

Update on the work of the International Network for Exchanging Experiences on Statistical Handling of Granular Data (**INEXDA**)

Stefan Bender

INEXDA chair, Deutsche Bundesbank

Christian Hirsch

INEXDA secretary, Deutsche Bundesbank



International **N**etwork of **E**xchanging Experiences on Statistical Handling of Granular **D**ata

General mission

- General mission is to **promote data sharing and data access**
- Promoting the **G20 Data Gaps Initiative II**, in particular recommendation 20, addressing the accessibility of granular data. INEXDA is mentioned in a G20 paper
- Acknowledging and supporting the work on data sharing of the **Irving Fisher Committee** on Central Bank Statistics

Organisation

Current chair of INEXDA is Stefan Bender of the Deutsche Bundesbank.

Current members



BANCO
CENTRAL
DE CHILE



DEUTSCHE
BUNDESBANK
EUROSYSTEM



BANK OF ENGLAND



Office for
National Statistics

BANCO DE ESPAÑA
Eurosistema



EUROPEAN CENTRAL BANK
EUROSYSTEM

eurostat

BANQUE DE FRANCE
EUROSYSTEME



BANCA D'ITALIA



BANCO DE MÉXICO



BANCO DE
PORTUGAL
EUROSISTEMA

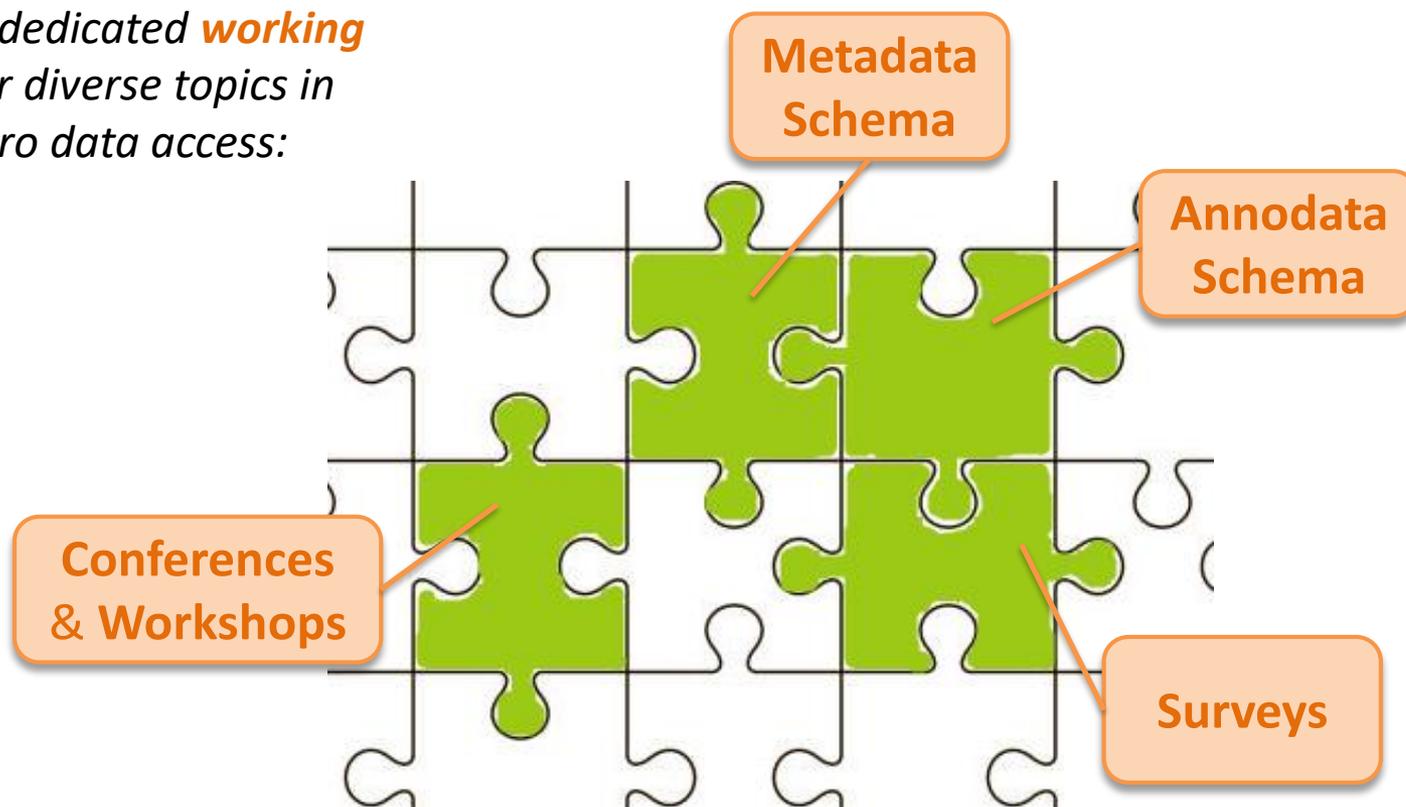


TÜRKİYE CUMHURİYET
MERKEZ BANKASI

INEXDA's working arrangement

Micro data access is a multifaceted field. INEXDA's focus is on **developing**, **applying** and **disseminating** new ideas.

