Streamlining production of official statistics in a supranational context

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Political context

- Organization of 27 national statistical authorities plus Eurostat in a system – European Statistical System - with a legal framework, a governance structure, a collaborative organisation, collaborative tools and resources, production of harmonized statistics.
The challenge:

- Increasing necessity to deliver trusted quality at minimal risks (impact of the current economic crisis)
- World where problems do not stop at frontiers and require Global approaches
- New data needs and new opportunities (techniques, data sources ...)
- New competitors
The response

- A more federated system of production of European statistics developed with a Joint Strategy
Elements to implement the Joint Strategy

- New policy instruments
- Common designs to foster convergence
- Multiannual planification
- Stepwise implementation
Policy

• A joint strategy based on a communication of the Commission
• New legal framework: regulations with broader scope, cross-cutting legislation, multi-annual programme approved by EU
• New kind of collaborative work: ESSnets, operating grants, competence centres
• More streamlined governance structure
• Concentration of resources on flagship initiatives
Design

• **Definition of basic architectural principles:**
  - information is a shared aspect
  - production processes are interoperable and built on share components

• **Definition of a “to be state” in a 10 years horizon**

• **Promotion of a stepwise approach based on a limited number of business priorities (flagship initiatives)**

• **Promotion of standards (information process …)**
Implementation

• Identification by the business of flagship initiatives – called ESS-VIP - in the area of:
  - Foreign trade statistics
  - Business registers
  - National accounts
  - Prices and transport statistics
  - ICT
  - Use of administrative sources

• Identification of common elements of infrastructure (cross-cutting issues)
  - Information models
  - Networks
  - Shared services including validation
  - Datawarehouses
Implementation

*ESS-VIPs based on business cases developed with Member States.*

*Set of projects organised as a programme with common work packages and common governance.*
The ESS in 10 years time

- Common information models for macrodata, microdata, metadata (on quality, process) and rules
- Common ESS services (e.g. validation, seasonal adjustments) based on a common IT reference architecture
- Common methodologies to access, combine data sources
- Common ESS data stores fed by certain microdata from MSs (foreign trade statistics, prices ...)
- More coordinated and consistent set of business (including groups) registers
- New ways to exchange data to avoid duplication of storage, to ensure consistency between European and national data