

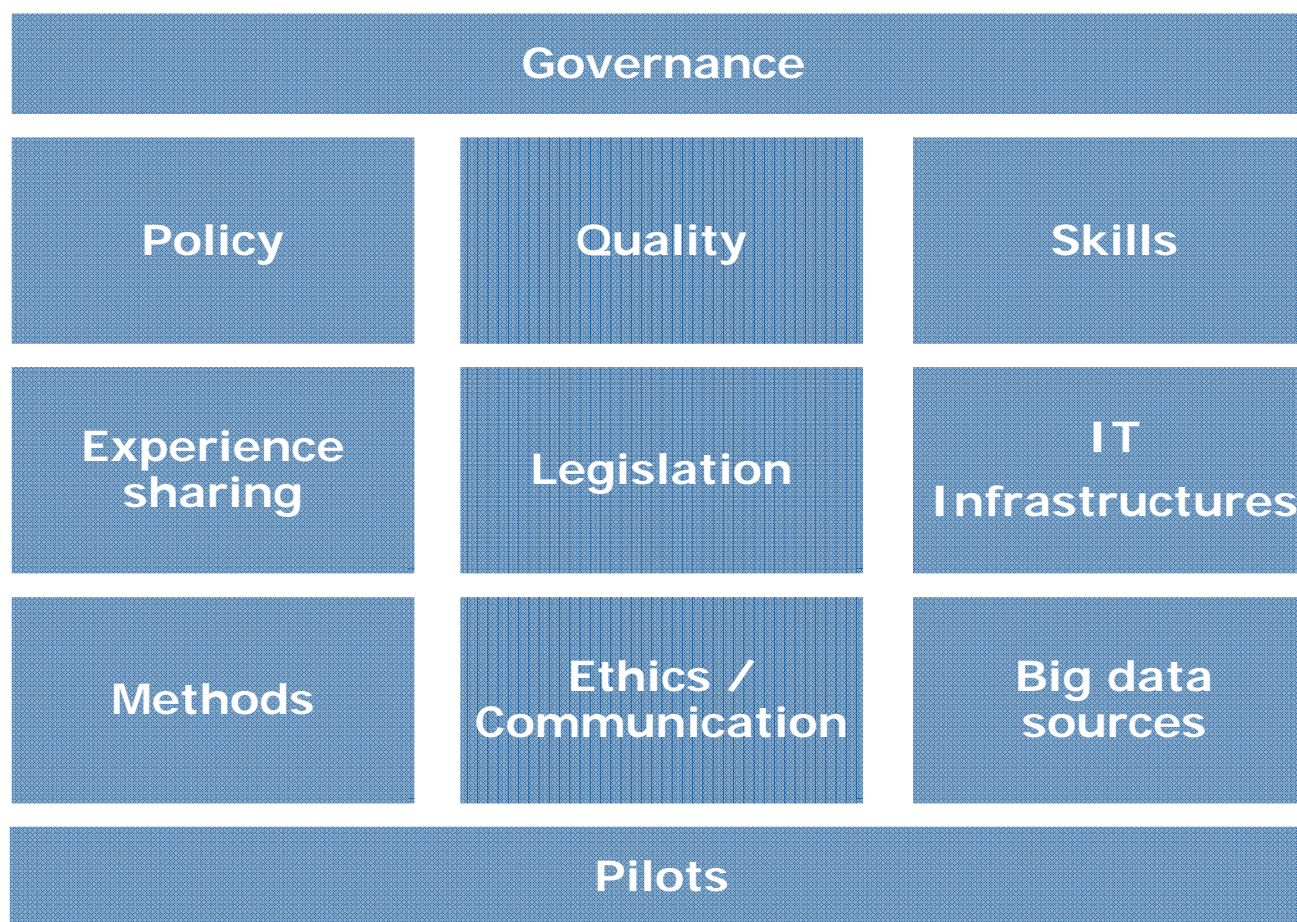


Modernisation: Big Data & Smart Statistics

4th Global Conference on Big Data for Official Statistics
8 - 10 Nov 2017, Bogota
Albrecht Wirthmann



Big Data Action Plan and Roadmap @ a glance



Policy and Legislation



- **ESS Vision 2020**

 - Big Data Roadmap and Action Plan

 - Assessment of national and EU legislation concerning use of big data sources

- **Position paper of ESSC on access to privately held data**
(Nov 2017)

- **"Data, Information and Knowledge"** (2016)

- **"Building a European Data Economy"** (2017)

 - Workshop on access for public bodies to privately-held data of public interest (2017)

- Review of the **Directive on the re-use of Public Sector Information** (2017)



Experience sharing and Skills

Big Data Sandbox

Annual Workshops

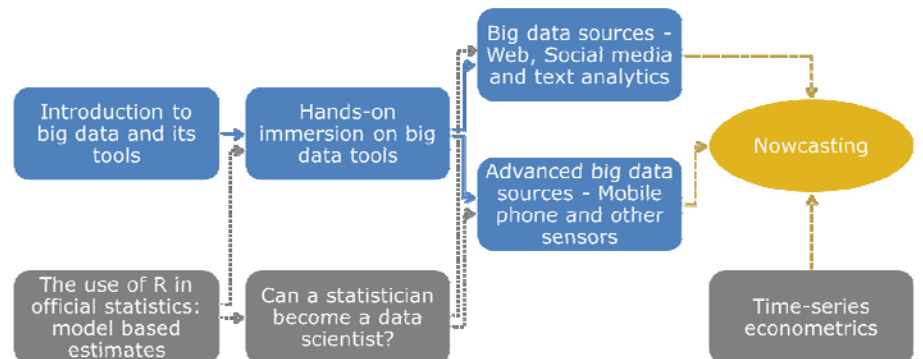
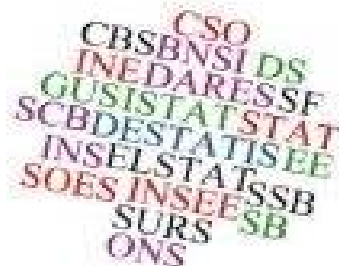
European Big Data Hackathon and follow-up (Mar, Sep 2017)

Project inventory

(GWG Big Data, 2015-16)

Skills analysis and inventory

ESTP Big Data training courses



■ Big data courses ■ Methodology courses ● Activity

Big Data Pilots

CSO
CBS
NSI
DS
INED
ARESS
F
GUSI
STAT
STAT
SCB
DESTAT
ISEE
INSEL
STAT
SOES
INSEE
SSB
SURS
SB
ONS

ESSnet Big Data



Quality, Methodology, Integration, IT

https://webgate.ec.europa.eu/fpfis/mwikis/essnetbigdata/index.php/Main_Page

From Big Data to ...

A set of sensors, actuators, smart objects, data communications and interface technologies that

- allow information to be collected, tracked and processed across local and global network infrastructures,
- enabling the future hyper-connected society



... Smart statistics

... data capturing, processing and analysis will be embedded in the system itself ...

... intelligence along data life-cycle is expected to be enhanced with cognitive processes