For this it uses dedicated **working groups** to cover diverse topics in the field of micro data access:



Eight types of annodata

1



Access regime

2



Database

3



Dataset family

4



Record linkage

5



Combining restrictions

6



Global rules

7



Researchers

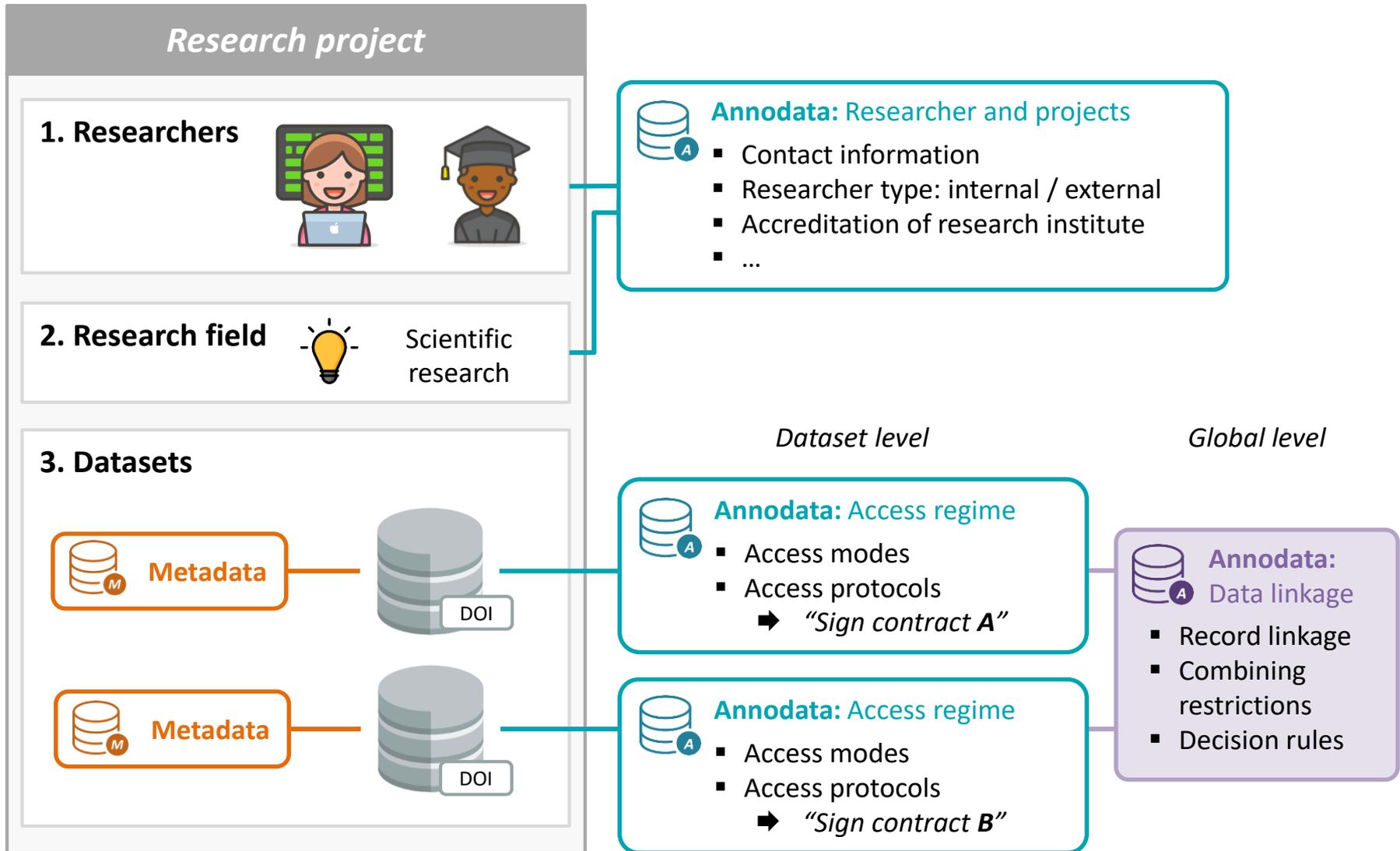
8



Research projects

1-3 at *dataset family* level
4-6 at *global* level
 (i.e. irrespective of researcher affiliation, research field, and access mode)
7-8 at *project* level

