

# Denmark - Building Tomorrow's Clinical Trials Ecosystem Today through a Strong Public-Private Collaboration

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CEO Trial Nation

# Topics that will be covered in this session

1. Denmark: Healthcare and health data
2. Life Science is a Danish political priority
3. Trial Nation and its role

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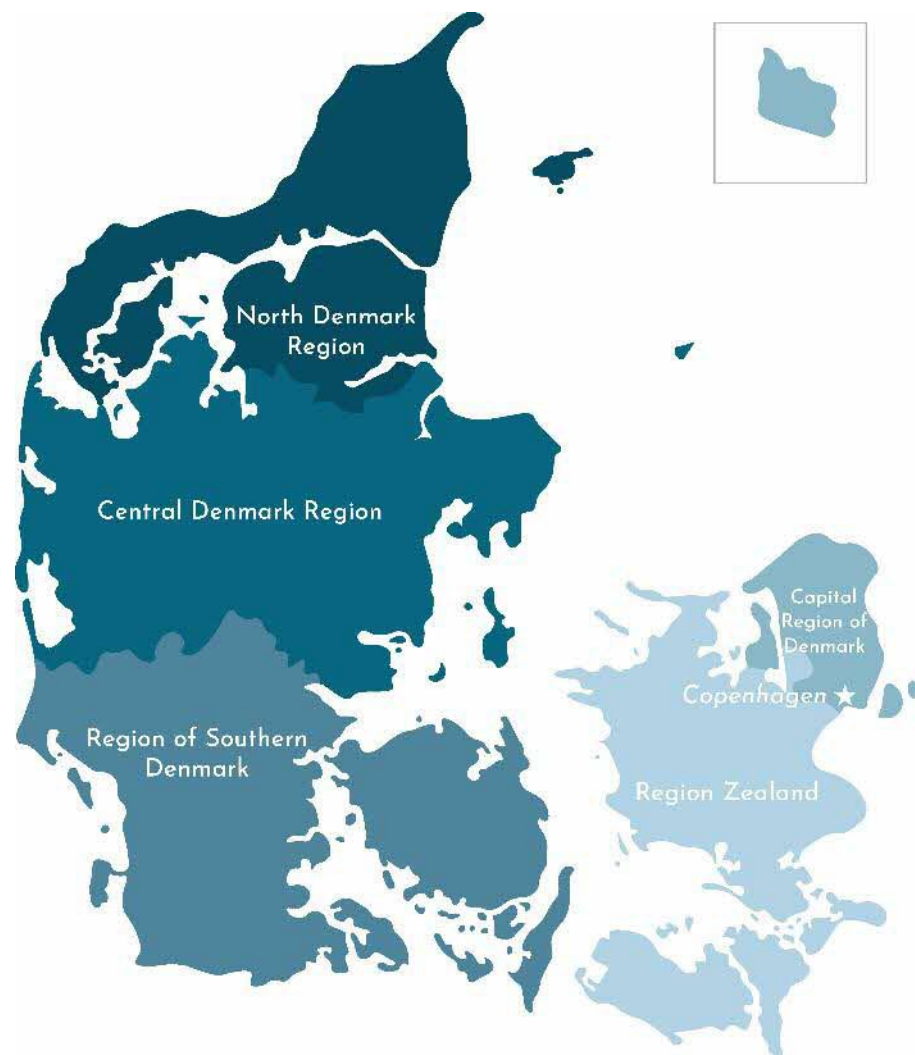
1. Denmark: Healthcare and health data



# Denmark

- ♥ 5,9 million people
- ♥ Outstanding clinical competencies
- ♥ Extensive, saturated, longitudinal (health) data
- ♥ "Central Person Register" Unique 10 digit identifier linked to each individual – since 1968
- ♥ CPR linked EMR system - from cradle to grave
- ♥ 160 additional CPR linked health registries
- ♥ National biobank w/ 30.6 mio CPR linked samples and growing

# Organisation of Healthcare in Denmark



- Tax funded **Universal Healthcare Coverage**
- The **State** - overall regulatory and supervisory functions in health and elderly care.
- The five **Regions**:
  - hospital care, including emergency care
  - psychiatry
  - healthcare services provided by general practitioners (GPs) and specialists in private practice.
- The **Municipalities** are responsible for a number of primary health and social services, such as elderly care

