

# Microdata for Research purposes at Statistics Denmark

Ivan Thaulow  
Head of Research Service

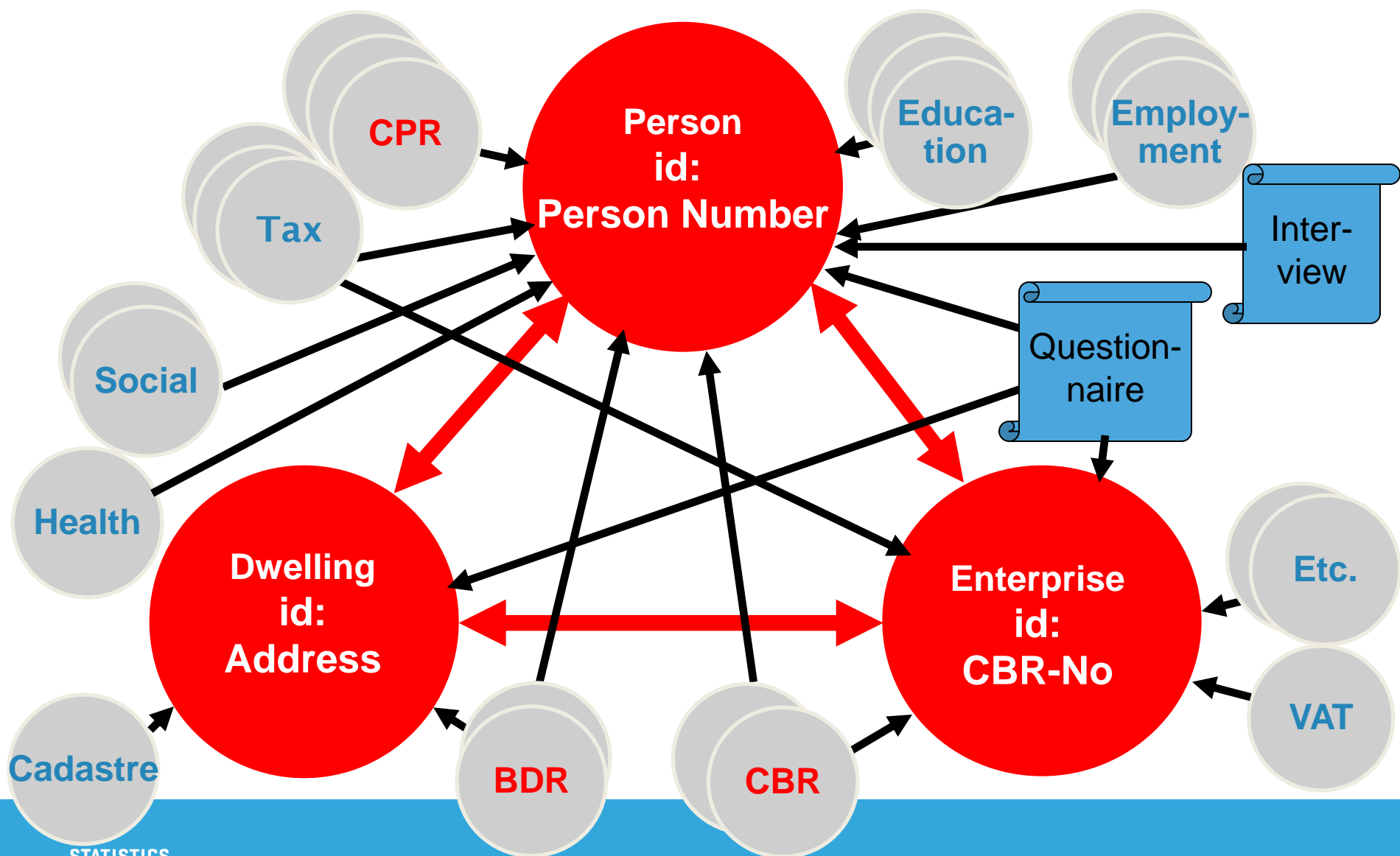
Jerusalem. 14. March 2016

# The content of this presentation

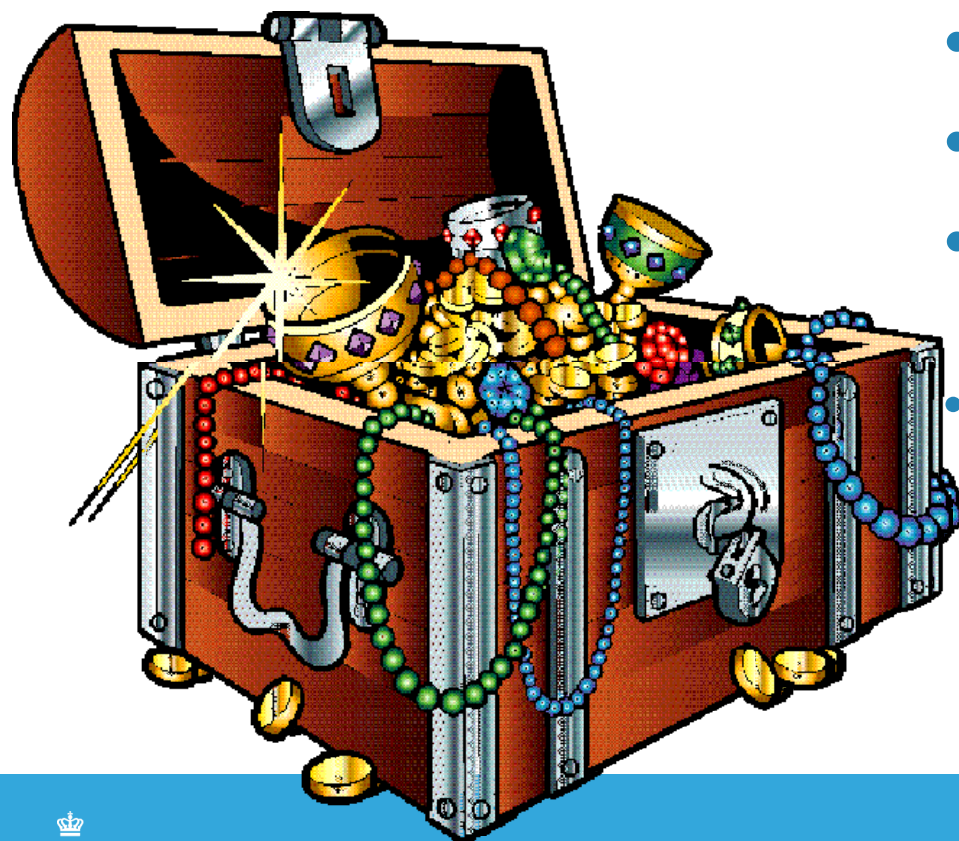
- Briefly about the micro **data** accessible for research in Denmark
- The **short history** of Research Services in Denmark
