

Introduction to the ESSnet Big Data

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Dissemination Workshop ESSnet Big Data
Sofia, 23-24 February 2017



Statistics
Netherlands

The ESSnet Big Data

Framework Partnership Agreement: 22 partners

eurostat 



Two Specific Grant Agreements:

SGA-1:	February 2016 – July 2017	1.0 M€
SGA-2:	January 2017 – May 2018	1.0 M€

ESSnet Big Data: Pilots

List of pilot projects

- **Web scraping (2 work packages)**
 - job vacancies ; enterprise characteristics
- **Smart meters**
 - electricity consumption ; temporary vacant dwellings
- **Automatic Identification System (AIS)**
 - vessel identification data
- **Mobile phone data**
 - preparing for access to data
- **Early estimates**
 - various domains
- **Multiple domains**
 - population, tourism / border crossing, agriculture



Subdivision of Pilots into Phases

1. **Data access**
 - Conditions; partnerships
2. **Data handling**
 - Production criteria; micro versus aggregated data; visualisation
3. **Methodology and technology**
 - Methodology for long lasting statistics; process design
4. **Statistical output**
 - Examples of existing and new outputs; potential users; comparison with current estimates (quality, timeliness, level of detail)
5. **Future perspectives**
 - Applicability in ESS; future production process; exploration of further possibilities of using and combining (big) data sources

And now...

