publication date, which should be as small as possible so that the dataset describes the current situation)*

Highlights

Do you implement object life-cycle management in your production process?



- Update cycle depends on the type of data set – topographic data anything between 1 – 5 years (and even 10 years)
- Cadastral data less – continuously to 6 months
- Those who implement it objects have life-cycle attributes

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Next steps



- Take the discussion on basecamp:
 - matina.fuentes@eurogeographics.org
- Identify the gaps and issues for each of the topic areas
- Develop proposed plan and more detailed terms of reference
- Formulate a schedule of KE activities for 2024
- Comment on the draft documents

Thank you for your attention!

Questions?

Contact: carol.agius@eurogeographics.org

