

Collaboration with private sector data providers

Outcomes of the in-depth review

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Approach

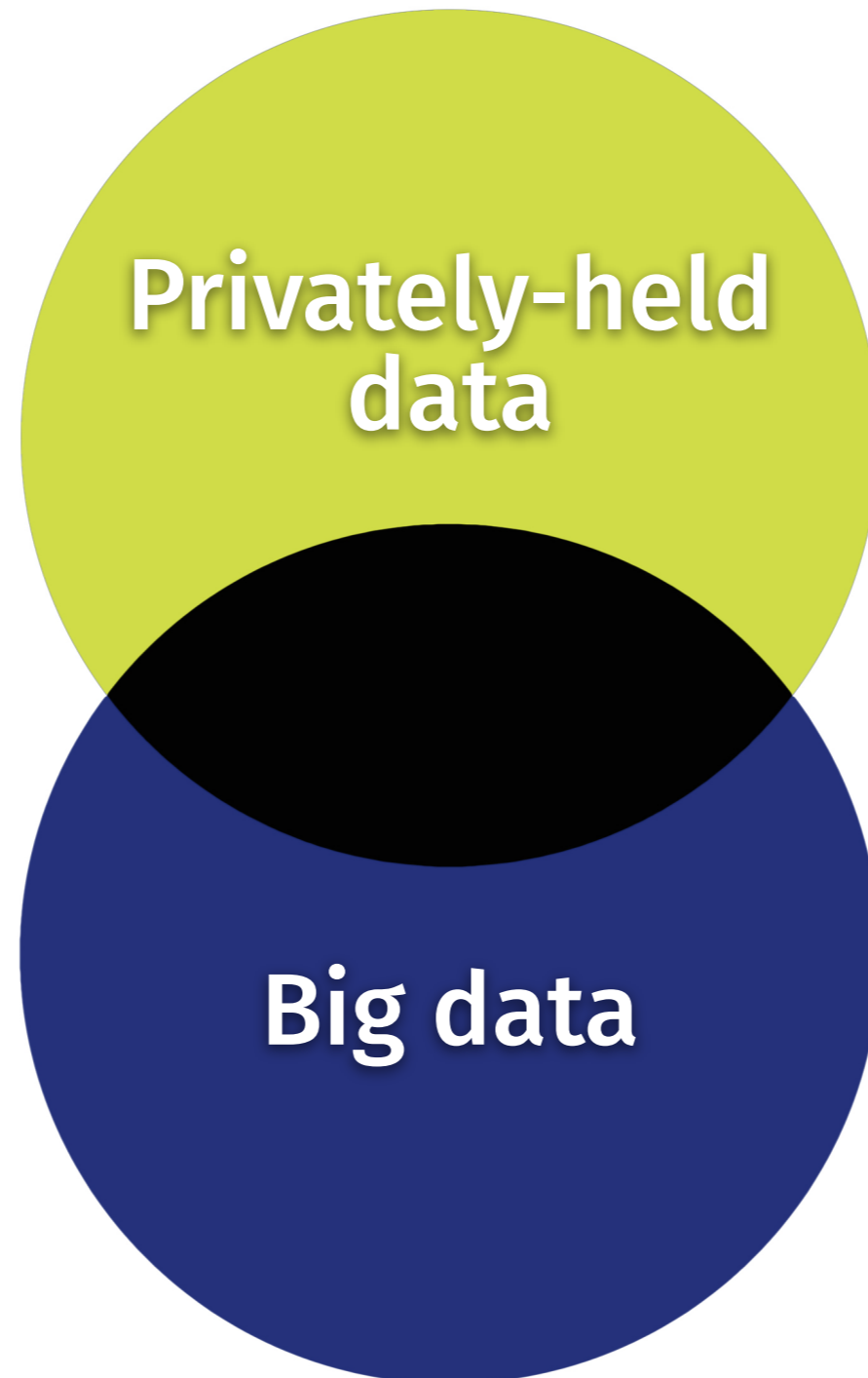
- Overview of the activities in the field of collaboration with private sector data providers
 - principles for accessing privately-held data (PHD)
 - communication and agreements with stakeholders
 - legislation
 - guidelines and handbooks for the use of PHD
 - common IT infrastructure
 - training and 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

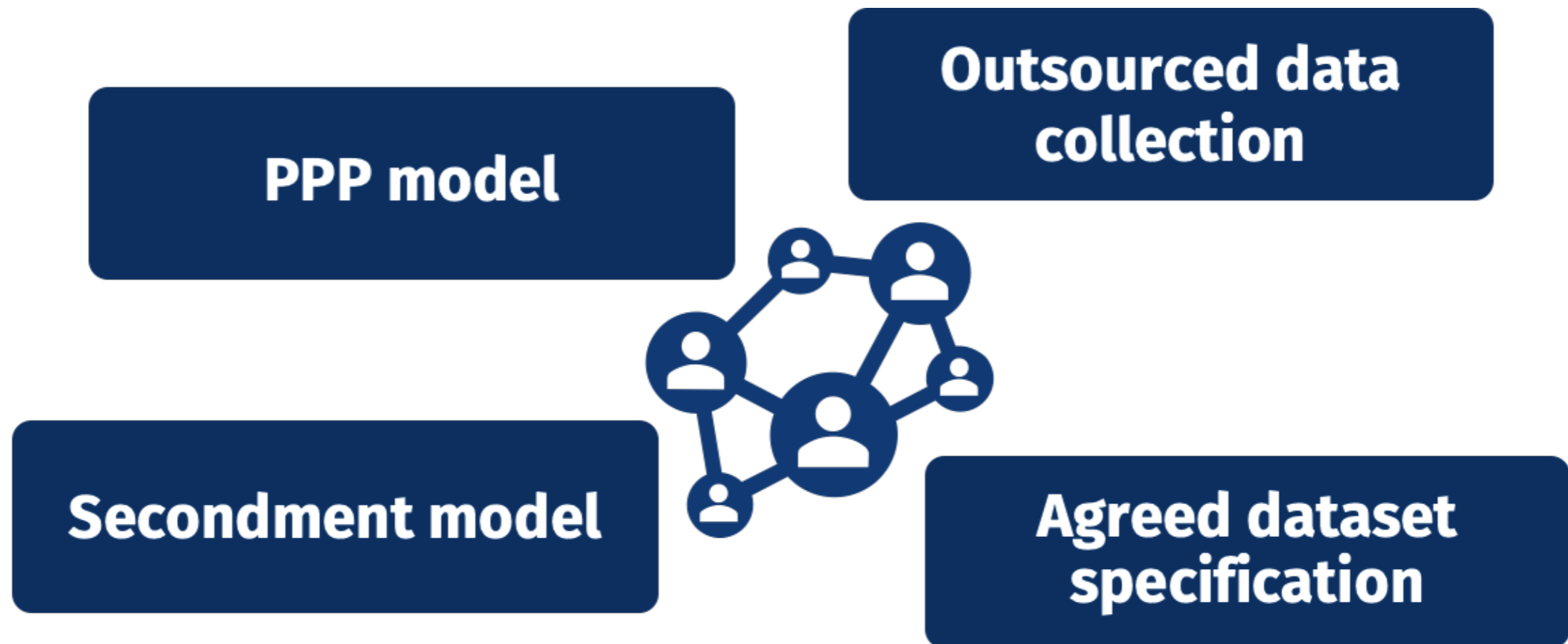
Transportation system operators

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!