European Commission

ESS Vision 2020 and its implementation

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Content of the presentation

The ESS Vision 2020:

WHEN all this started?

WHY the ESS needs a common Vision?

WHAT objectives do we pursue?

HOW do we want to get there?

WHO is involved?

WHEN? Key milestones of the ESS Vision 2020

Sep 2013	first top level brainstorming, creation of a task force on a vision for the European Statistical System (ESS)
May 2014	**ESS Vision 2020** endorsed by the ESS Committee (ESSC)
Sep 2014	portfolio management approach agreed
Jan 2015	governance of the implementation activated
Feb 2015	project prioritisation – initial ESS Vision 2020 **portfolio** approved by the ESSC;

since then – regular portfolio management

WHY a strategic debate on the future of European statistics?

Information and knowledge are fundamental building blocks for all modern societies

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Official statistics offer an information infrastructure and a public good *that responds to the needs of many categories of users - citizens, decision makers, researchers and journalists*

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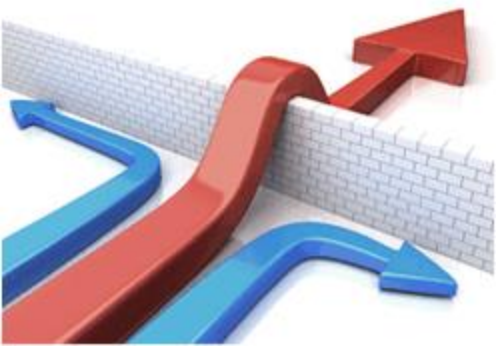

Official statistics have always strived to adapt to major developments in society and the economy

Four main drivers for ESS Vision 2020

Data revolution	New metrics	Price of statistics	Future of Europe
Digital transformation	Globalisation	Quality vs. resources	Enhanced economic governance
New data sources	Complex reality	Reduced budgets	Evidence based policy making
Competition among data providers	Geo-details	Cutting the red tape	Objectives, thresholds, quality requirements

WHAT? Key areas… …and objectives

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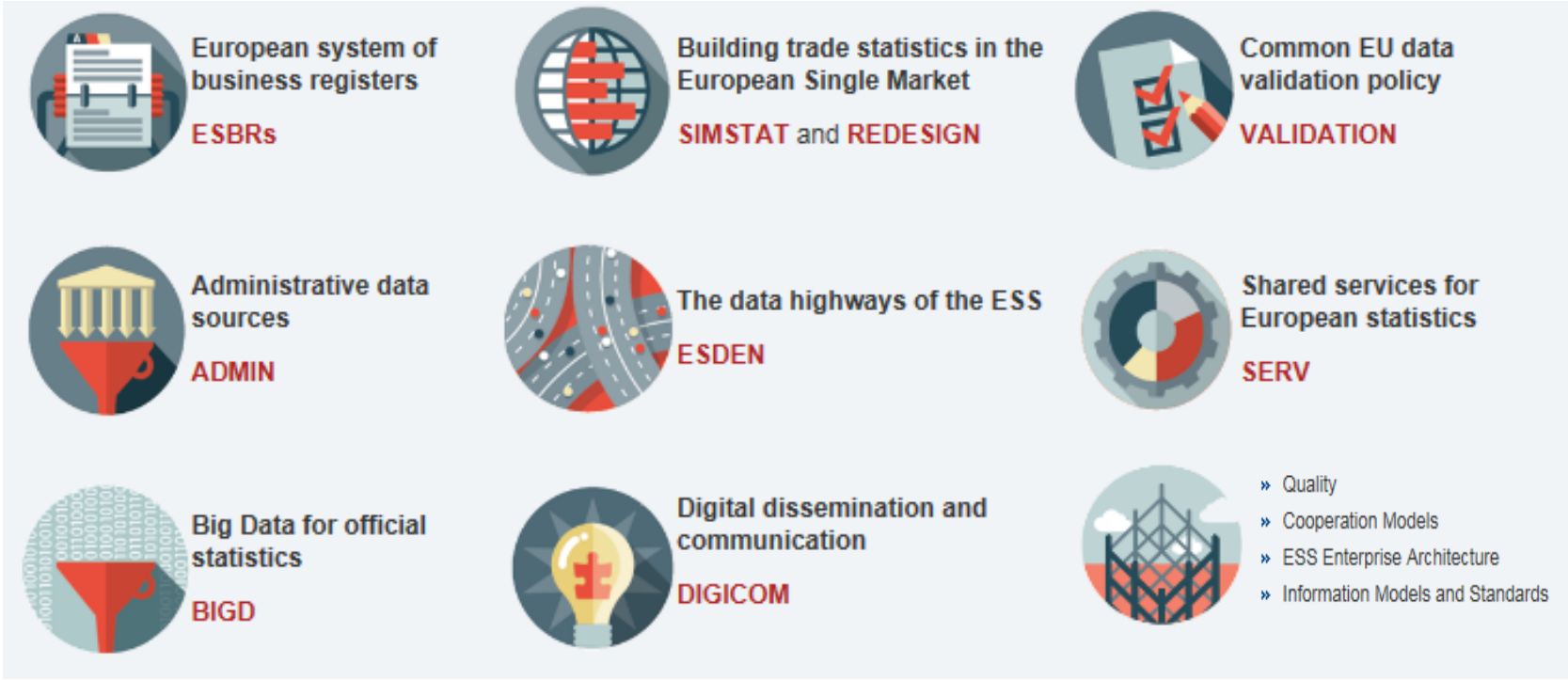
Users	• better understand and address user needs • be a global partner and leader for innovation • build strategic alliances with public and private partners
Quality	• abide with the European Statistics Code of Practice • enhance quality management • assess the usability and quality of source data • promote quality of European statistics
New data sources	• exploit potential of new data sources • invest in new IT tools and methodology • continue to improve existing data collection methods
Production process	• further intensify the collaborative partnership of the ESS • further identify and implement standards for statistical production • adopt enterprise architecture as a common reference framework • advance in sharing IT services and infrastructure • benefit from exchange of (micro)data, while fully respecting statistical confidentiality
Dissemination	• adopt new dissemination and communication strategy • create a data pool of European statistics • optimise ESS portfolio of products and services • promote European statistics as a brand

