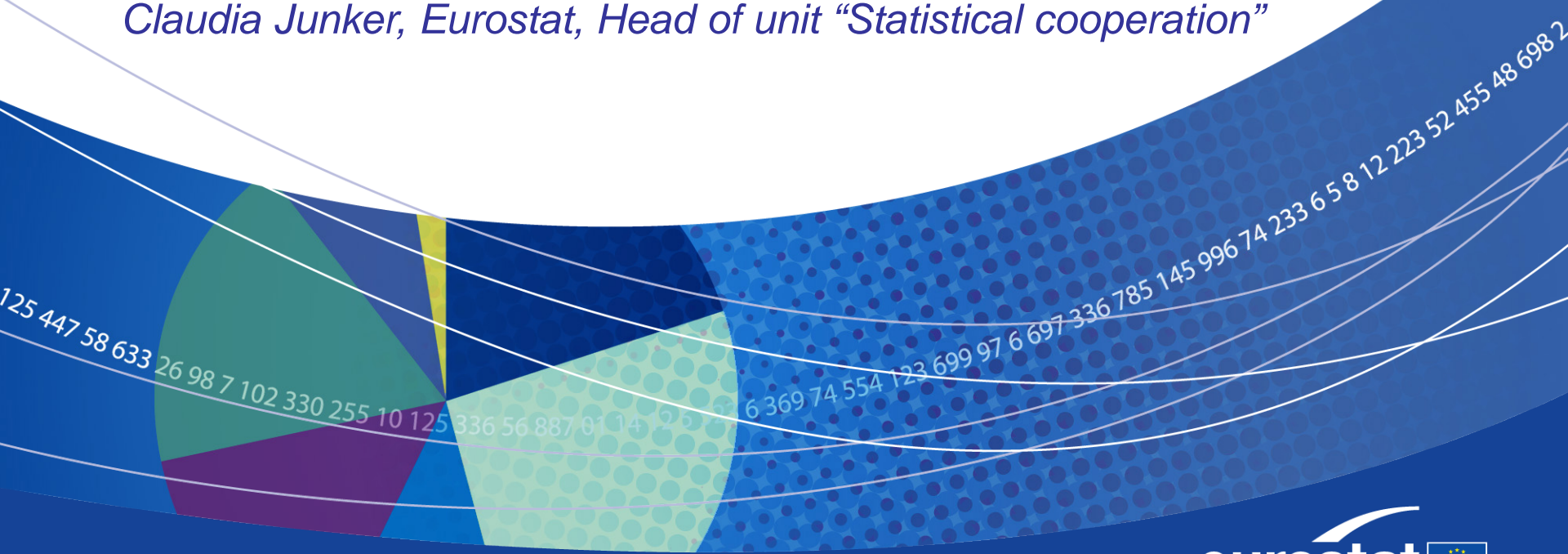


Eurostat/EFTA/UNECE Strategic Management Seminar on Quality Frameworks

The ESS Quality Assurance Framework

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Content

- **European Statistics Code of Practice**
- **Link to the Quality Assurance Framework**
- **Quality assurance framework**
- **Conclusions**

European Statistics Code of Practice

Vision and mission of the ESS

ESCoP

Level 1 = Principles (standards)

15 principles

Level 2 = Indicators (how the standards can be demonstrated and measured)

82 indicators

Quality Assurance Framework

Level 3 = Quality Assurance Framework (general guidance)

- For P4 (quality) and P7-P15 (statistical processes and output) only
- Activities, methods and tools that can be used to implement the CoP standards at an institutional level
- Activities, methods and tools that can be used to implement the CoP standards at an product/survey level
- Reference documentation

Example 1

Principle 8

Appropriate statistical procedures, implemented from data collection to data validation, underpin quality statistics

Indicator 8.6

Revisions follow standard, well-established and transparent procedures

Example 1bis

Principle 8

- Appropriate statistical procedures, implemented from data collection to data validation, underpin quality statistics
- **Indicator 8.6**
- Revisions follow standard, well-established and transparent procedures

Methods at institutional level

- Guidelines and principles related to revisions exist
- Regular activities undertaken to promote methodological improvements

Methods at product/survey level

- Explanations and publication of revisions
- Quality indicators on revisions are published

Example 2

Principle 11

European statistics meet the needs of users

Indicator 11.1

Processes are in place to consult users, monitor the relevance and utility of existing statistics in meeting their needs, and consider their emerging needs and priorities

Example 2bis

Principle 11

European statistics meet the needs of users

Indicator 11.1

Processes are in place to consult users, monitor the relevance and utility of existing statistics in meeting their needs, and consider their emerging needs and priorities

Methods at institutional level

- Legal obligation to consult users
- Regular and structured consultation procedures
- Analysis of the use of statistics

Methods at product/survey level

- Register of key users
- Quality indicators on relevance

Principle 4 – Commitment to quality

P4: Statistical authorities are committed to quality. They systematically and regularly identify strengths and weaknesses to continuously improve process and product quality.

Indicator 4.1: Quality policy is defined and made available to the public. An organisational structure and tools are in place to deal with quality management.

Methods at institutional level

1. a quality commitment statement
2. an organisational structure for managing quality
3. definition of quality guidelines
4. availability of quality guidelines
5. an infrastructure for documentation
6. training courses

Principle 4 – Commitment to quality

P4: Statistical authorities are committed to quality. They systematically and regularly identify strengths and weaknesses to continuously improve process and product quality.

Indicator 4.2: Procedures are in place to plan and monitor the quality of the statistical production processes.

Methods at institutional level

1. methodological and technical support and general tools

Methods at product/survey level

2. procedures to monitor process quality

3. a quality assurance plan

Principle 4 – Commitment to quality

P4: Statistical authorities are committed to quality. They systematically and regularly identify strengths and weaknesses to continuously improve process and product quality.

Indicator 4.3: Product quality is regularly monitored, assessed with regard to possible trade-offs, and reported according to the quality criteria for European statistics.

Methods at institutional level

1. procedures to monitor product quality
2. user satisfaction survey

Methods at product/survey level

3. user oriented quality reports
4. producer oriented quality reports
5. product quality monitoring

Principle 4 – Commitment to quality

P4: Statistical authorities are committed to quality. They systematically and regularly identify strengths and weaknesses to continuously improve process and product quality.

Indicator 4.4: There is a regular and thorough review of the key statistical outputs using also external experts where appropriate.

Methods at institutional level

1. a plan for implementing quality reviews
2. a structure for quality reviews
3. training of internal auditors
4. reference documentation
5. action plans
6. feedback from users
7. deployment of outside experts
8. benchmarking

Conclusions

- CoP is the start (peer review, global assessment, monitoring of improvement actions)
- QAF is the next step (quality procedures)
- Regular quality monitoring and reporting – how to do it?

Thank you for your attention

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