



# Business case: Smart statistics and big data

ESSnet Big Data

Brussels,

26-27 October 2017

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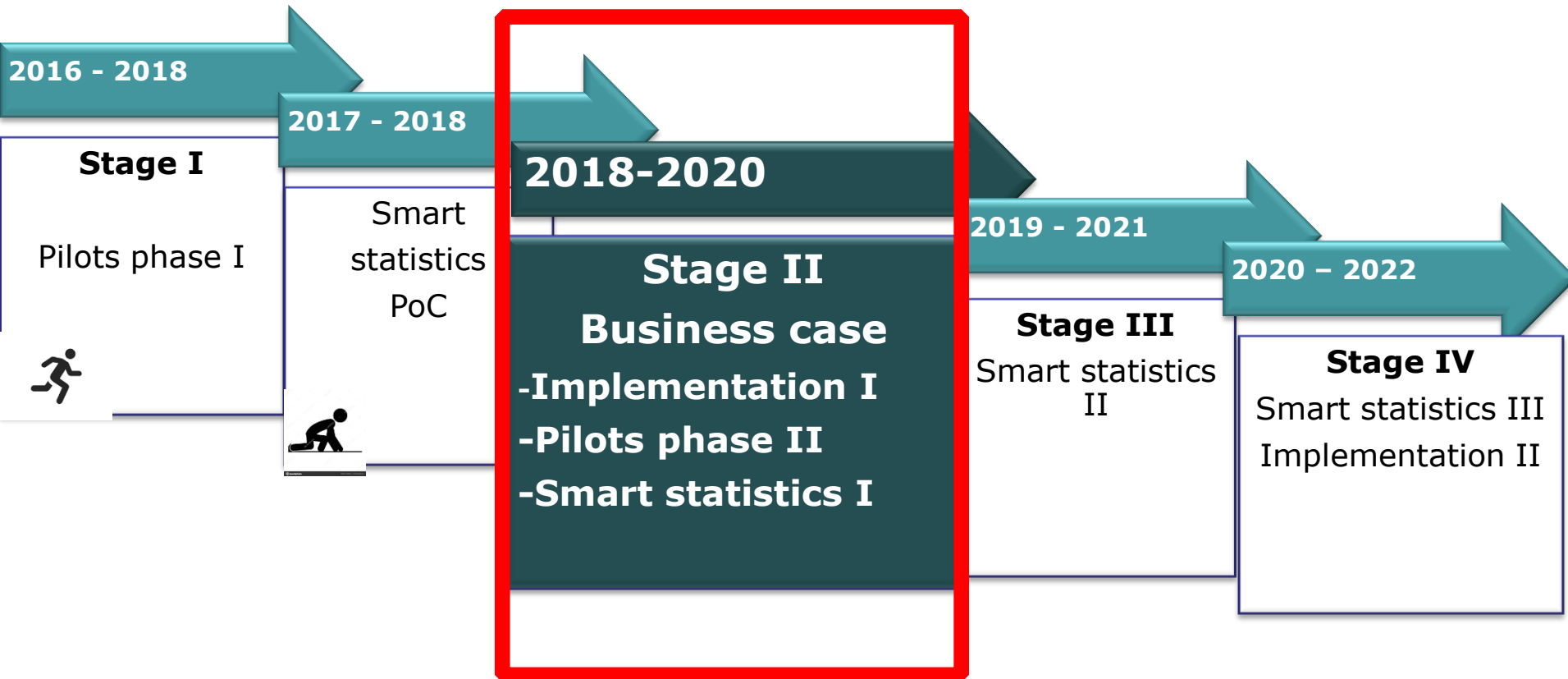
## Business case, 2018 – 2020:

- Overall planning (stages, projects, phases, ...)
- Process
- Contents (2018-2020)
  - **Implementation phase I**
  - **New Pilot projects**
  - **Extend the work on smart statistics**

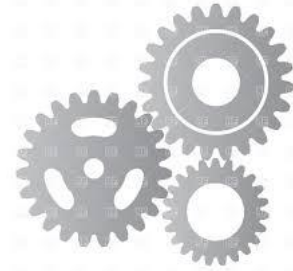




# Overall planning: Stages, projects, phases! (1/2)







## Information on the process

- Eurostat DM 13/10/2017 • **Decision → update**
- **BD SG** 20/10/2017 • **Information/discussion**
- VIG 26/10/2017 • Information/discussion →  
*(recommendations to ESSC)*
- DIME SG Dublin 10/11/2017 • **Opinion → update**
- *DIME plenary* Feb 2018 • *Opinion (written)*
- ESSC Feb 2018 • Approval

## Business case 2018 - 2020: Contents 1/3

- **First implementation phase of successful pilots of stage I, limited to 3 countries, setting full-fledged implementation requirements**

- Webscraping job vacancies
- Webscraping enterprise characteristics
- Smart meters
- Automatic vessel identification system

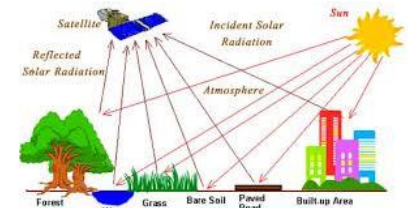


## Business case 2018 - 2020: Contents 2/3



- Use of financial transactions data

- Remote sensing



- Online platforms such as social media and sharing economy platforms



- Mobile network operator data (continued)



- Innovative sources and methods for tourism statistics



**New pilot projects –  
exploring data sources  
beyond stage I**



## Business case 2018 - 2020: Contents 3/3

- **Extend the work on smart statistics (trusted smart statistics)**

- Access to data sources, standards, ...
- Support initiatives such as TUS, HBS



- Use of citizen science data for individuals' well-being (wearables, smart devices, .



- **potential extended to tourism, TUS and HBS)**

- Citizen science data and smart cities
- Smart cities and connected vehicles
- Smart farming





# Closing statements

Business case → ESSC adoption in February 2018

Comments by VIG 26 Oct 2017

- Data:
  - **Development of data strategy (including methodology,**
  - **Need for legal basis for accessing data**
- Output:
  - **Foster the development of concrete output i.e. applications, tools and products, enhancing statistics for policy making.**
  - **Statistical output should be experimental as well as for dissemination.**
  - **Focus on communication**
- Specific subjects:
  - **Measuring platform economy, collaborative economy**
  - **Investigate cross cutting issues (methodology, IT)**
  - **Multi-source combinational approaches and data integration including ontology**
- Stakeholders:
  - **Involvement of partners in the development of smart statistics**
  - **Involvement of domain experts**
  - **Flexible funding, grants + contracts, individual grants, ...**