- The **organization and skills** of Research Services in Denmark

# 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](http://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

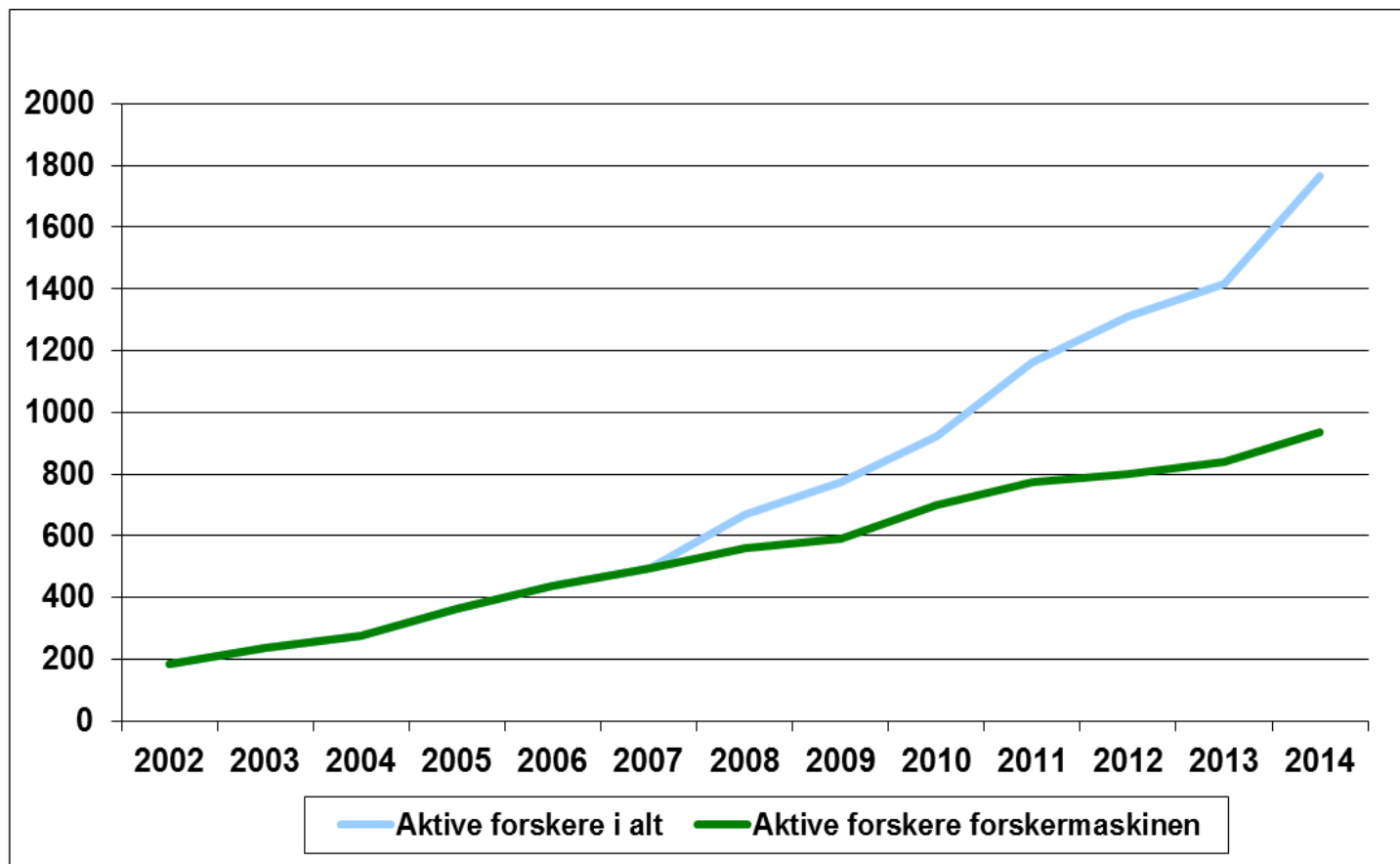
**2002:** Ministry of Science starts supporting researchers use of data at Statistics Denmark

