

GEOSTAT4 Webinar  
2020-05-26  
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## WP 3: Quality of geospatial information management for statistics

1. WP 3: State of play - Outcome of kick-off meeting and next steps
2. Questions for today's discussion

1. Proposal for a catalogue of methods related to geoinformation, which could be included in the **Quality Assurance Framework (QAF)** of the European Statistical System
2. Enhancing **quality reporting** by including more geospatial information
  - Qualitative Information
  - A set of quality indicators
3. A **quality checklist** related to geospatial processing as part of the statistical production process
  - A prototype of the checklist
  - Example of a completed filled in checklist based on a relevant product within the ESS which includes the use of geo-data for the ESS

# Output 1 - Enhancing the QAF

- 1. Gap Analysis: Investigate the most recent version of the quality assurance framework and produce a list of indicators for those cases, where the set of methods is not sufficient with respect to geospatial methods.**
- 2. Based on the results of the gap analysis a draft proposal containing additional methods as well as enhancement to already existing methods will be prepared.**
3. Launch of a written consultation in the Working Group Quality regarding the draft proposal for enhancing the Quality Assurance Framework
4. Final version of the proposal for enhancing the Quality Assurance Framework: Revision of draft taking the comments of the WG Quality as input.




# Output 1 - Enhancing the QAF

## Results of kick-off-meeting

### Gap Analysis: Classification of indicators

No enhancements	Light enhancements	More enhancements
1: Professional independence	1bis: Coordination and cooperation	2: Mandate for Data Collection and Access to Data
4: Commitment on Quality	3: Adequacy of Resources	5: Statistical Confidentiality and Data Protection
9: Non-excessive Burden on Respondents	6: Impartiality and Objectivity	7: Sound Methodology
13: Timeliness and Punctuality	8: Appropriate Statistical Procedures	12: Accuracy and Reliability
	10: Cost Effectiveness	15: Accessibility and Clarity
	11: Relevance	
	14: Coherence and Comparability	

1. Distribution of the indicators among partners
2. Review of group work results (reassignment of the table on the slide before)
  - Decision of final assignment (maybe today 😊)
3. Propose changes on indicator level in the QAF (till end of August)
  - no changes necessary
  - adding one overarching method
  - enhance already existing methods
  - add new methods

 see here as well fast track example related to indicator 2.2.
4. Summarizing proposed changes and drafting of proposal for deliverable (mid September)
5. Final consultation of project team and draft of proposal (end September)

1. Identification of relevant quality information related to the instances of GSGF based on the outputs of WP 2.
2. Development of a set of quality indicators.
3. Investigation if there are possible enhancements of the structures relevant for quality reporting in the ESS, namely SIMS and QPI.

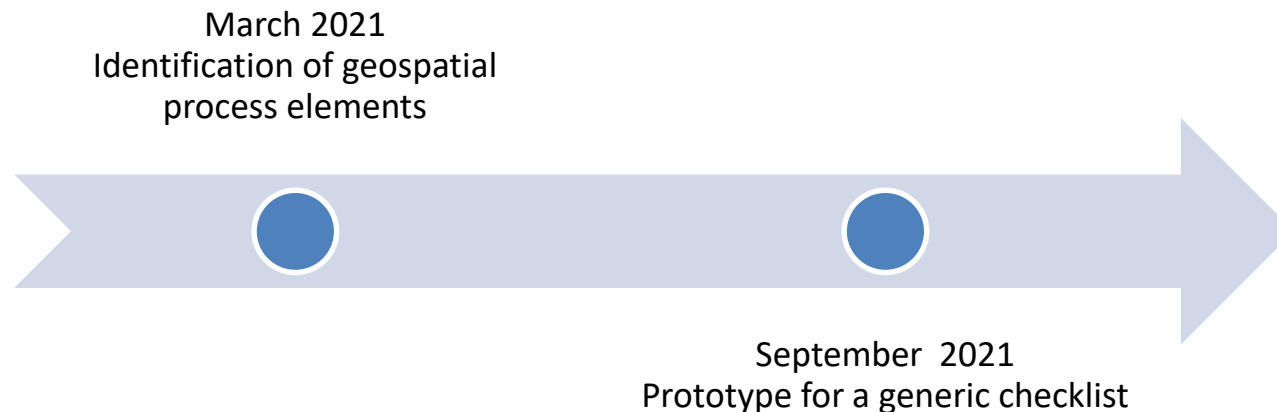


## Start of the Work September 2020

- Considerations how to align with WP 2.
- First brainstorming of possible quality elements related GSGF



1. Identifying quality elements in process steps of statistical production processes, where geospatial processing is either the main topic or part of it.
2. Production of a prototype of a quality checklist based on the set of quality elements identified in task 1.
3. Selection of a well-suited statistical product and completing the prototype checklist by all project partners.



**Do you agree with the proposed grouping of CoP principles based on the outcome of the kickoff meeting?**

No enhancement (1) / Light enhancements (2) / More enhancements (3) (see slide 5 presentation WP3 at today's webinar)

Possible modes of changes on indicator level in the QAF

- no changes necessary (1)
- adding one overarching method (3)
- enhance already existing methods (2,3)
- add new methods (3)

**Is quality of geospatial data more a global (NSI-wide) phenomena or are the product related aspects dominant?**

- Institutional aspects: e.g. NSI-wide availability of historized geo-coding
- Product aspect: e.g. Home location and work location are known and precise enough to compute commuting distances

## Do you have any experiences in the use of geospatial information in quality reporting?

- National examples of good practices
- Are you in regular discussion about this topic with your quality management?
- User request/feedback on quality issues related to geospatial information
- Which quality aspects would you look at first when you receive a data set from another NSI?

# Our Team



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Thank you for your  
attention!