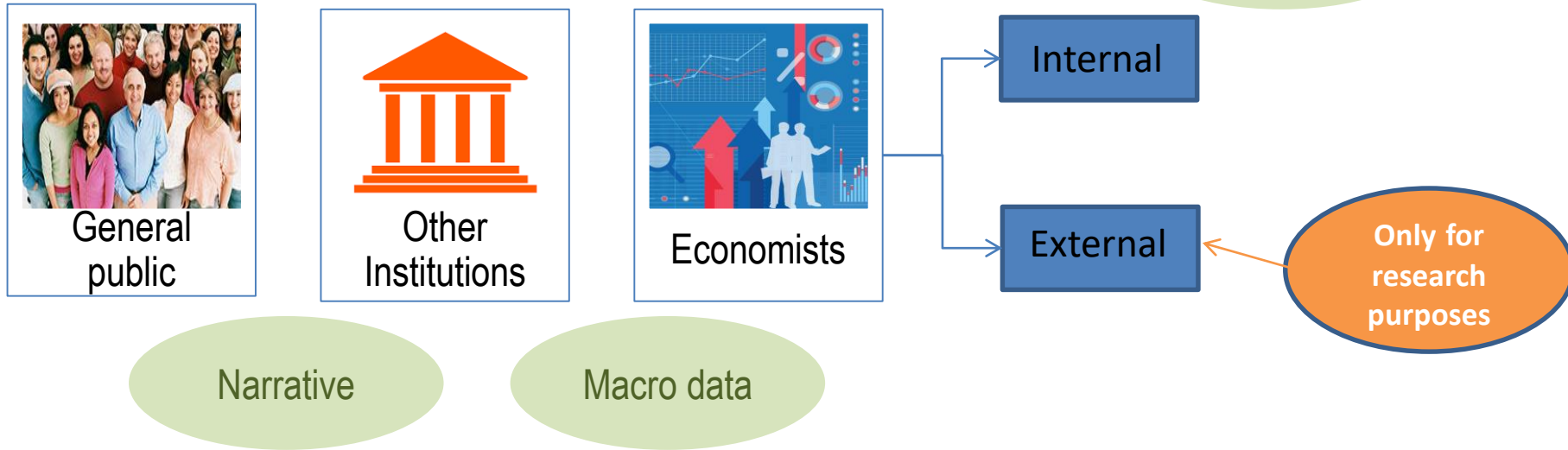


Microdata dissemination in Bank of Italy: now and tomorrow



Angela Gattulli
Banca d'Italia
22 November 2019

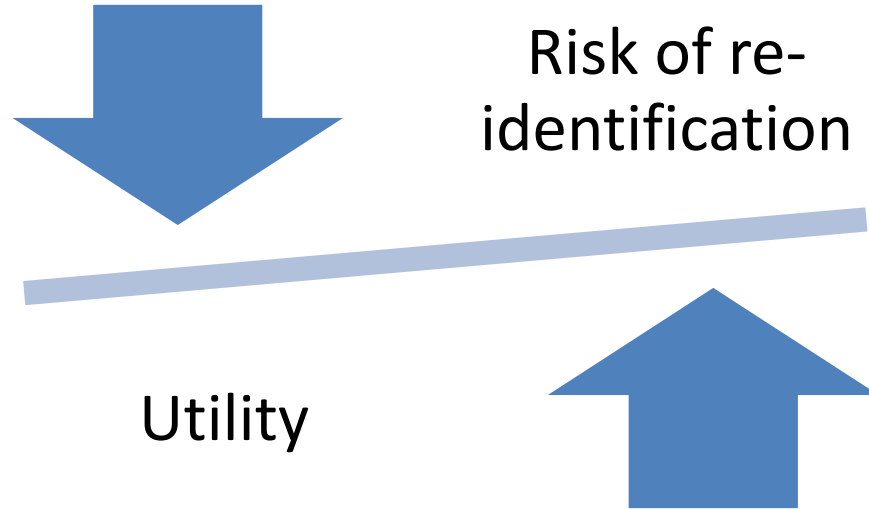
Users and data



There is a need for **increasingly detailed – or «granular» – statistics**, which are useful to analyze phenomena such as the **distribution of income and wealth** and for monetary policy purposes.

- Which are the choices/decisions to disseminate microdata?
- Which is the Bank of Italy's experience and way forward?

Granular data: confidentiality vs utility



Granular data: which tool?