# IMAGINE A COUNTRY THAT HAS....

Health data that covers the entire population

All data is linkable

A fully digitalized healthcare system

Data in real time

A structured process to access data

A long history of data collection

Health data from cradle to grave

A high degree of detailed health data

A strong public-private collaboration in Life Science

An entire ecosystem for health data

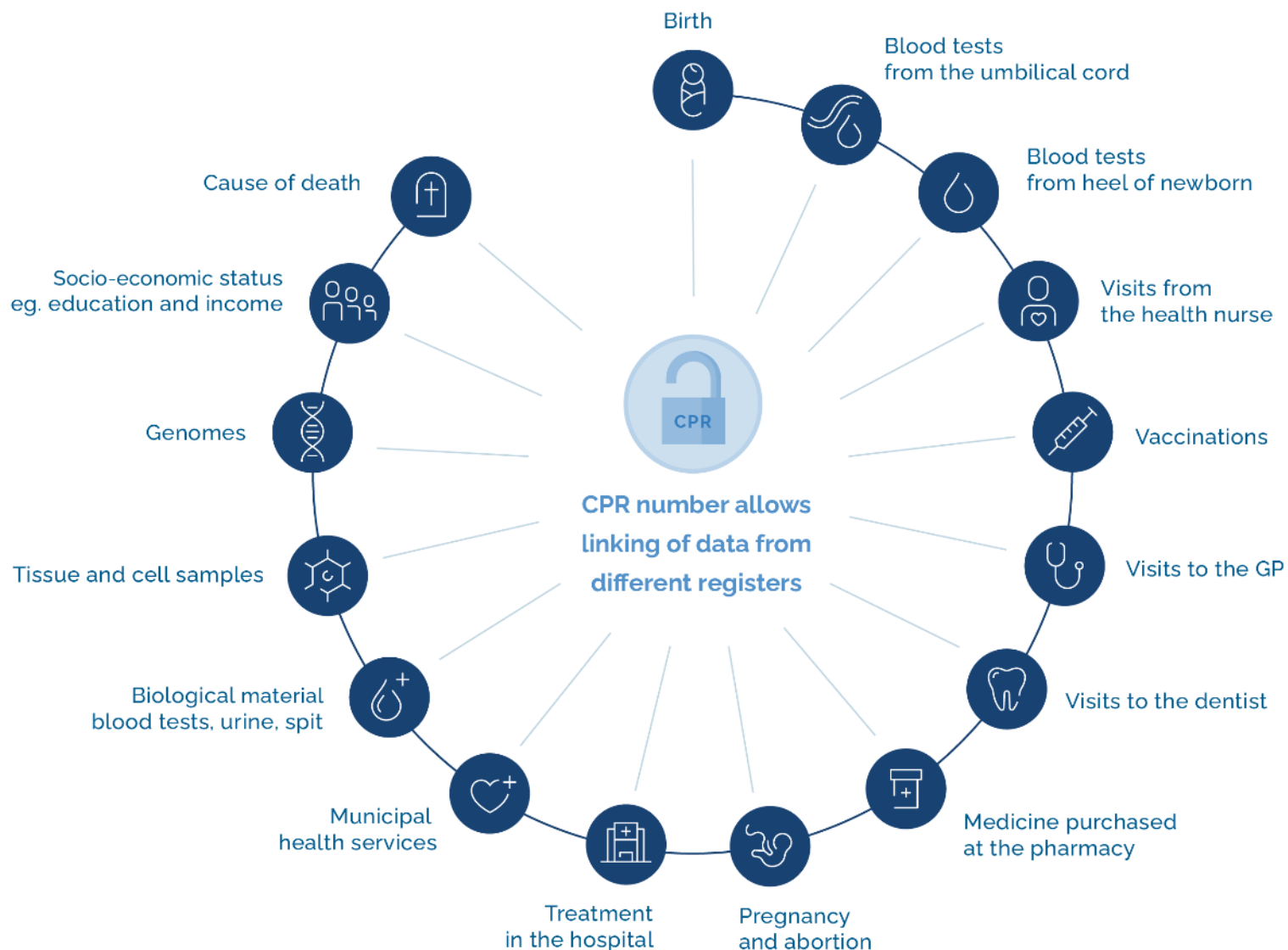
High data quality

Many different types of health data

.....THAT IS DENMARK



