

CompNet

The Competitiveness Research Network

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CompNet and its Micro data Infrastructure (MDI)

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MDI motivation - Current status with many hurdles



To do research a
Researcher has to go
through:

1. Research proposal
2. Data access procedure
3. NSI technical restrictions
4. Fixed costs of getting to know the data
5. Decisions on data handling (e.g., outliers' treatment)
6. Programming the code



The NSI, for each research project
has to:

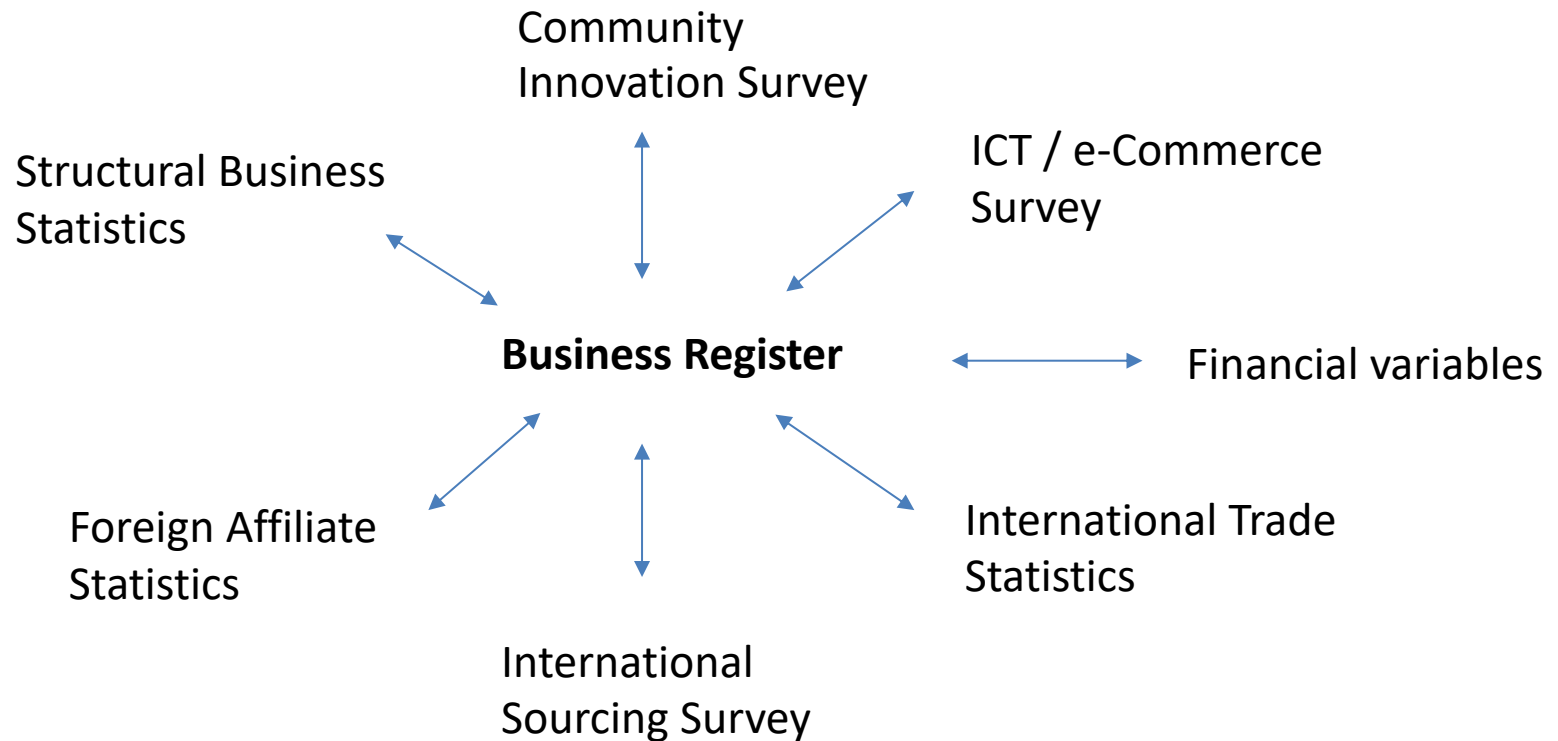
1. Provide access procedures
2. Provide dedicated assistance
3. Provide Microdata research support
4. Do a disclosure analysis
5. Sometimes host researchers



The resulting disclosure-free output will be used in a publication, **virtually impossible to replicate in other countries** after many hurdles!