HOW? ESS Vision 2020 portfolio



Conditions for a balanced Vision portfolio:

The ESS Vision 2020 portfolio should:

consist of limited number of projects;

that cover all five key areas of the Vision;

without overlaps between the projects;

with clear deliverables and benefits for each project.

Portfolio prioritisation

Prioritisation criteria drawn from project, programme and portfolio management standard methodologies

Attractiveness

- Strategic fit; architectural fit; perceived benefits; product enhancement potential

Achievability

- Degree of challenge; capability to deliver

Affordability

- Whole life cost of the project

Projects

***SIMSTAT**: testing the exchange of microdata for a new approach to compiling intra-EU trade in goods statistics*

***ESBRs**: network of European business registers, EuroGroups Register (EGR)*

***VALIDATION**: common data validation standards and rules*

***ADMIN**: enhanced use of administrative data sources for statistical production purposes*

Projects (2)

***ESDEN**: data highways for microdata exchange between ESS partners*

***SERV**: towards sharing specific services in statistical production*

***BIGD**: harnessing new data sources (focus on Big Data)*

***DIGICOM**: optimising user analytics, communication and data dissemination tools*

WHO? Governance of the ESS Vision 2020 implementation

Portfolio management approach *applied as agreed by the* ***ESS Committee*** *(owner of the ESS Vision 2020 and decision-maker)*

Vision Implementation Group (VIG) *established: 10 Member States and Eurostat (Chair)*

Vision Implementation Network (VIN) *to spread information across the ESS and get involvement of all Member States*

Porftolio Management Bureau (PMB) *at Eurostat to support the daily operations of the VIG*

Vision Implementation Group (VIG)

…coordinates the ESS Vision 2020 implementation

…performs regular strategic monitoring of the portfolio ensuring that the objectives are met and efficiency maximised

…steers the risk management

…assesses new project ideas

…advises the ESS Committee on all decisions in Vision-related matters

…regularly informs all ESS partners about the progress

…promotes the ESS Vision 2020 and its achievements

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Thank you for your attention!