# Linkable Health Data from Cradle to Grave



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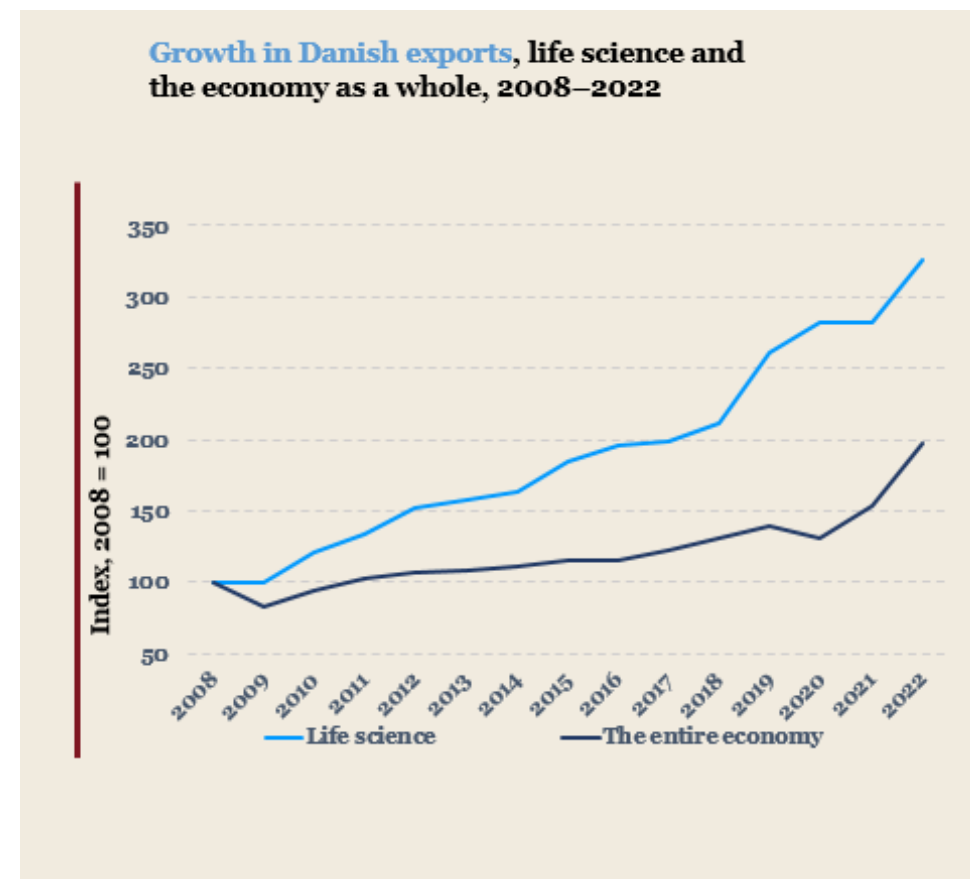
2. Life Science is a Danish political priority



# Share of Exports from 5.5% to 19.7% in 14 years

In 2008, life science exports accounted for 5.5 per cent of total Danish merchandise exports. This number has increased to 19.7 percent in 2022.

Exports from life science alone have more than tripled, in comparison to total exports just under 100 percent.