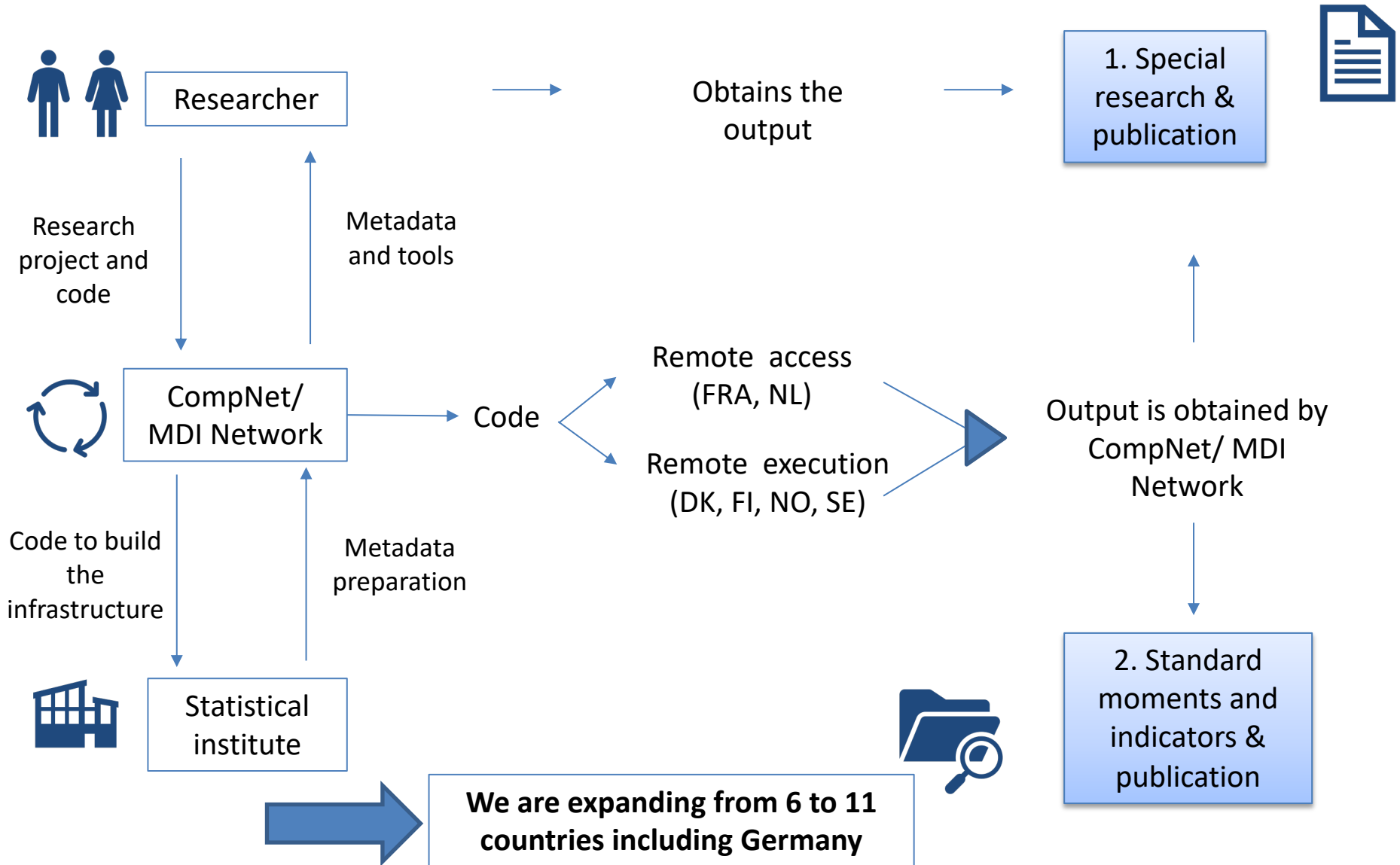
MDI – the micro data

Homogenized set of **datasets** (sourced from Eurostat tables):



- For each dataset, **same list of indicators** (see excel file) with **Firm level** data.
- **Time coverage:** for now 2007-2017, expanding on a country basis.

MDI architecture



CompNet research output Q1-2022

- Published **book** on
 - The Economics of Firm Productivity: Concepts, Tools, and Evidence (Altomonte, C., di Mauro, F.) Cambridge University press. 2022.
- Published **Working Paper** on
 - Covid-19 pandemic, state aid and firm productivity (Bighelli,T.; Lalinsky, T; Vanhala, J). 2022.
- **Ongoing work** on
 - European Firm Concentration and Aggregate Productivity (Bighelli,T.; di Mauro, F.; Melitz, M.; Mertens, M.). 2021.
 - Labor Market Power between-Firm Wage Inequality (Mertens, M.). 2021.
 - Business dynamism in Europe (Biondi, F., Infererra, S., Mertens, M., Miranda, J.). 2022.
 - Labour market power and productivity distribution (di Mauro and Mottironi). 2022.
 - Intangibles, digital investments and the firm organizational strategy (Altomonte, Coali, di Mauro). 2022.



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