# 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.

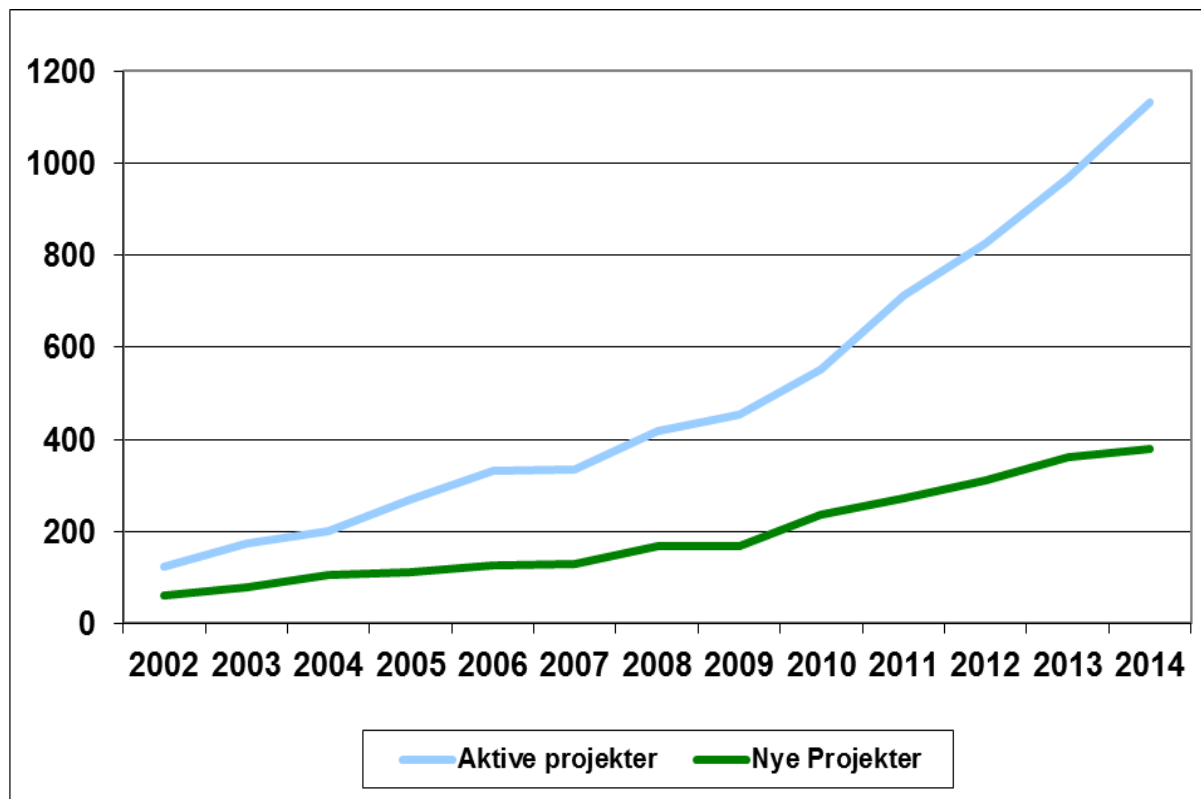


## Active researchers on the research servers at SD (and hosted servers)



Over 1800 active researchers within a year!

