

Microdata for Research purposes at Statistics Denmark

Ivan Thaulow
Head of Research Service

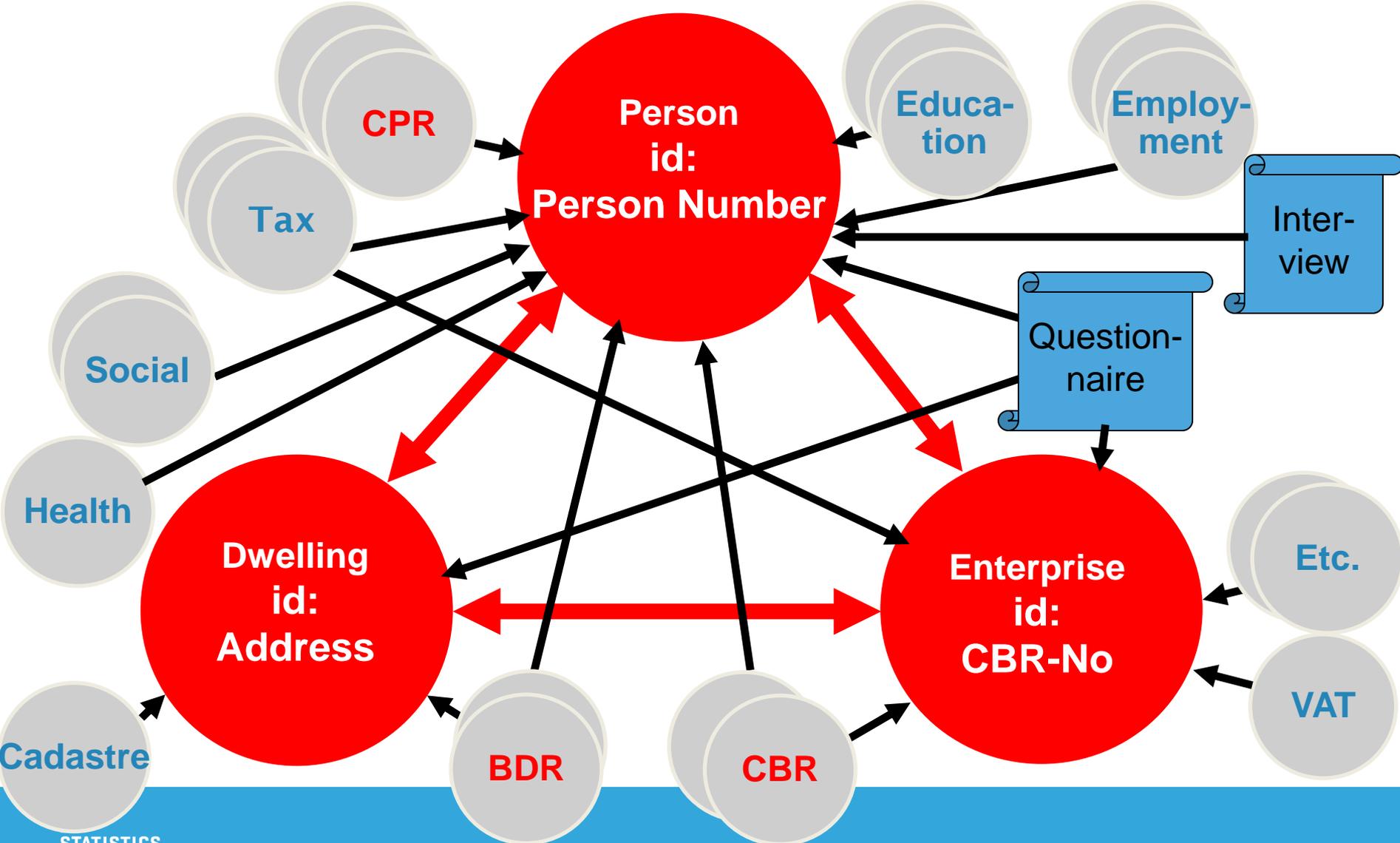
Jerusalem. 14. March 2016

The content of this presentation

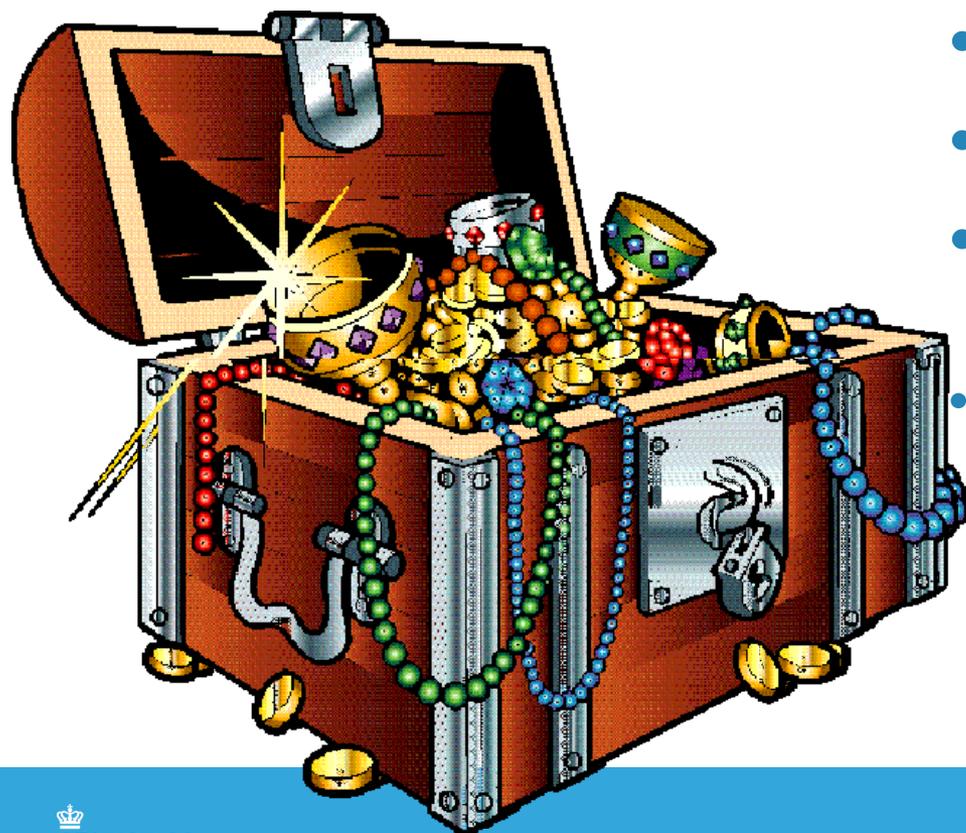
- Briefly about the micro **data** accessible for research in Denmark
- The **short history** of Research Services in Denmark
- The **organization and skills** of Research Services in Denmark

Micro data accessible for researchers in Denmark

The Statistical Information System



Microdata in Denmark is a treasure!



- High data quality
- Coverage
- Coherence
- Combining & linking
- Longitudinal studies
- www.dst.dk/declarations

The short history on researchers access to micro data at Statistics Denmark....