But not all data
can be easily
anonymised



**Data
confounding**

**Remote
processing**

Laboratory

Which microdata

Banca d'Italia has long tradition in disseminating granular survey data

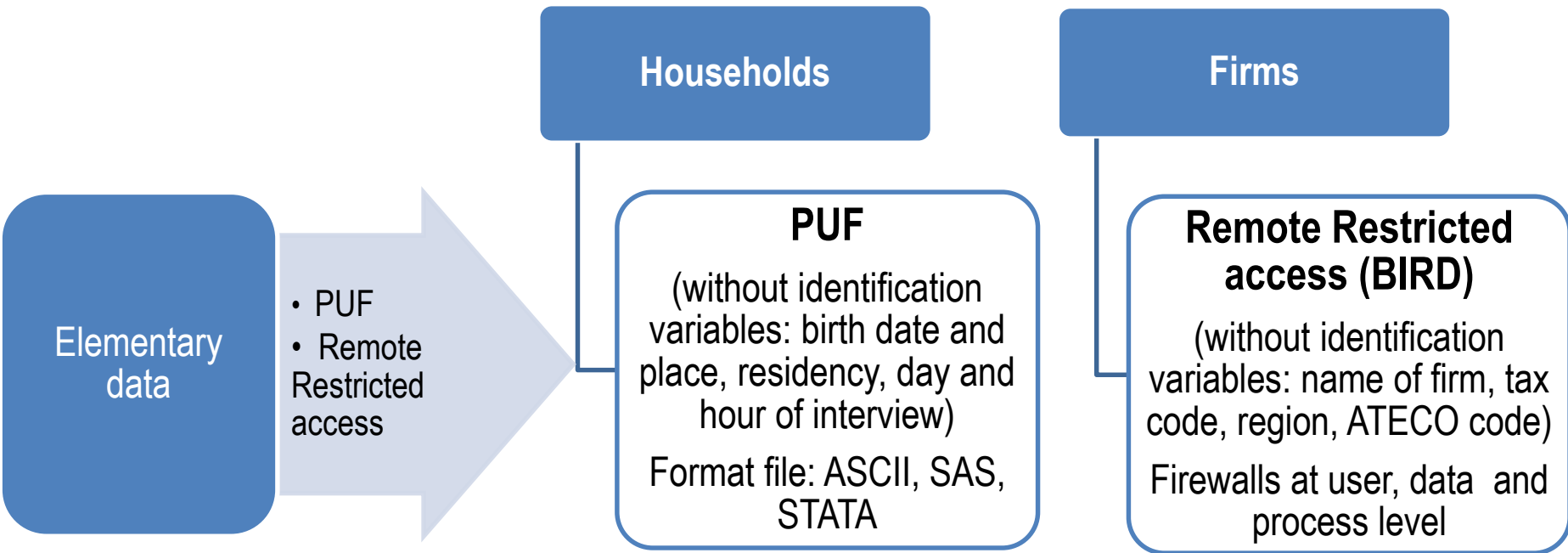
Households and individuals

- ✓ Survey of Household Income and Wealth (collected since 1962)
- ✓ Eurosystem Survey data (HFCS – Italy, collected since 2010)
- ✓ Financial literacy of Italian adults (collected since 2017)
- ✓ International tourism survey (collected since 1966)

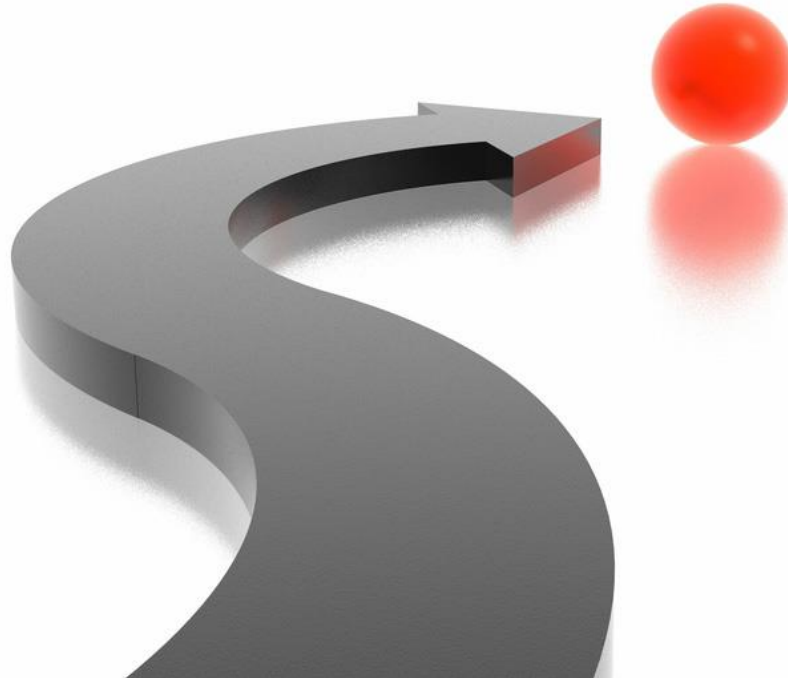
Firms

- ✓ Survey of Industrial and Service Firms (collected since 1974)
- ✓ Business Outlook Survey of Industrial and Service Firms (collected since 1993)
- ✓ Survey of expectations of inflation and growth (collected since 1999)
- ✓ Italian housing market survey short-term outlook (collected since 2009)
- ✓ Survey on cross-border transactions in services by non-financial and insurance firms (collected since 2013)

HOW



Research Data Center





GOALS

- Expanding the supply of microdata for external researchers
- Facilitate the way internal and external users access microdata
- Exchanging experience in managing microdata (eg INEXDA and ISTAT)
- Improve methodology
- Fully operational in 2021



TOOLS

- [PUF](#)
- [BIRD](#)
- [Web Tabulator](#) (New)
- [Lab](#) (New)



ISSUES

- Legal framework compliance (GDPR and Professional secrecy)
- Harmonizing metadata and documentation
- IT instruments for data anonimisation, access management, dataset versioning
- Human resources
- Logistic

THANK YOU