



12th European Conference on Quality in Official Statistics (Q2026)
Training course on “The power of quality management in official statistics “

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Course description: The power of quality management in official statistics lies in the ability to ensure that the Systems underlying its production processes deliver relevant, accurate, accessible, timely, coherent, comparable, protected and confidential statistics thus upholding public trust and the institutional legitimacy of the organisations that produce them.

Quality official statistics are rooted in solid principles, well-structured processes, internationally recognised standards, and an organisational culture committed to continuous improvement, transparency, and accountability.

In a context of a fast-evolving technological transformation and data ecosystems, regulatory frameworks, and growing demands to deliver public value from data, statistical systems face the challenge of ensuring quality, consistency, and social utility in an environment where data are a strategic asset. Quality management has thus become a cornerstone of institutional resilience, credibility and trust.

This course aims at offering a practical and integrated approach to quality management in official statistics, based on widely recognised international frameworks. As well as discussing the impact of Artificial Intelligence (AI) in statistical production, not only as an opportunity, but as a challenge to quality management and ultimately its impacts in data governance and institutional trust.

Special attention is given to the integration between ISO-based quality management systems and the operational and ethical frameworks of statistical systems, regardless of their level of institutional maturity, by using practical examples at statistical production processes level.

Main goals:

- ✓ Apply international quality frameworks to official statistics (UN, ESS QAF, ISO 9001, GSBPM)
- ✓ Integrate risk management into statistical processes (e.g. ISO 31000)



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- ✓ Evaluate and improve process maturity (CMMI model)
 - ✓ The importance of knowledge management to ensure organisational continuity (e.g. ISO 30401)
 - ✓ Discuss AI challenges to statistical quality and trust in line with European and international principles
 - ✓ The role of audits for monitoring, improvement and accountability (ISO, peer reviews)
 - ✓ Explore Quality 4.0 in official statistical production

Target audience: The course is addressed to professionals involved in the production of official statistics, as well as those from other organizations, who are interested in reflecting on approaches to quality management systems and the adoption of normative frameworks.

Laptop -

Max no. of participants 35

Data & Tools -

Suggested reading: [European Statistics Code of Practice](#)
[Quality Assurance Framework \(QAF\) of the European Statistical System](#)
[United Nations Fundamental Principles of Official Statistics](#)
[Generic Statistical Business Process Model \(GSBPM\)](#)