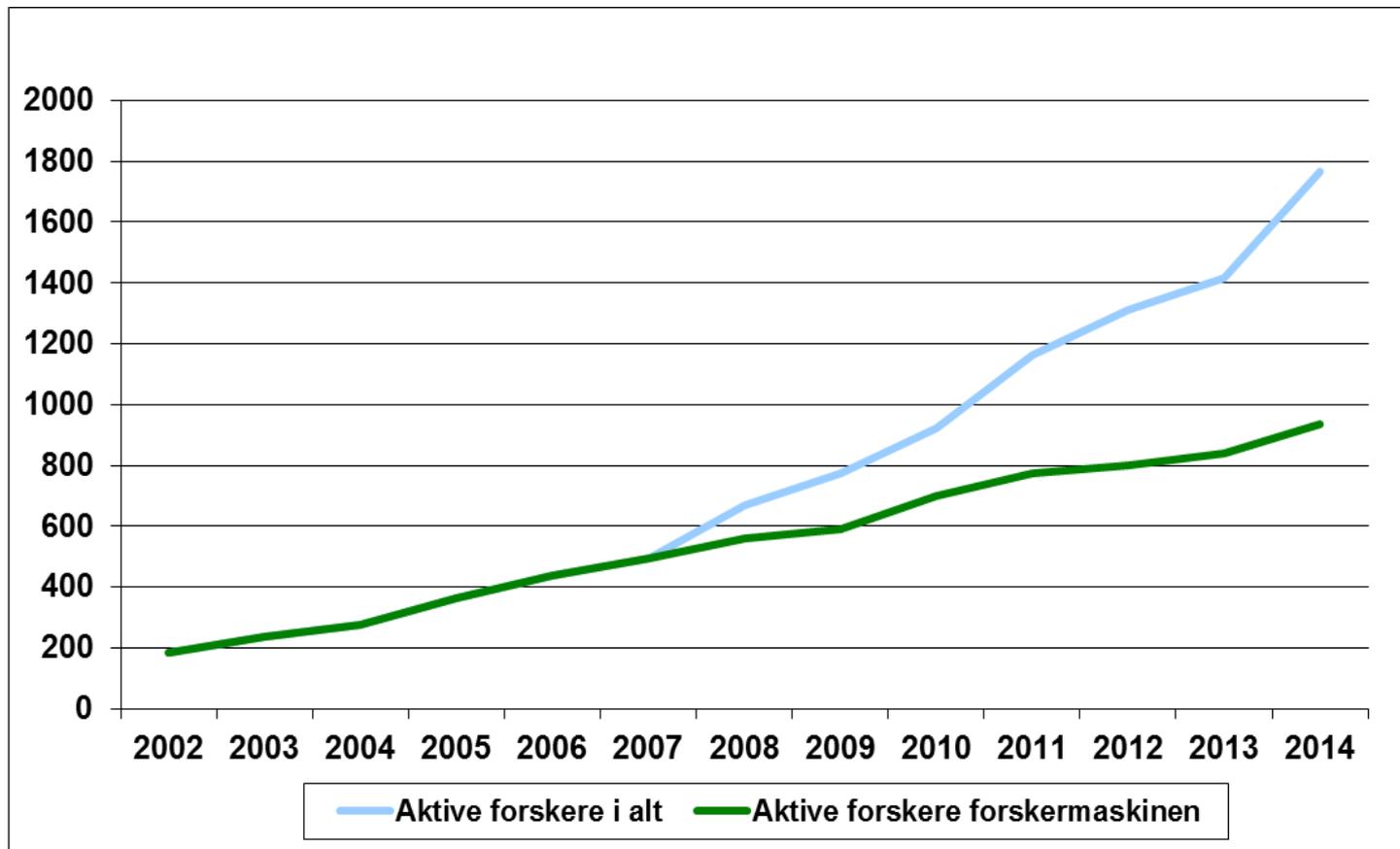
Researchers use of micro data at Statistics Denmark

- 1986:** Statistics Denmark starts “on-SITE” access for researchers
- 1993-2000:** possible to send programmes to Statistics Denmark and have the output sent back
- 2000:** Statistics Denmark starts “ON-LINE” access for researchers: Direct access to data at Statistics Denmark from own computers
- 2002:** Ministry of Science starts supporting researchers use of data at Statistics Denmark

