TOWARDS AN INTEGRATED ANALYTICAL APPROACH

Workshop on Human Resources Management and Training: Modernizing statistics - how to get there?

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ANALYSES AS A PART OF
STATISTICAL PRODUCTION PROCESS

- collecting of raw data
  - use of specialised methods and tools

- data preparation and processing

- compilation of analytical results and indicators

- factual interpretation of socio-economic phenomena
  - knowledge integration from different research areas

- preparation of analytical studies and final statistical products
  - methodological change tracking, current authentication of various regulations, frequent update of information systems
PRESENT STATE OF ANALYTICAL WORKS

DIAGNOSIS

- analytical works conducted within particular units specializing in certain domains,
- thematically oriented analyses,
- tabular-analytic compilations,
- limitation of specialised knowledge to the small group of specialists,

NEED FOR CHANGE
RECOGNITION OF NEEDS

PROFESSIONAL ANALYTICAL UNIT

- to anticipate users’ demand for explanation of socio-economic phenomena (based on statistical and non-statistical content)
- to adjust content and presentation forms to diverse users’ needs
IDENTIFICATION OF ANALYTICAL POTENTIAL

COMPETENCY PROFILE TEMPLATE

report on skills and experience of people to be selected to the analytical resource

- education
- seniority in official statistics
- professional experience in:
  - compiling analytical publications,
  - reviewing analytical texts,
  - monitoring socio-economic situation,
  - visual forms of data presentation,
- knowledge of mathematics, econometrics, statistical methods etc.
- software skills (SPPS, SAS, STATISTICA)
ANALYTICAL RESOURCE

DEPARTMENT 1 ➔ ANALYTICAL RESOURCE
DEPARTMENT 2 ➔ ANALYTICAL RESOURCE
DEPARTMENT 3 ➔ ANALYTICAL RESOURCE
DEPARTMENT 4 ➔ ANALYTICAL RESOURCE
DEPARTMENT 5 ➔ ANALYTICAL RESOURCE
DEPARTMENT 6 ➔ ANALYTICAL RESOURCE
REGIONAL OFFICE 1 ➔ ANALYTICAL RESOURCE
REGIONAL OFFICE 2 ➔ ANALYTICAL RESOURCE

350 number of people appointed to the ANALYTICAL RESOURCE

regional offices, 64%

CSO, 36%
DOMAIN ANALYTICAL TEAMS
DOMAIN ANALYTICAL TEAMS

**AIM**

to integrate a group of people, oriented towards the expansion of specialized knowledge, highly desirable in analytical works

**SUBJECT SCOPE**

- **thematic areas**, e.g.
  - labour market
  - education
  - industry
  - trade etc.

- **multi-aspect issues**
  - national accounts
  - sustainable development
  - green economy

**DUTIES**

- conducting analyses with use of advanced methods and tools,
- sharing knowledge and experience,
- adjusting content and presentation forms to users’ needs,
- enhancing statistical products
THE ANALYTICAL TEAMS’ EDUCATION SYSTEM

“permanently strengthen the analytical potential of official statistics by popularisation of statistical and economic knowledge as well as analytical skills in order to enrich and diversify information services offered by official statistics”
CONCLUSIONS

Towards successful analytical works organisation:

- appropriate organisational infrastructure
- increasing effectiveness of official statistics services
- improvement of essential skills and qualifications
- broader access to interdisciplinary information resources and complex statistical metadata system
- use of advanced analytical tools
- intensified cooperation with the research and scientific environment
- drawing on national and international performance
Thank you for your attention!

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