



# The Danish Health Data Authority and the national health data landscape

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**DANISH HEALTH  
DATA AUTHORITY**

# Organisation of the Danish health care system

## Key Principles

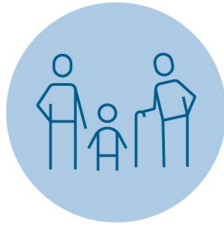
Universal  
coverage

Free &  
equal access

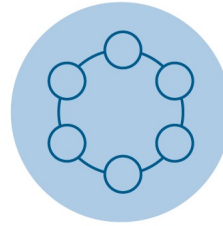
Financed by  
general taxes

A high degree of  
decentralization

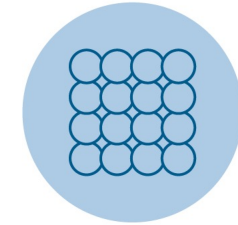
# Danish health data is unique



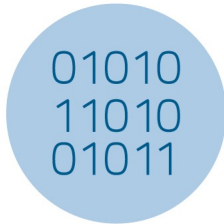
Covers the entire population during many years



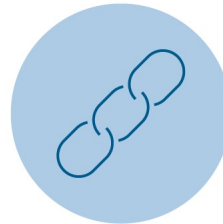
Covers many health areas



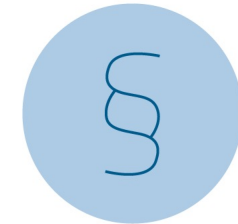
Data is collected in national registers



High data quality due to standardisation and digitisation

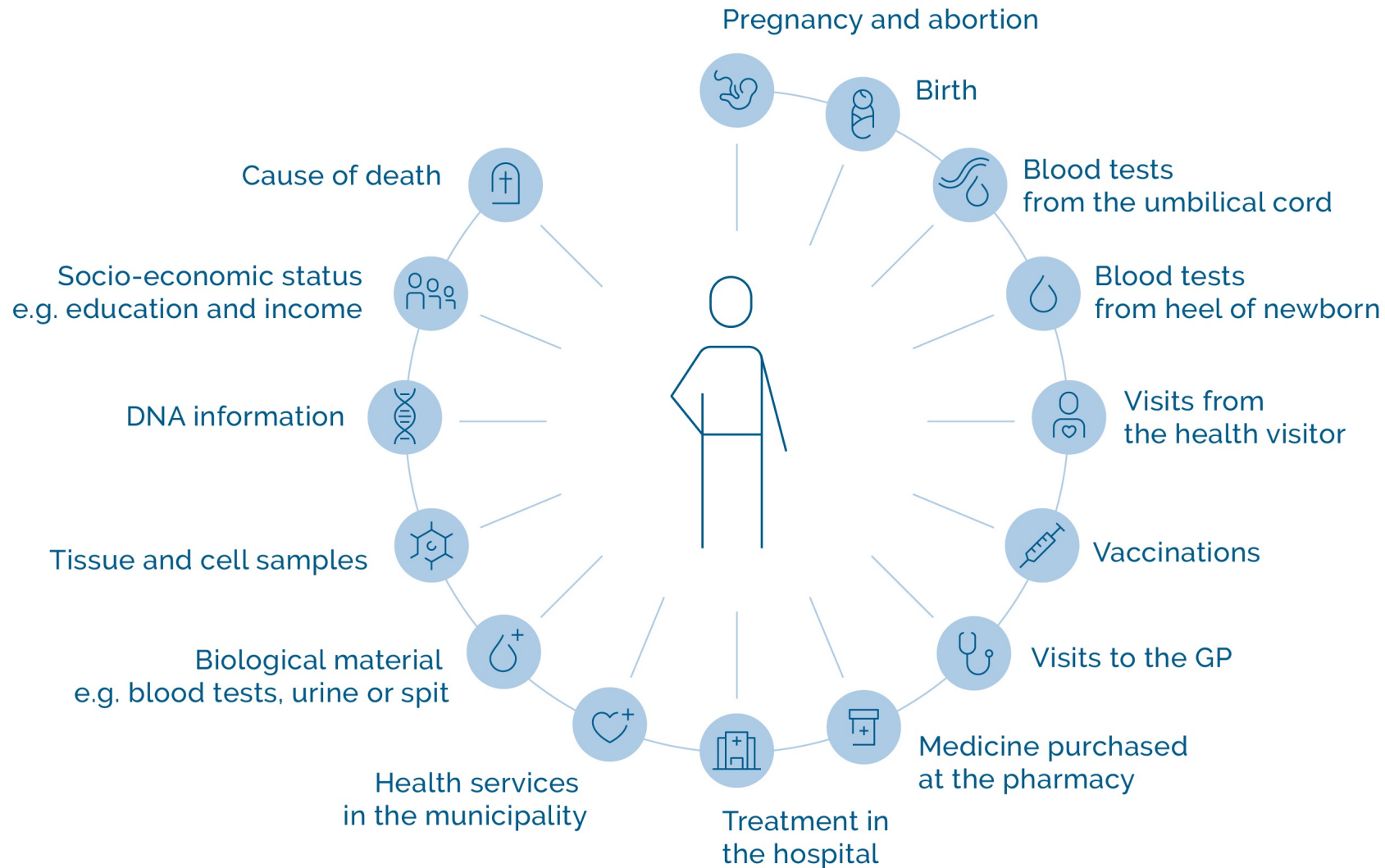


The Danish personal identification numbers enable linking of data across registers



