2014 Project

The Role of Big Data in the Modernisation of Statistical Production

This project was a collaborative approach, bringing together over 70 experts from national and international statistical organisations around the world to identify and tackle the main challenges of using Big Data sources for official statistics. The project ran from January to December 2014, and had three main objectives:

- To identify, examine and provide guidance for statistical organizations on 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.

There is an Executive Summary and a Project Overview Report available.

Specific outputs from the project include:

- **Guidelines for the Establishment and Use of Partnerships in Big Data Projects for Official Statistics**
- **Privacy and Big Data**
- **Big Data Quality Framework**
- **Training Materials for Sandbox Tools**
- **Experiment Reports**
- **BDI**