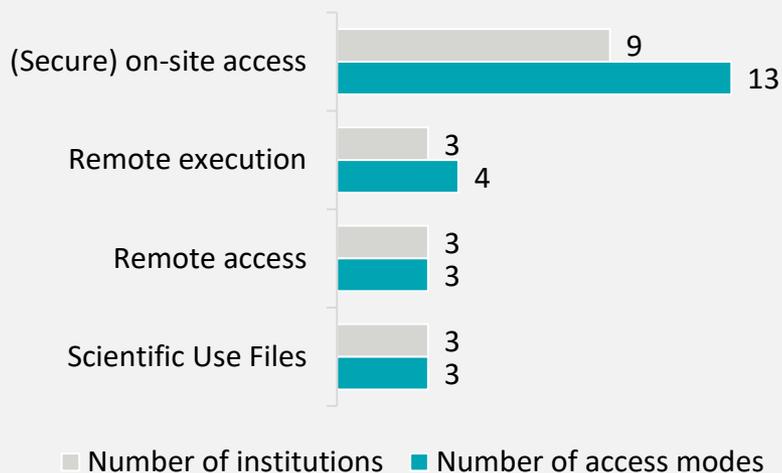
How micro data access could be automated



Working Group on “Modes of Data Provision”

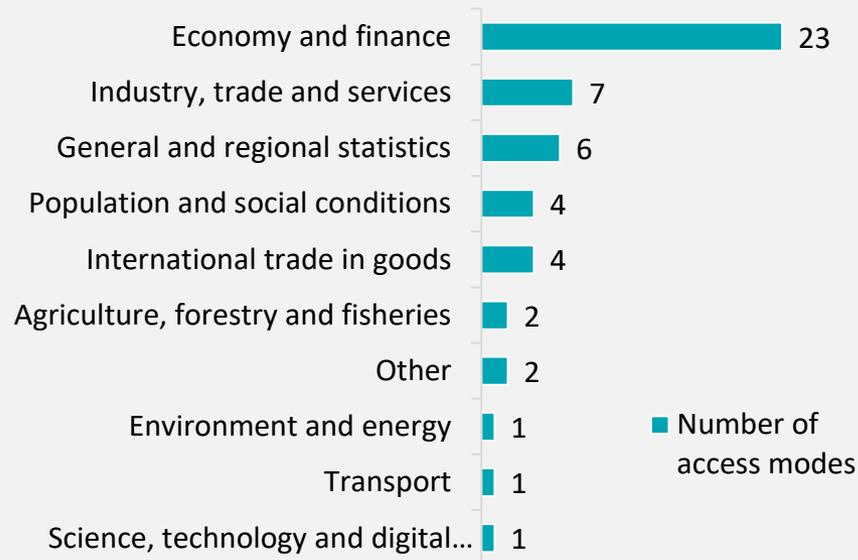
*The working group, which was chaired by **Banque de France**, built on the **annodata** schema and conducted a survey on the very granular level of **access modes**.*

Distribution of Access Modes



* 10 INEXDA members participated with 1-n possible access modes each. Public Use Files were excluded from this figure.

Data source by topic



* 10 INEXDA members participated with 1-n possible access modes each.

Conclusion and future plans



Metadata schema



Annodata schema



Survey



Conferences

In the past, INEXDA worked on data access procedures (e.g. annodata schema, survey).

For the future, INEXDA plans to

- launch **new working groups** on anonymization and output control.
- use the outcomes of the working groups to develop **common best practices for data sharing** and the handling of granular data. This would be extremely helpful for any institution, which plans to establish e.g. a new access mode and is looking for reference.



These considerations obviously need to **acknowledge the limits** set by extant legal, technical or procedural frameworks in which INEXDA members operate.



The Granular Data Network

Website:

inexda.org/

**Thank you for your
attention!**

Contact at INEXDA:

Chair

Stefan Bender, Deutsche Bundesbank

Secretary

Inexda@Bundesbank.de

How to become an INEXDA member



Other central banks, national statistical institutes and international organizations are **encouraged to join INEXDA**.

*The following **procedure** has been established to admit new members:*

	A representative of the applying institution has to attend at least one INEXDA meeting in person before the formal application process is initiated.
	Send an application letter signed by the head of the statistical department of the respective institution (or, in case of national statistical institutes, by the head of the responsible statistical department) to the chair of INEXDA.
	All INEXDA members must agree to any application by a new institution.
	Sign the MoU*. Congratulations, you are now a member of INEXDA.

* The INEXDA Memorandum of Understanding (MoU) can be accessed [here](#).