Legislation ensures balance between personal data protection and use

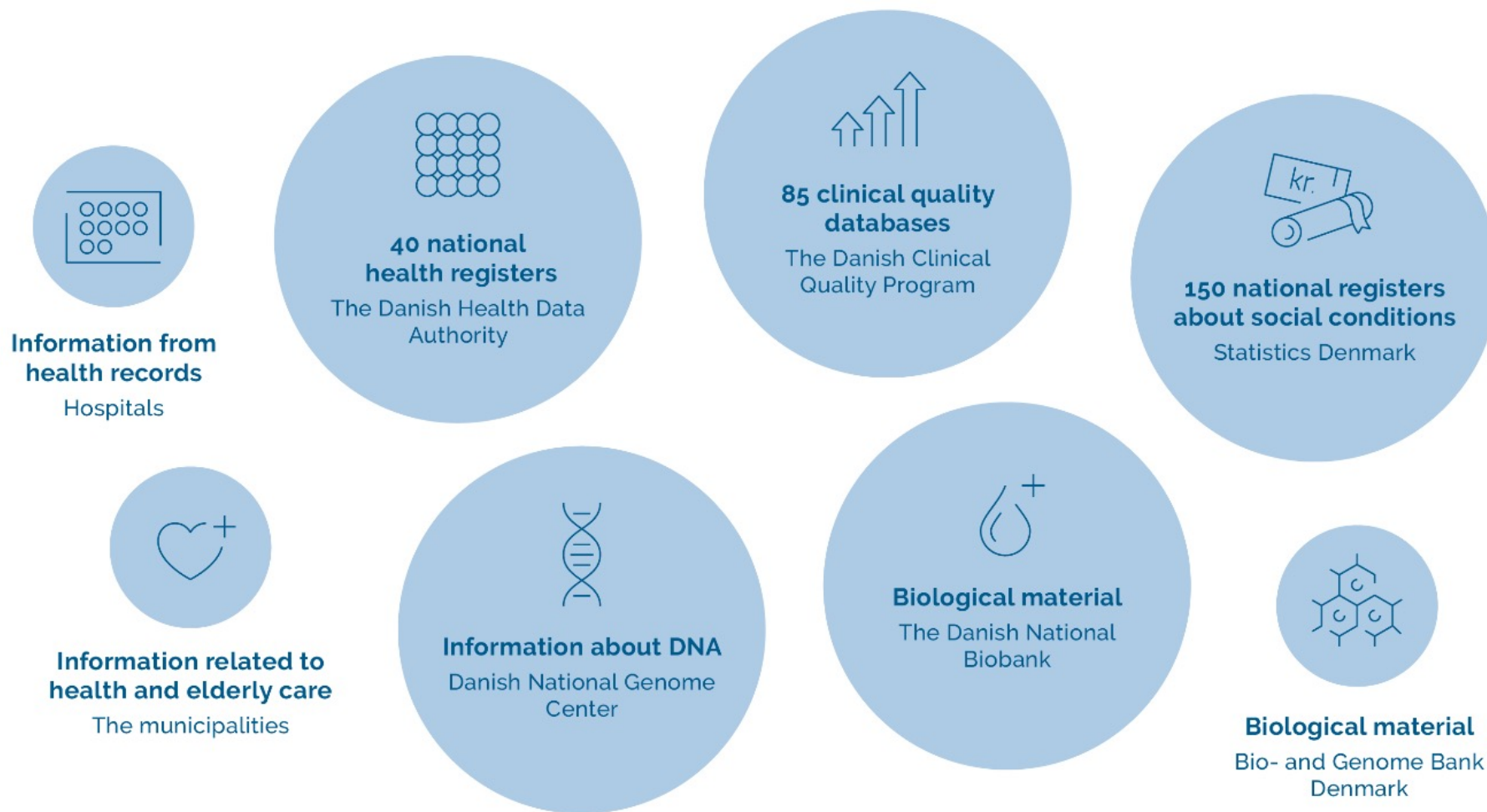
# Health data in Denmark



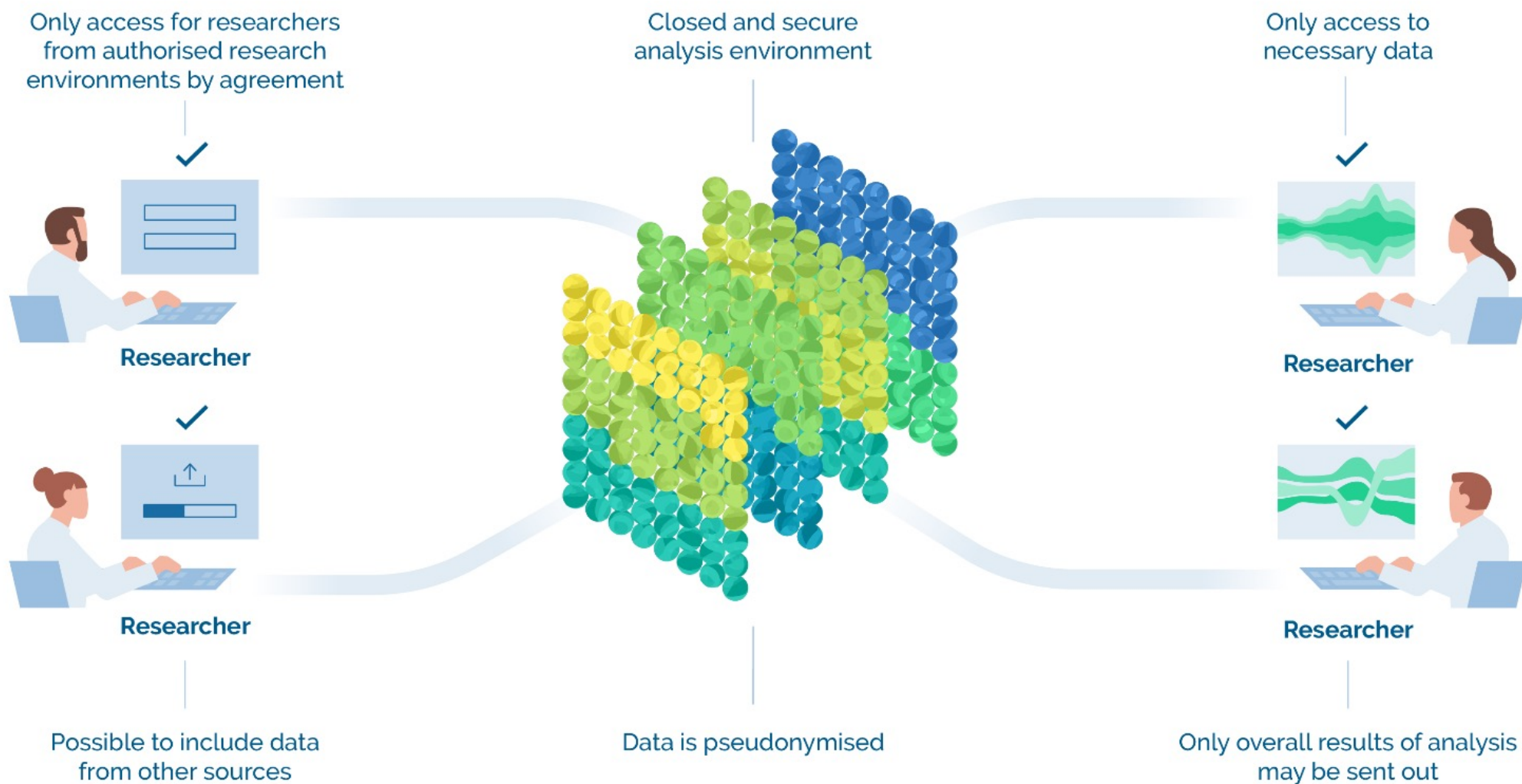
# Examples of registers

Register	About e.g.
 The National Patient Register	Treatments in hospitals
 The National Hospital Medication Register	Medications in hospitals
 The Register of Pharmaceutical Sales	Sales and supply of medicinal products
 The Cause of Death Register	Deaths and causes of deaths
 The National Cancer Register	New cases of cancer
 The National Child Health Register	The height and weight of children and the duration of breastfeeding
