

# Quality Mappings and Quality Audits of Statistical Production Processes





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#### **Quality Management System at Geostat**



- The Adapted global assessment mission conducted jointly by Eurostat and UN ECE Statistical Division in 2012 recommended an introduction of quality management system at Geostat;
- In May 2014 a Methodology and Quality Management Division was created at Geostat;
- Based on the desk research on international standards the EU model as a priority for Quality Assurance Framework based on the ESS Code of Practice (CoP) has been selected.
- The quality component within the cooperation project with Statistics Sweden gave Geostat a good foundation for future work in that area.



### **Quality Mapping at Geostat**



- The list of statistical processes within the organization has been defined (65 processes);
- Quality mappings have been conducted and evaluated for all important regular statistics production processes in 2014-2015;
- The results, including findings and agreed recommendations for improvements, were documented (29 reports in total);
- The recommendations were discussed, and agreed, with the responsible head of production;
- Preparations have been made to follow up those improvements according to the recommendations done.

#### **Quality Audit at Geostat**



- In 2018, Methodology and Quality Management Division started the quality audit of the statistical processes according to the experience gained from quality mapping;
- The aim of the quality audit is the detailed analysis of statistical processes, finding and evaluating the possible risks and monitoring the activities connected to the risks and recommendations found out during the previous processes.



## **Quality Audit at Geostat**



- Training of quality auditors was performed within the cooperation project with Statistics Sweden in February 2018;
- The special pilot quality audit was carried out in April 2018 and they will be regularly held beginning 2020;
- The Audit report was prepared during the process. The report summarized the results and consisted of both deviations and observation.



## **Quality Audit at Geostat**



- Each deviation/observation was thoroughly discussed and agreed with head of subject matter division;
- Further action plan was developed by the head of subject matter division;
- The action plan was monitored by the audit team;
- Routines description for quality audit was developed for the standardization and the existence of guidelines of quality audit process.





## Thank you for attention!

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