

What is it All About?

**Work sessions (in parallel)**  
**Remote execution, remote access:  
what is it all about?**

*Coordination : Roxane Silberman  
CNRS/Réseau Quetelet*

Presented by  
David Schiller / IAB, Christopher Gürke / destatis,  
Stefan Bender / IAB

Luxembourg, First European Data Access Forum (EDAF), 2012/03/27

---

---

---

---

---

---

---

---

**Shape of this session**

- Short introduction on the topic
- Open discussion with inputs from all partners
- Topics, findings and ideas are collected and presented to the Forum

---

---

---

---

---

---

---

---

**Topics of the session**

- Working remotely with confidential microdata
- Two possible ways:
  1. Remote Access
  2. Remote Execution
- The pros and cons of both have to be discussed
- Next steps in Europe
  - Bringing data to the researcher (in a secure way)
  - Force comparative research in Europe (not only on state level)

---

---

---

---

---

---



---

---

### What is it All About?

**Remote Access**

- In Europe done by (at least) eight access facilities:
  - Statistics Denmark, ONS UK, Statistics Sweden, Statistics Slovenia, CBS Netherlands, INSEE France, SDS UK, IAB Germany.
- Researchers have access via a secure connection and work with the data
- Researchers see the microdata she/he works with
- Data stays at the server of the access facility, only a video stream is transmitted
- Output is checked at the end of the research and sent to the researcher via email



---

---

---

---

---



---

---

---

**Remote Execution**

- In Europe done by a number of access facilities:
  - e.g. LISSY, Luxembourg, SOEP Germany, IAB Germany, destatis Germany.
- Researchers submit their programs; the staff of the access facility runs it on the data
- No direct access to the microdata
- Due to high data security, calculations run on very detailed microdata
- Output is checked at the end of the research and sent to the researcher via email



---

---

---

---

---



---

---

---

**Remote Access Network for Europe**

- Many access facilities in different countries offer Remote Access and Remote Execution. Many countries have developed their own solution.
- Only the data provided by the access facility could be analyzed.
- Normally only data from one country
- To force European transnational research single access solutions have to be incorporated into a remote access network
- This could be done with Remote Access, Remote Execution or a combination of both



---

---

---

---

---

---

---

---

What is it All About?

**And now...**

...its up to you!

- Discussion of the situation in the single countries.
- Discussion of a transnational remote access network.
- Transfer of the single countries solution into the network.



---

---

---

---

---

---


---

---

**Thanks for Listening**

Contact: [stefan.bender@iab.de](mailto:stefan.bender@iab.de)

Website: <http://www.dwbproject.org/>



---

---

---

---

---

---

---

---