

# Collaboration with private sector data providers

Outcomes of the in-depth review

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# Approach

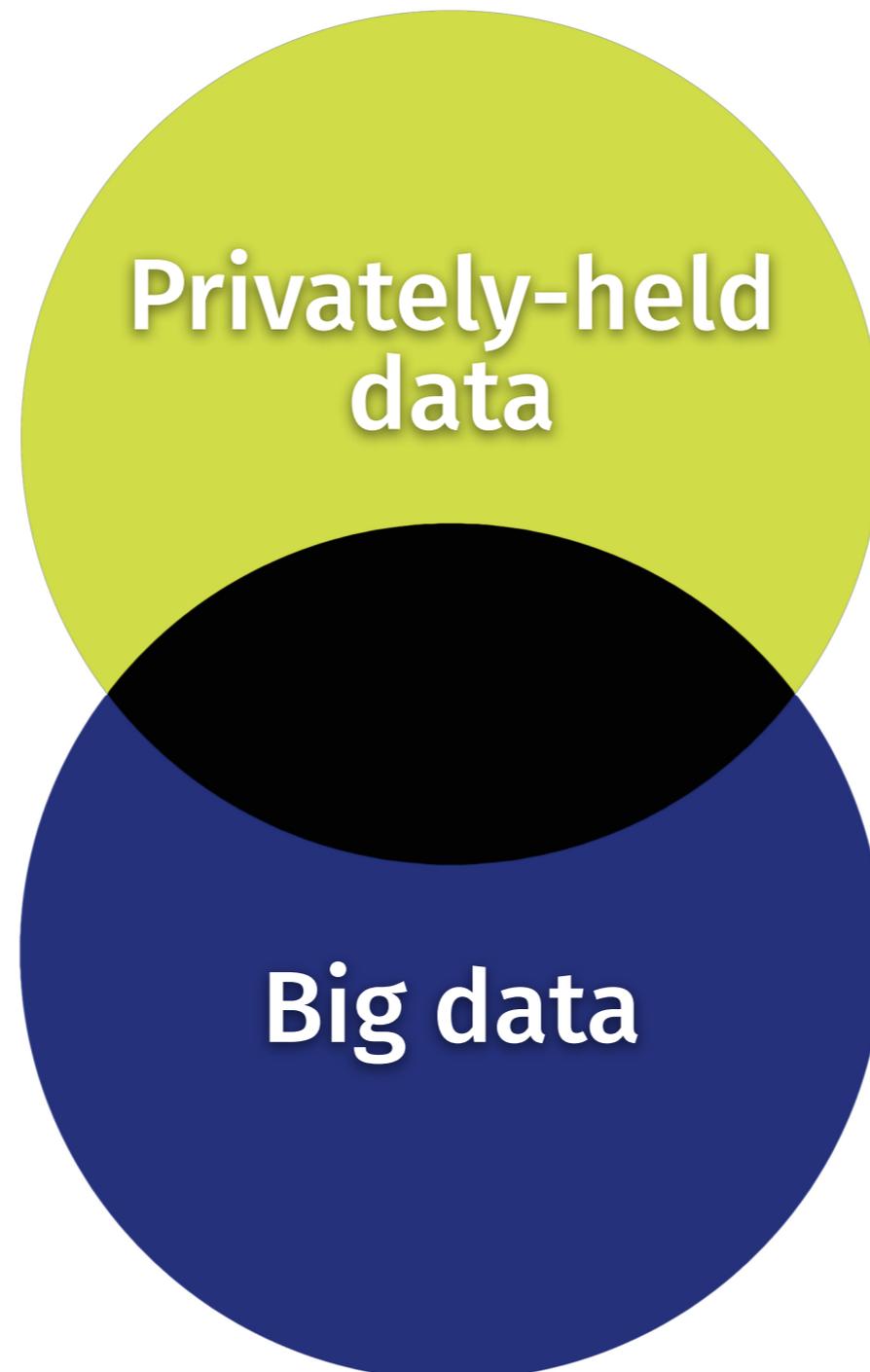
- Overview of the activities in the field of collaboration with private sector data providers
  - principles for accessing privately-held data (PHD)
  - communication and agreements with stakeholders
  - legislation
  - guidelines and handbooks for the use of PHD
  - common IT infrastructure
  - training and competency-building delivery
- Further exploration of the topic through case studies (34 NSOs)