The on-line access to data in very few words

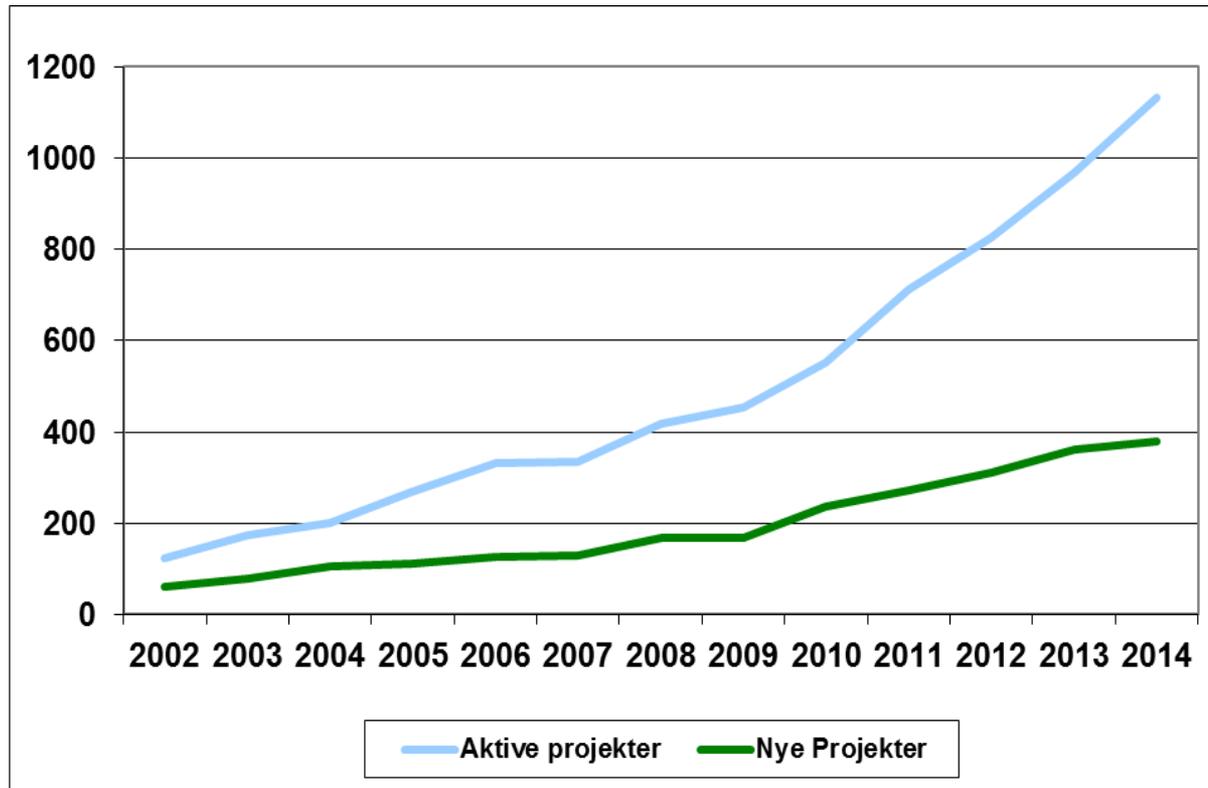
- Research institutions and their researchers are approved to get access to micro data
- Relevant de-identified data are placed at special dedicated research-servers at Statistics Denmark – safely behind our firewalls
- Researchers get access to their relevant de-identified data through a safe internet-connection
- All their analyses have to be made on the dedicated servers at Statistics Denmark
- Results from these analyses may be send back to the researchers by e-mail, but only if the results do not violate our rules of confidentiality.

Active researchers on the research servers at SD (and hosted servers)



Over 1800 active researchers within a year!

