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# International Network for Exchanging Experience on Statistical Handling of Granular Data (INEXDA)

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The views expressed here do not necessarily reflect the opinion of the Deutsche Bundesbank, the INEXDA network, or the Eurosystem.

# Motivation

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- **Aggregate datasets** are important for **monitoring macroeconomic developments** and **macroeconomic policy**.
- **Granular data** is necessary to understand **global developments** and in particular **differences across countries**.
- Combining datasets and looking beyond aggregate statistics into heterogeneous developments require the **transformation** of “**data**“ into “**knowledge**“.
- **Local constraints** make it difficult, or often impossible, to link micro datasets from different jurisdictions, even for research and financial stability analysis.
- **Better accessibility** and **sharing of granular data** would open up **new possibilities** for analysis by providing new **insights into the effect of policies**.

What can **we do** from the **statistical side** to support this process?

# INEXDA: The Granular Data Network

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- On 6th January 2017,



BANK OF ENGLAND



BANCO DE PORTUGAL  
EUROSISTEMA



- have launched the **International Network of Exchanging Experiences on Statistical Handling of Granular Data (INEXDA)**, an international cooperative project to declare their willingness to further strengthen their cooperation.
- Since its foundation, the following institutions have joined INEXDA as a member:

BANCODE **ESPAÑA**  
Eurosistema



**INEXDA**  
The Granular Data Network

# General Mission

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- 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.
- INEXDA is governed by an MoU, that every member has to sign.
- Sharing of granular data between INEXDA members **not** part of this MoU.

# INEXDA is gaining momentum...



## 1<sup>st</sup> INEXDA meeting in Lisbon

- INEXDA members (DE, FR, IT, PT, UK)
- *Guests:* BIS



## 2<sup>nd</sup> INEXDA meeting in London

- INEXDA members
- *Guests:* BIS, ECB, ES



## 3<sup>rd</sup> INEXDA meeting in Paris

- INEXDA members (+ ES, ECB)
- *Observer:* BIS
- *Guests:* AT, CL, MX, TR, UK (NSI)

Jan 2017

Jul 2017

Jan 2018

**INEXDA**

The Granular Data Network

**Memorandum  
of  
Understanding**  
Signing and  
publication



## INEXDA website

Prototype by Banque de  
France

da|ra

**INEXDA  
Metadata Tool**

Beta version by GESIS

## Working groups

1. Dissemination
2. Metadata
3. ADRF
4. Modes of accreditation
5. Contracts for research projects/bodies
6. Modes of data provision
7. Output control
8. Risk management for published results

# Session 3.A – Managing granular financial data

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1. **“Introduction to INEXDA’s Metadata Schema”**  
*Christian Hirsch, Deutsche Bundesbank*
2. **“Sharing information by preserving individual privacy”**  
*Giuseppe Bruno, Bank of Italy*
3. **“Data Sharing Under Confidentiality: The CRBT Case”**  
*Timur Hülagü, Central Bank of the Republic of Turkey*
4. **“Sharing and Using Financial Micro-Data”**  
*Alejandro Gaytán, Bank of Mexico*
5. **“Sharing of data reported by complex multinational enterprises: a cooperative approach between Deutsche Bundesbank and Banque de France”**  
*Tatiana Mosquera Yon, Bank of France and Jens Walter, Deutsche Bundesbank*