# Strong Policy Prioritization of Life Science



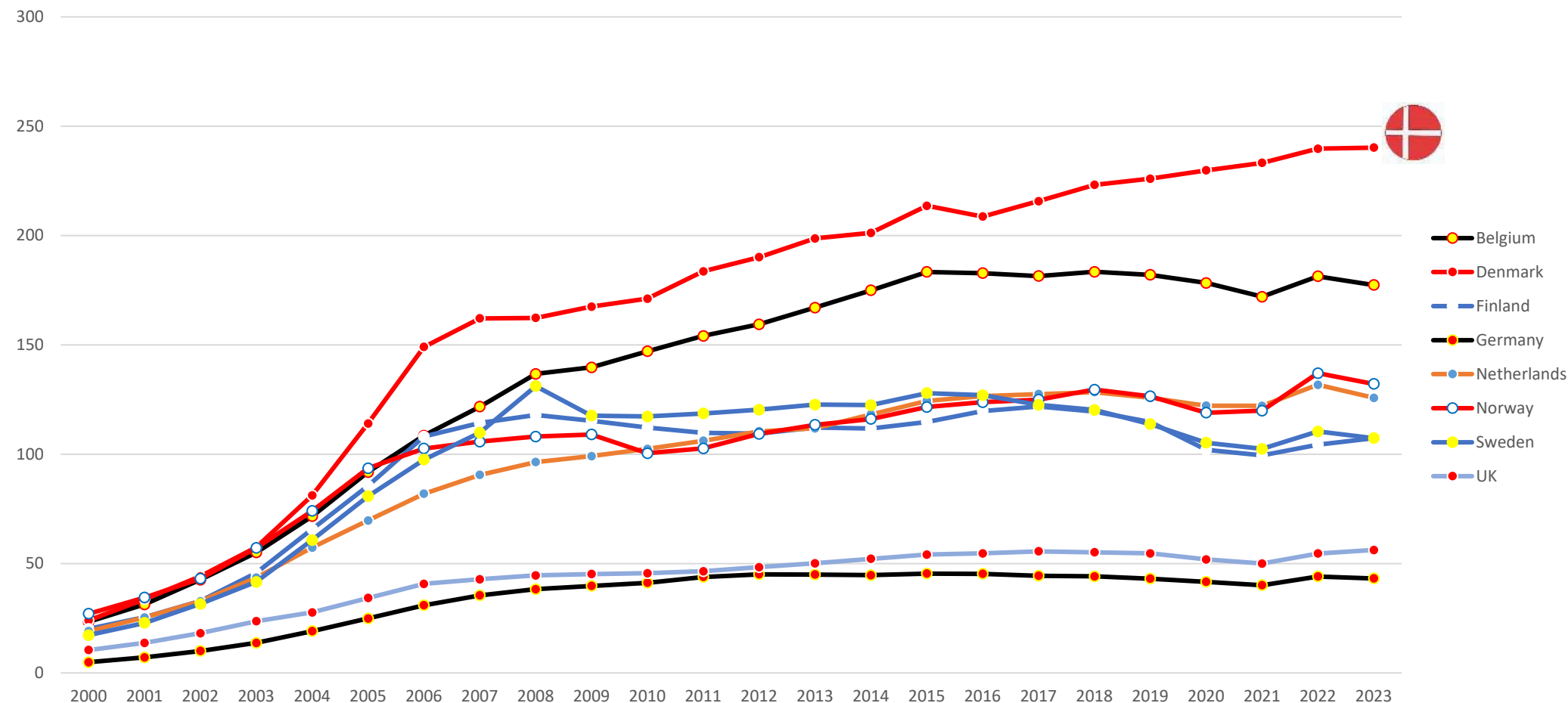
Growth Plan for Life Science from 2018  
and  
Agreement on a strategy for life science from  
2021

# Topics that will be covered in this session

## 3. Trial Nation and its role

# Continued Growth of Clinical Trials in Denmark

Strong tradition for both industry initiated and academic clinical trials



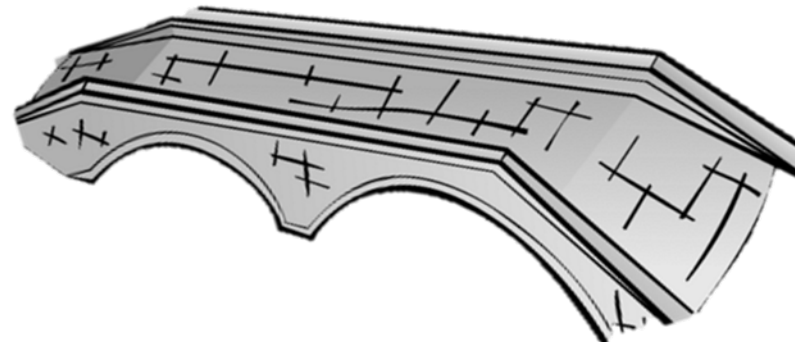
Number of ongoing industry- and investigator initiated clinical trials per million inhabitants

Source: GlobalData and Eurostat



# This is Trial Nation

- Trial Nation is **a single entry** to commercial clinical trials in Denmark– **clinical infrastructure**
  - Primarily publicly funded.
  - Alle Trial Nation's services are **free of charge**
- Trial Nation is a prioritised stakeholder in the Danish life science strategy focussing on:
  - A public-private **partnership in clinical trials**
  - **Framework conditions for clinical trials in Denmark**
- Established to make Denmark the preferred destination for commercial clinical trials



