Quality assurance and quality monitoring:
International principles and good practices

Sound institutional environment, cooperation, dialogue and partnerships for the production and utilization of SDG indicators

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What do we mean by quality?

Fit-for-purpose
Quality Assurance Framework (QAF)

- Institutional and organizational set-up
- Statistical Input
- Statistical business architecture and production processes
- Statistical output
  - Relevance
  - Accuracy and Reliability
  - Timeliness and Punctuality
  - Coherence and Comparability
  - Accessibility and Clarity
QAF – Organisational set-up

- A quality policy is made publicly available with clear principles and objectives
- An organizational structure is in place to deal with quality management (cross-cutting)
- Procedures are in place and implemented to assess, plan, monitor and report on quality of input, processes and outputs
- A quality report is submitted to the Statistical Council and made publicly available
QAF - Input

- Clear mandate for data collection for NSS (Law and programmes)
- Access to/transfer of administrative data with identifier
- Obligation for respondents to participate
- Statistical confidentiality
- Balance costs, response burden and quality
- Sharing data among partners of the NSS
- NSO consulted when collection of administrative data changes (scope, quality, periodicity, granularity, timeliness…)
- Interactions with holders of other data sources (NGOs, Big Data, geospatial information) to explore jointly the potential of this data for the production of official statistics
Quality is embedded in processes
QAF – Business architecture and processes

- Sound methodology is used throughout the production process
- Adequate tools, procedures and expertise are deployed to support the production of statistics (business architecture)
- Production processes are mapped (GSBPM) and documented
- Production processes are efficient, effective and statistical confidentiality secured; including when data are stored
- Before launching a statistical survey an assessment of existing data sources is conducted (quality vs. costs)
QAF - Output

- Users are regularly consulted (content, format, timing of releases)
- Users have equal and simultaneous access to official statistics
- Official Statistics are disseminated in a user-friendly way
- Statistics are disseminated with metadata
- Advance release calendar with clear updating procedures are publicly available
- No political statement in statistical publications
- Errors are corrected and users informed accordingly
- Direct and indirect Confidential data are not
- Right for NSS to comments on misinterpretation of statistics
Improving the Institutional Environment and Quality

- Know your starting point
- Assess costs and benefits of institutional improvement
- Prioritize - Identify sustainable “quick wins”
- Seek support
- Target resources accordingly
For questions and comments:

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