GOPA implementing SDMX

Opportunities and challenges
Content Overview

• About GOPA
• The project, SDMX implementation, and strategy
• The way forward
• Opportunities
GOPA Consulting Group in Figures

- A leading consulting group dedicated to perform and effectively contribute to international cooperation
- Founded in Germany in 1965.
- 736 employees in 7 member companies, including GOPA Consultants in Bad Homburg near Frankfurt, Germany and GOPA Luxembourg.
- Consulting services covering several service areas, including: statistics, governance, education, environment, Monitoring and evaluation, information technology, and infrastructure.
Involvement of the private sector in SDMX

GOPA as subcontractor in SDMX implementation

- Needs identification
- Legal framework
- Pilot phases of project
- Methodological support
  - Data, metadata and methodological expertise
  - Statistical domain expertise
- Capacity building
- Project management expertise
SDMX Implementation as subcontractor

- Legal framework
  - Organisation & Project Management
  - Methodology & Statistics (Data and metadata)
  - Implementation
  - Pilot
SDMX Implementation as subcontractor

**Phase 1**
Preparation for the implementation of SDMX
Stocktaking exercise and analysis of existing data
Analysis, Development and documentation of statistical standards and classifications, metadata

**Time**
May 19 - Sept19

**Phase 2**
Pilot project and feasibly study in the area of National Accounts (GDP)
Training of staff in SDMX and external experts/methodological training, Pilot and feasibility study

**Time**
Oct 19 – Dec 19

**Phase 3**
Implementation of SDMX for the Pilot project in the whole region
Institutional agreement, standardization/harmonization design, building, dissemination

**Time**
Jan20 – Mar20

**Phase 4**
Implementation of SDMX in other stat. domains according to DSD availability and prioritising in the first phase of the projects, taking into consideration importance of domains

**Time**
Apr20 – Oct20

**Phase 5**
Maintenance and further development of SDMX
Establish and maintain SDMX process and maintain, use and maintain registry stored SDX DSD(s)

**Time**
From Oct20

Quality controls, implementation of international standards
SDMX Implementation Scenario 1

- Current standard in NA in the region
- Stocktaking and harmonization

1993 SNA → Data metadata → SDMX-ML file → Fusion Registry → GDP

Fusion Registry:
- Input & Processing environment
- Verification / Conversion to SDMX
SDMX Implementation Scenario 2

1993 SNA

- Current standard in NA in the region
- No harmonized approach

Central NSI Registry

Verification / aggregation/validation
Conversion to SDMX

SDMX-ML file

GDP
SDMX Implementation Scenario 3

1993 SNA
- Current standard in NA in the region
- No harmonization

Central NSI

SDMX-ML file

GDP

SDMX Implementation Scenario 3

Data metadata

Data

Harmonized files

Send to the NSOs

Confirm and send back to Central NSI
SDMX Implementation Scenario 4

1993 SNA
- Current standard in NA in the region

2008 SNA
- Methodological shift and implementation of new international standards

Methodology

IT-infrastructure

GDP

1993 SNA
- Several NSIs

Data Migration
- Data process
- new DSD

Scenario 1
Scenario 2
Scenario 3

Regional GDP
SDMX Implementation Scenario 5

1993 SNA

Current standard in NA in the region

2008 SNA

Methodological shift and implementation of new international standards

NSI

Verification/aggregation/validation
Conversion to SDMX

Fusion Registry

1993 SNA

DSD 1993 SNA

SDMX-ML file

GDP

Data migration

Data process

Matching Matrix

NSI

DSD 2008 SNA

New Data Metadata

GDP

2008 SNA

Regional aggregate

Scenario 1

Scenario 2

Scenario 3

DSD 2008 SNA

SDMX-ML file

GDP
Private Sector

1. Methodological support in different domains and network of experts
2. Beyond institutional boundaries – client orientation
3. Strategy partnership in IT-solutions (end-to-end solutions)
4. PM and social skills