New and active projects

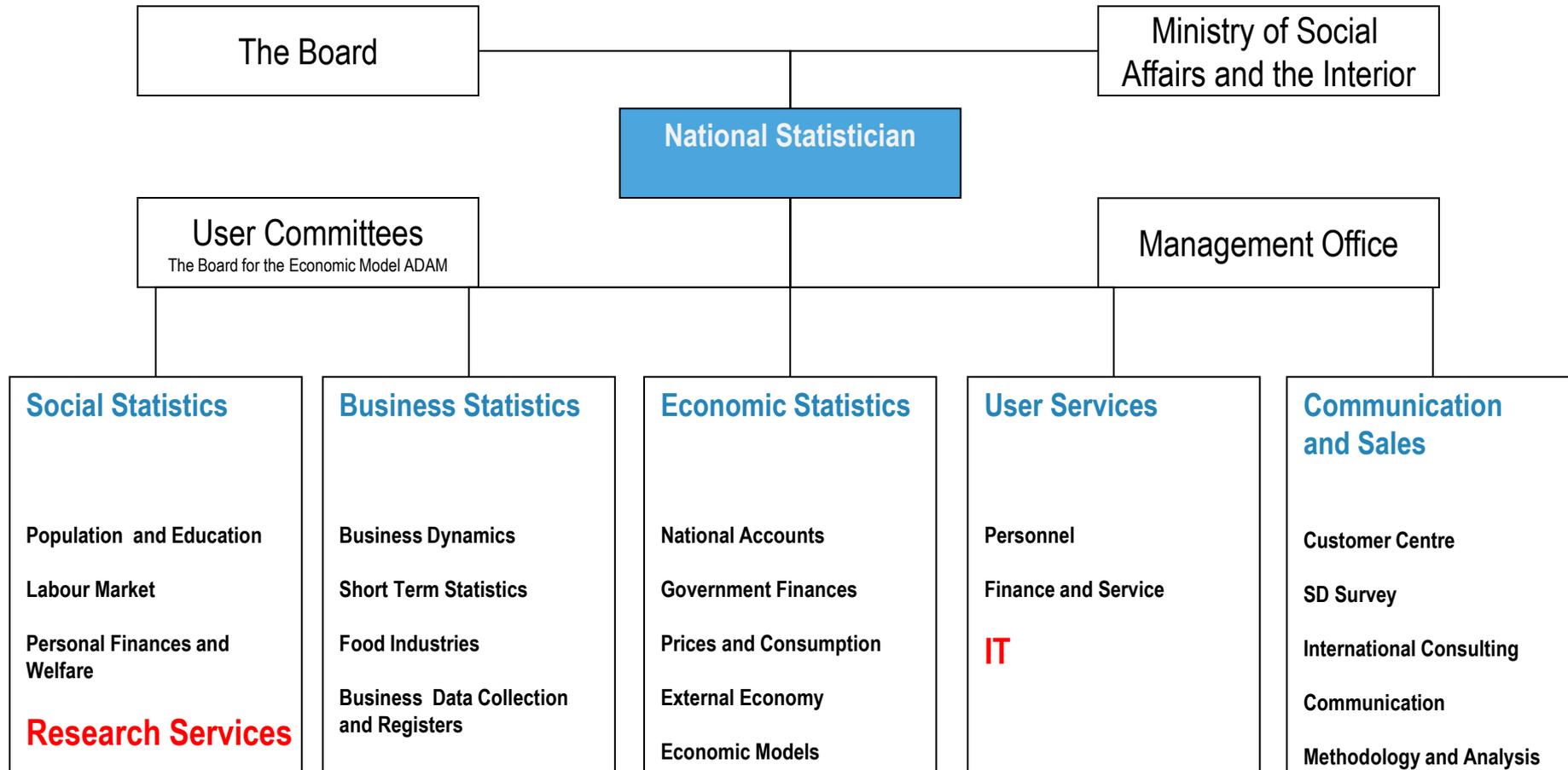


380 new projects, ultimo 2014

Over 1100 active projects at the research servers at SD

The Organization of Research Services at Statistics Denmark...

The overall Organisation of SD



The Organization of Research Services

- All contact with researchers and all data for research are handled by one specialized Research Service Unit
- Today we have a staff of 20 employees
 - 16 academics (generalists)
 - 3 IT-specialists
 - 1 secretary



The Mission of Research Services

Research Services exist for the purpose of:

- **Making micro data available for our customers' individual needs** in order to enable them to obtain knowledge that is not accessible from the general statistical program
- **Providing advice and service to our customers** in a helpful and competent manner with regard to their use of micro data