 The Birth Register	Births and complications
 The National Register of Coercive Measures in Psychiatric Units	Use of coercion when admitted to psychiatry
 The Register of Rehabilitation	Rehabilitation in the municipalities
 The Clinical Laboratory Information Register	Examinations and results of e.g. blood tests, urine tests and other body fluids
 The Cost Database	Costs of treating patients in public hospitals
 The National Medical Implants Register	Inserted implants
 The Danish Pathology Register	Examinations and results of tissue and cell samples

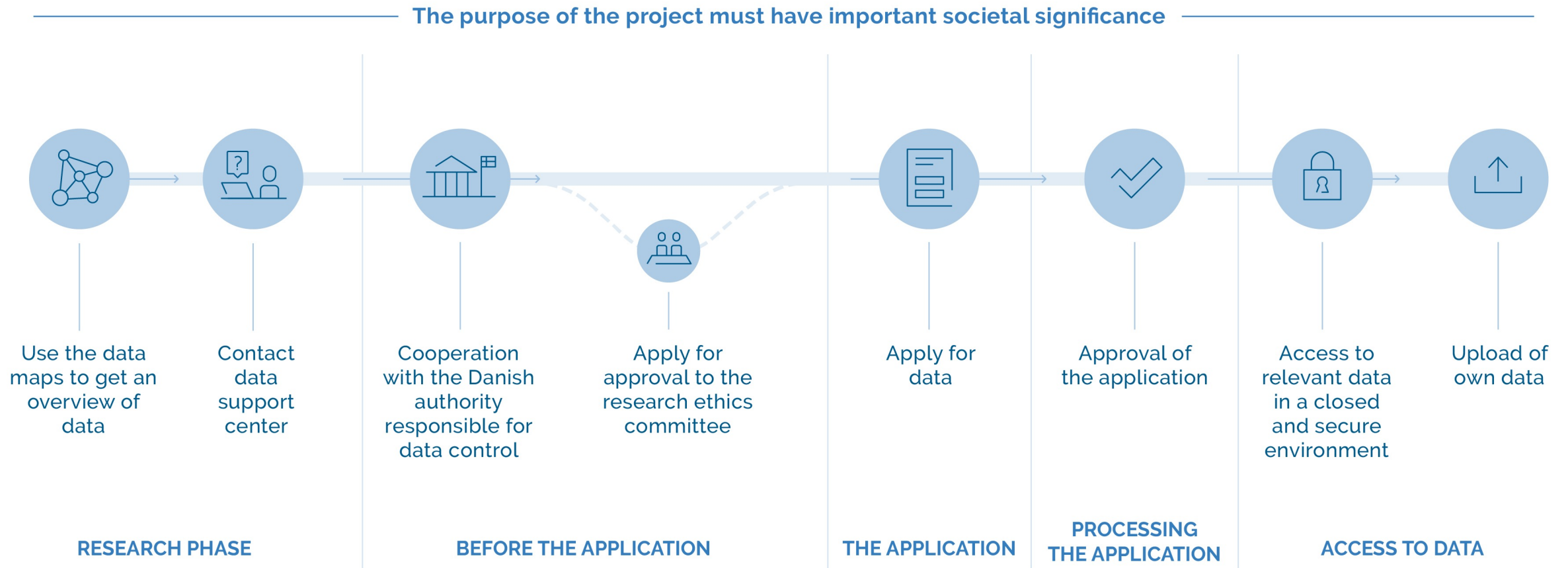
# The Danish health data are stored by key agents



# The Secure Research Platform



# Application process for research and quality projects for foreign researchers/companies





# Danish strongholds: personalized medicine

- Danish national health registries and databases provides excellent basis for personalized medicine
- A balanced legislative framework allows good possibilities for data usage as well as data protection
- Central data service solutions and secure data analysis infrastructure enable combination of different health data
- An example: ENFORCE - National cohort study of effectiveness and safety of SARS-CoV-2 vaccines