Success story: SIMSTAT+ESDEN

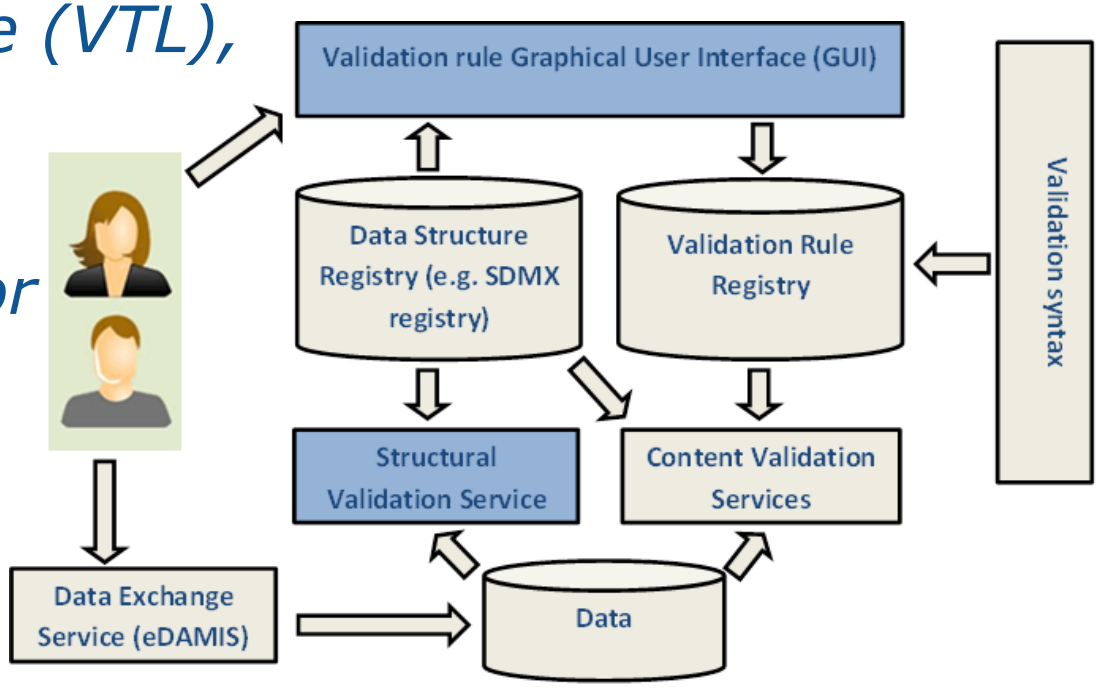
- Successful pilot exchange of micro-data in SIMSTAT;
- Large amount of data transferred without incidents;
- No security problems concerning the data;
- Connection of 20 Member States with a complicated network of actors involved;
- ESDEN network can be re-used for other secure data exchanges!

ESBRs (business registers)

