Workshop on the Modernisation of Statistical Production and Services

November 19-20, 2014

The Role of Big Data in the Modernisation of Statistical Production and Services

Overview of the Project

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Agenda

• Overview of the project
• Presentation from the Partnership, Privacy and Quality teams
• BREAK
• Sandbox presentation
• General discussion of all Big Data project results
Project Objectives

To identify, examine and provide guidance for statistical organizations to identify the main possibilities offered by Big Data and to act upon the main strategic and methodological issues that Big Data poses for the official statistics industry.

To demonstrate the feasibility of efficient production of both novel products and 'mainstream' official statistics using Big Data sources, and the possibility to replicate these approaches across different national contexts.

To facilitate the sharing across organizations of knowledge, expertise, tools and methods for the production of statistics using Big Data sources.
Virtual sprint (March)

Guidelines

Task teams (May)

Consultation (April)

Physical sprint (April)

Physical sprint (April)
Priorities

Privacy Task Team

Quality Task Team

Sandbox Team

Partnerships Task Team
Priorities

Modernisation Committee on Products and Sources

Partnerships Task Team

UNSD Big Data Questionnaire

Modernisation Committee for Organisational Frameworks and Evaluation

Sandbox Team
Collaboration

Task Teams

Modernisation Committees

Sandbox Experiments

External partners
Approach

Analysis of best practice and available documentation

Training and capability building (Rome, May)

Work in virtual teams on two-week schedule

Virtual sprints

Face to face workshops (Heerlen, September)
Definition of success

Success criteria for the individual work packages

1. A consistent international view of Big Data opportunities, challenges and solutions, documented and released through a public web site

2. Recommendations on appropriate tools, methods and environments for processing and analysing different types of Big Data, and a report on the feasibility of establishing a shared approach for using Big Data sources that are multi-national or for which similar sources are available in different countries.

3. Exchange of knowledge and ideas between interested organizations and a set of standard training materials

4. The project is completed on schedule, and delivers results that are of value to the international statistical community.

All this is feeding in the future work
Big Data is new frontier - still more questions than answers, and recommendations will require more time to get confirmed but we have momentum and good foundations for the future work!
Thank you!

Executive Board, Modernisation Committees

3 Task Teams

7 Sandbox Experiment teams

1 Project Manager
2 Coordinators

75 individuals