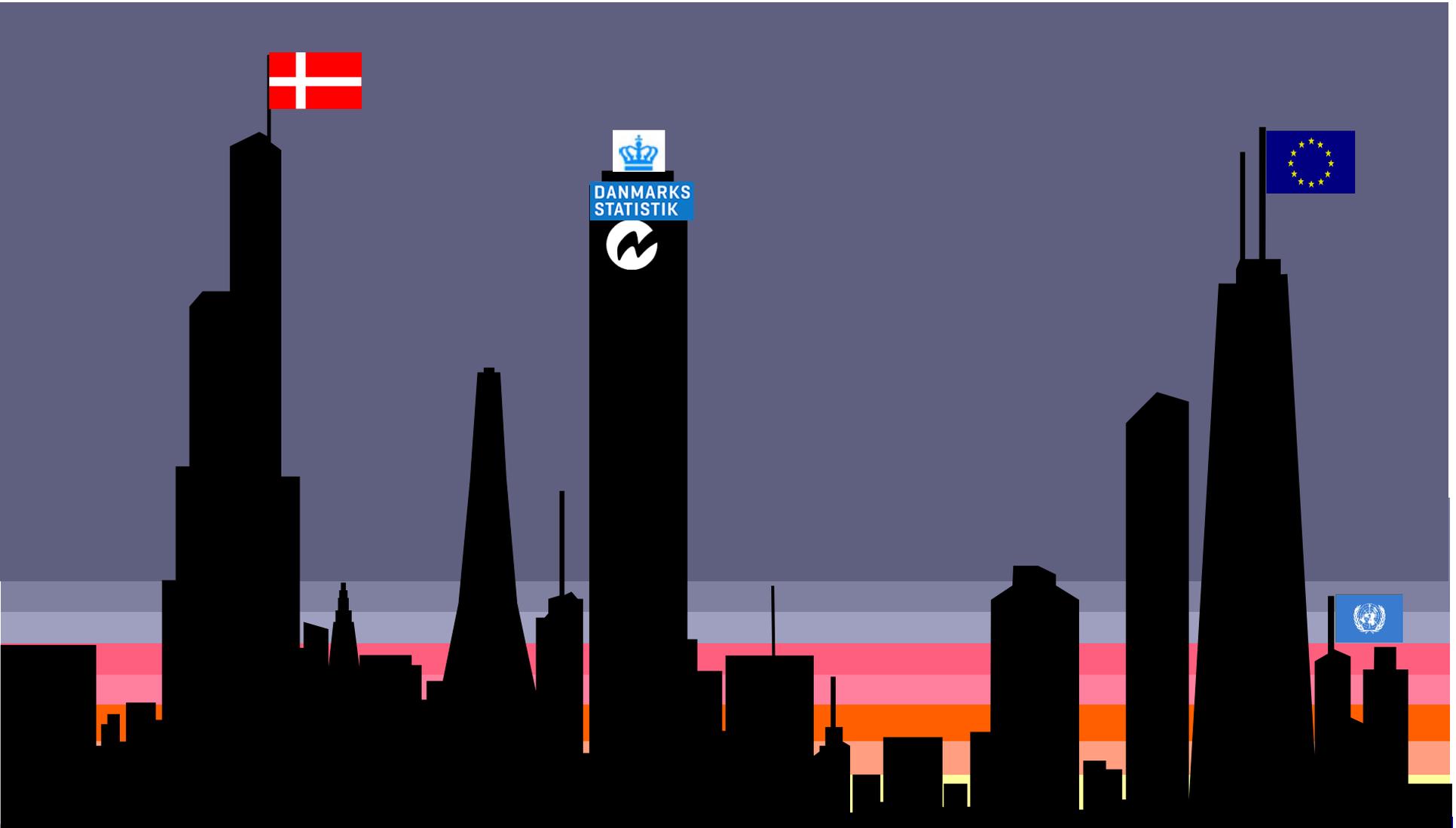
The main tasks and skills of our Research Services...

The main tasks of Research Services

- **Give advise** to researchers – new and old projects
- **Deliver data** to all research projects
- **Manage the remote access** arrangements and administrate authorizations, contracts etc.
- **Coordinate data** from all divisions in Statistics Denmark
 - **Provide and maintain an effective IT-system** that enables researchers to analyse relevant data (IT-center)
 - **Knowledge sharing**
 - **Do computer related work** & update research databases

The main skills in Research Services

- Our 16 Academics are generalist, they are responsible for a large number of projects and follows each project from start to finish
- Main **technical skills**: SAS and Exel etc.
- Main **personal skills**:
 - Customer oriented with profound knowledge about research
 - Good at cooperation and knowledge sharing
 - Flexible and able to multitask
 - Systematic
 - Responsible



The End!

Remote Desktop Protocol