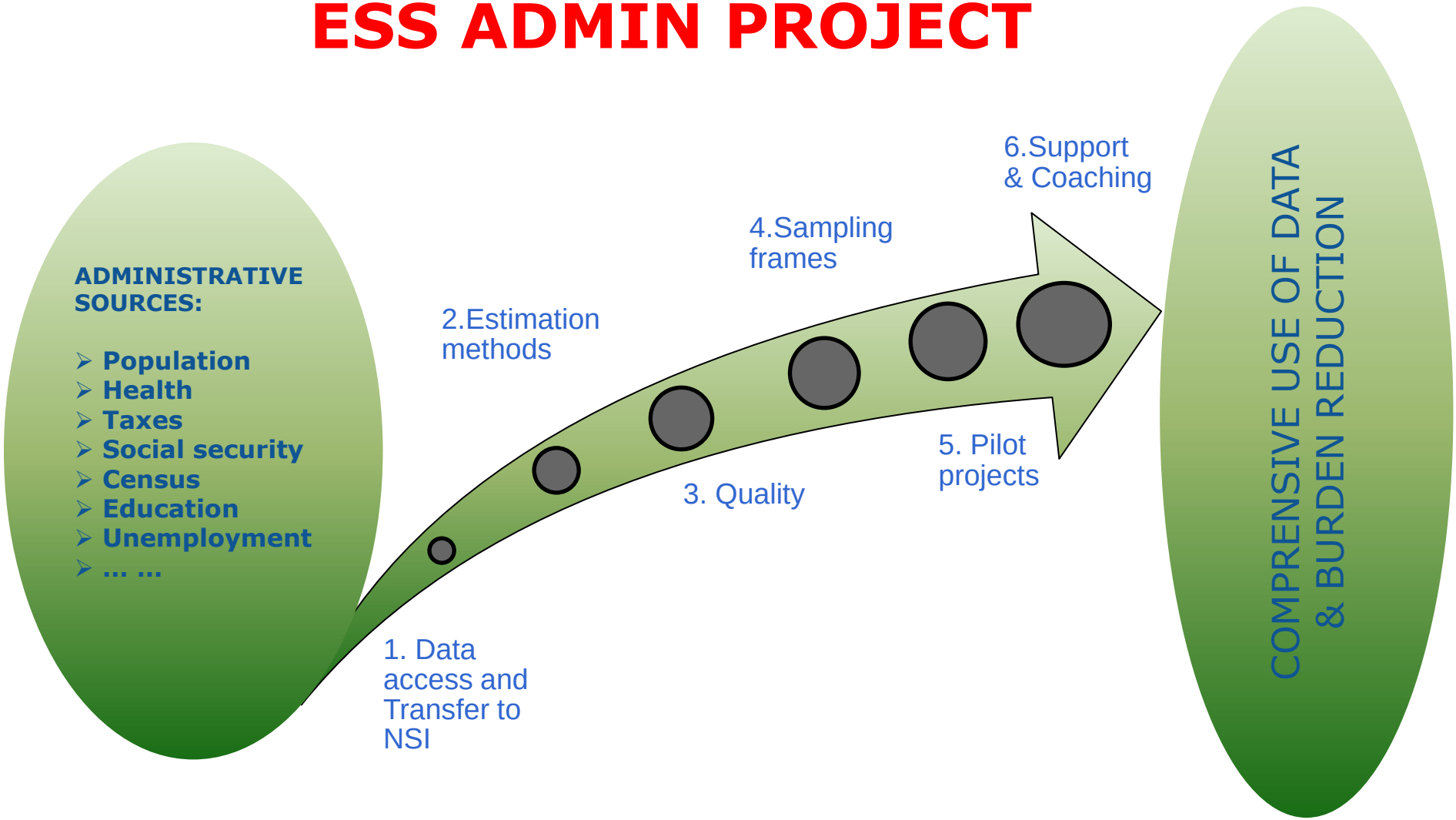
- Example of very close collaboration
- EuroGroups Register (EGR) 2.0 in production
- Secure remote access to microdata established
- Interactive Profiling Tool (IPT) in production – first ESS attempt for online collaborative profiling
- 32 countries involved, 300 top groups profiled
- Profiling methodology stabilised

First finalised ESS.VIP: Validation

- *Project successfully finalised: methodological handbook (definitions, classifications, metrics), validation language (VTL), architecture, service prototypes*
- *Now – preparing for implementation*
- *Discussion in the May ESSC*



ESS ADMIN PROJECT



Big Data pilots within ESS

- **Web scraping**
  - job vacancies; enterprise characteristics
- **Smart meters**
  - electricity consumption ; temporary vacant dwellings
- **Automatic Identification System (Ships)**
  - vessel identification data
- **Mobile phone data**
  - Preparing for Access to data
- **Scenario for using multiple inputs**

Innovation in official statistics: ESS.VIP DIGICOM

- **Aim: to enhance the capacity of the ESS to be agile and responsive to our users' needs**
  - Improve methods for gaining insight into unmet needs of current and future users
  - Develop the innovative solutions meeting those needs
  - integrate with open data initiatives
  - Made available the reusable dissemination tool through ISA JoinUP EU platform for Public Administrations.

Shared SERVices

- *CSPA compliant archietecture of services*
- *Infrastructure for hosting services set up*
- *Service catalogue for ESS community*
- *Interaction and support to Validation and ESBRs*
- *Phase 2 to be discussed by the VIG and ESSC (list of prioritised shareable services, open source handbook, service guidelines, recommendations for governance of services)*