## New and active projects

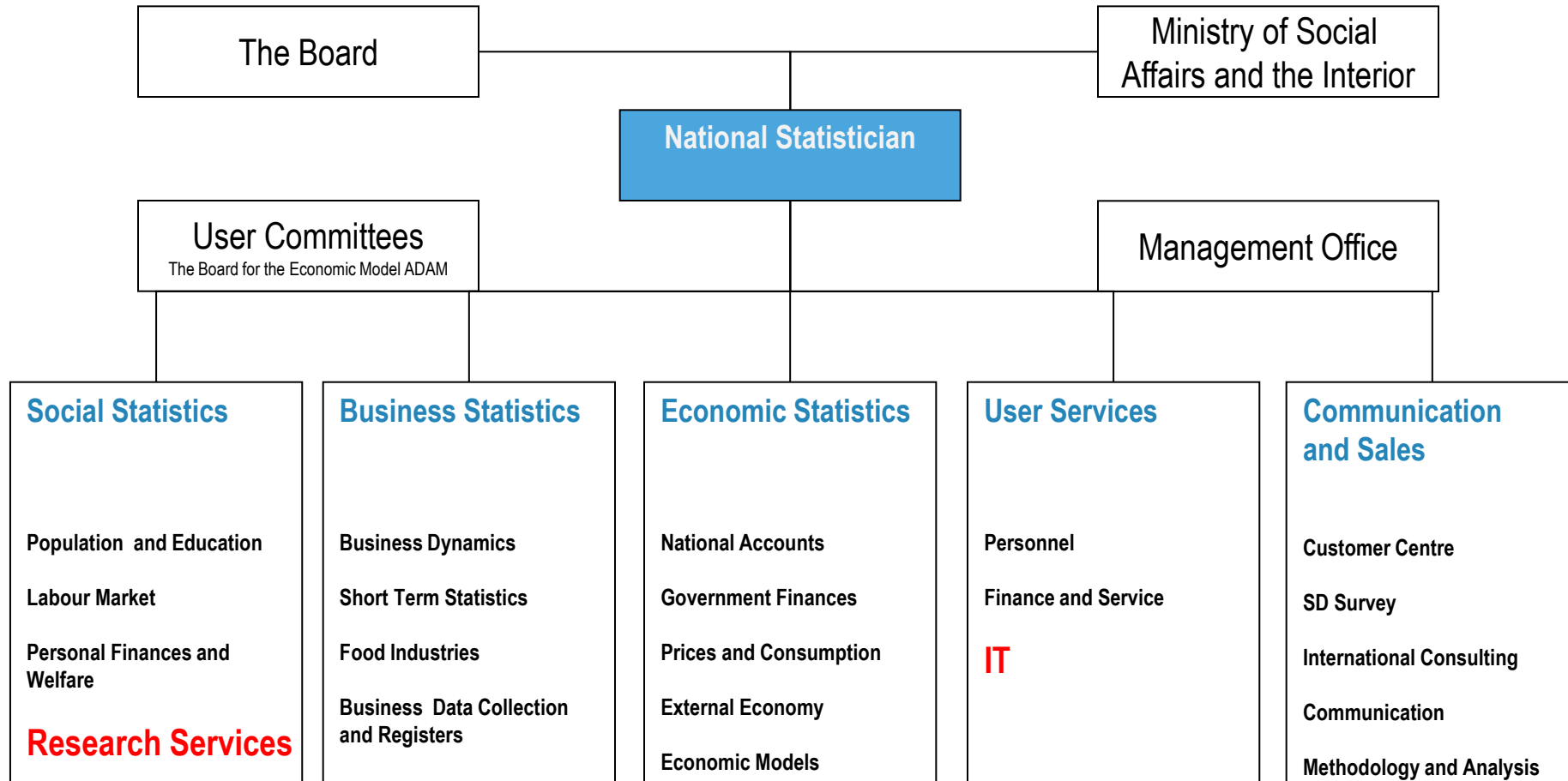


**380 new projects, ultimo 2014**

**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



DANMARKS  
STATISTIK



The End!

# Remote Desktop Protocol