# Case studies



# What we found

## Wide range of privately-held data (PHD)



# Privately-held data successfully accessed by the National Statistical Offices (NSOs)

**Scanner data**

**Mobile phone data**

**Transactions data**

**Companies' websites**

**Accommodation or ticket platforms**

**Electricity system operators**

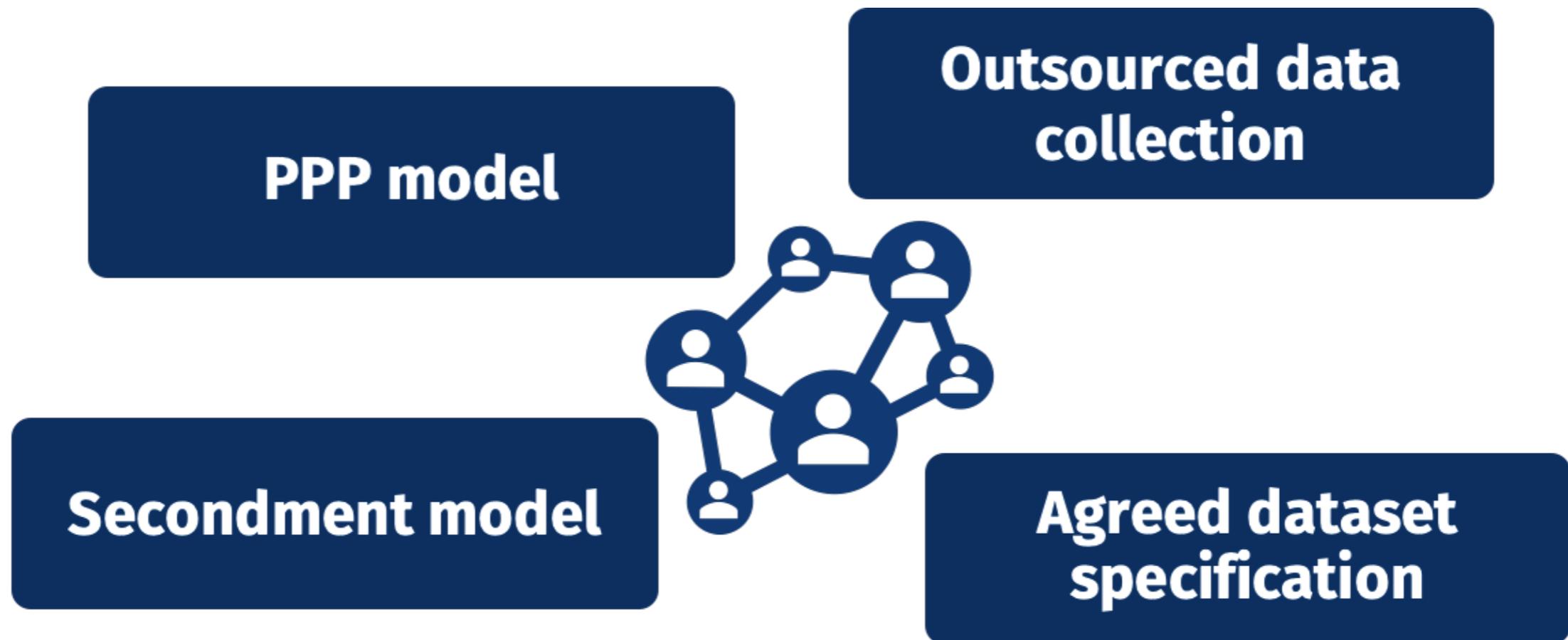
**Transportation system operators**

**Data from companies / their associations in specific industries**

**Data from market research companies**

# What we've found

## Many cooperation models



# Cooperation models

- **PPP model**

- The institutional arrangements
  - with the Association of the Automotive Industry, National Association of Bus, Truck and Tractor Producers, and each one of the involved enterprises
- The goal of the PPP is
  - to collect raw data, process, and disseminate more granular data on the specific industry

# Cooperation models

- **Secondment model**
  - The NSO's employee is sent to the private company
    - to help with the methodology and data analysis
  - The employee could share the acquired knowledge with the NSO's colleagues
    - but could not share the data

# Cooperation models

- **Outsourced data collection**
  - The NSO cooperates with a specialized enterprise
    - that collect and/or processed data
  - The information on
    - the research methodology and the set of provided variables
      - described in the agreement
  - The data are obtained **free of charge**

# Cooperation models

- **Agreed dataset specification**
  - The NSO receives strictly defined datasets from the data provider (a third party)
    - which processes mobile network data
  - The cooperation is based on the agreement
    - regulating methodological and technical issues of data exchange
    - as well as *financial compensation*

# Lessons learned

- **Enablers**

- trust to the NSO
- referring to the public interest (ref. COVID-19 pandemic)
- communication, understanding and accepting each party's interests
- attempts to achieve a win-win situation

# Lessons learned

- **Enablers**
  - a flexible approach of NSOs  
(limitation the requests to the most important data )
  - NSO's organizational capabilities  
(competencies, IT solutions etc.)
  - a solid legal framework

# Lessons learned

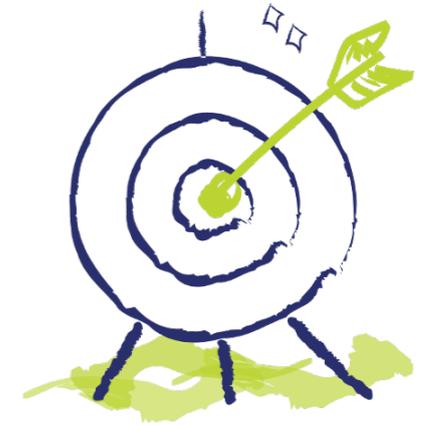
- **Impediments**

- the low motivation of private companies to cooperate
- concerns about the privacy, public perception or disclosing trade secrets
- the expectation of cost compensation
- lack of solid legislation
- data quality
  - incompleteness and low usefulness of the data for statistical purposes, lack of quality assessments of the data

# Impact of COVID-19 crisis

- Increase the possibility of accessing PHD for nearly 50% of the NSOs surveyed
- Greater openness of private companies to share the data, but preference to enter into collaboration directly with the government
- Collaboration is regulated by bilateral agreements
- The urgency of accessing and using PHD has faded as the pandemic situation stabilized
- NSOs expect legislative steps to ensure a solid legal basis to maintain access to companies' data

# Recommendations



- **International level**
  - to strengthen the cooperation
    - between the task forces and dedicated working groups dealing with the access to PHD
  - to strive for
    - the coherence of work and complementarity in terms of various levels of international cooperation

# Recommendations



- **National level**

- to leverage the potential of government agencies
  - to connect with private sector data providers
- to invest in partnerships
  - that could enable sustained access to data
  - and a better understanding of the data specifics (e.g. by seconding employees)

**Thank you**

for your attention!