# Trial Nation Vision

*We pave the way to a future where:*

Patients enjoy stronger sustainable health  
driven by fast access to cutting-edge medicine  
and medical technology

Health care professionals save more lives  
and promote stronger health  
by always having state-of-the-art medical research  
and the latest discoveries right at their hand

Through clinical research we create a better health  
and wealth for Denmark

# Strategic Position

Trial Nation promote clinical trials in Denmark and is the leading public-private ecosystem for clinical trials in Europe

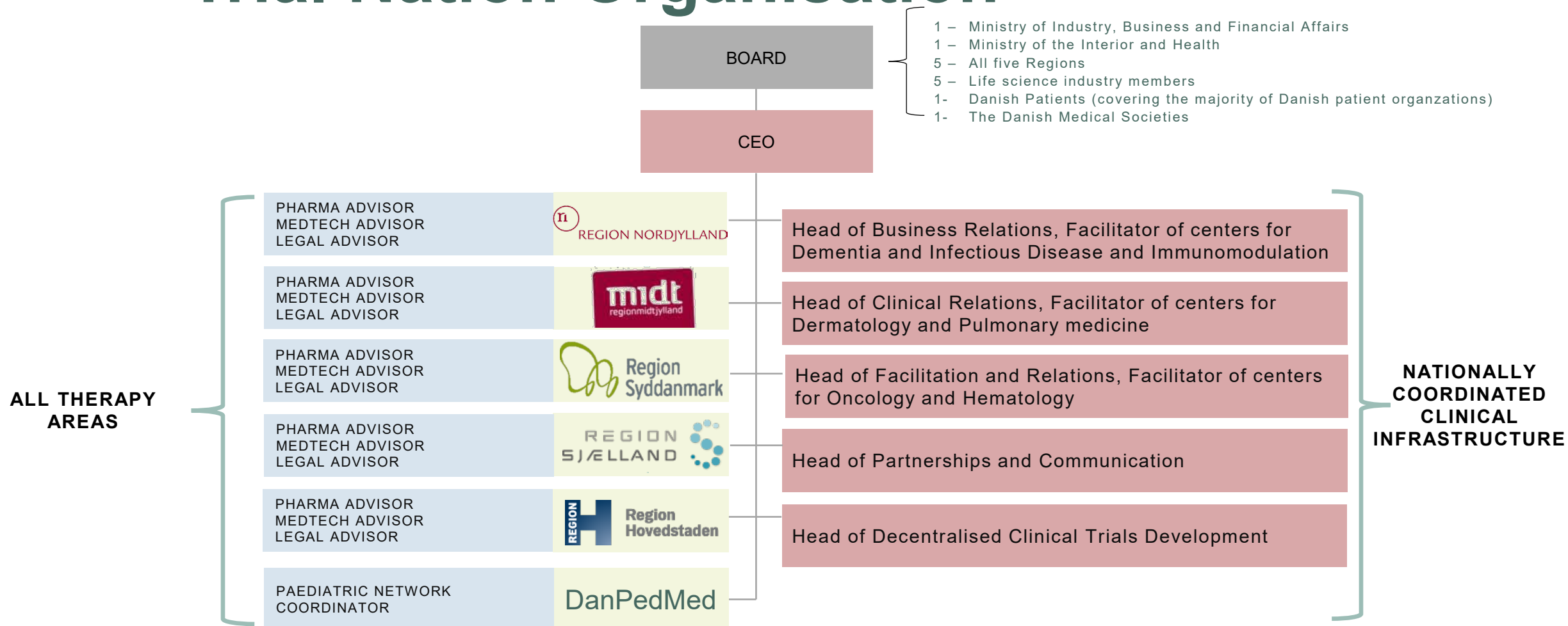
Trial Nation's remit is to expand and maintain the foundation to secure Denmark's position among top three in Europe (number of clinical trials relative to population)

Trial Nation strengthen framework conditions to attract more clinical trials at the highest international level by efficient collaboration and coordination across regions, authorities, clinical researchers and stakeholders

Trial Nation lead *state-of-the-art* methods and technologies in the planning and execution of clinical trials

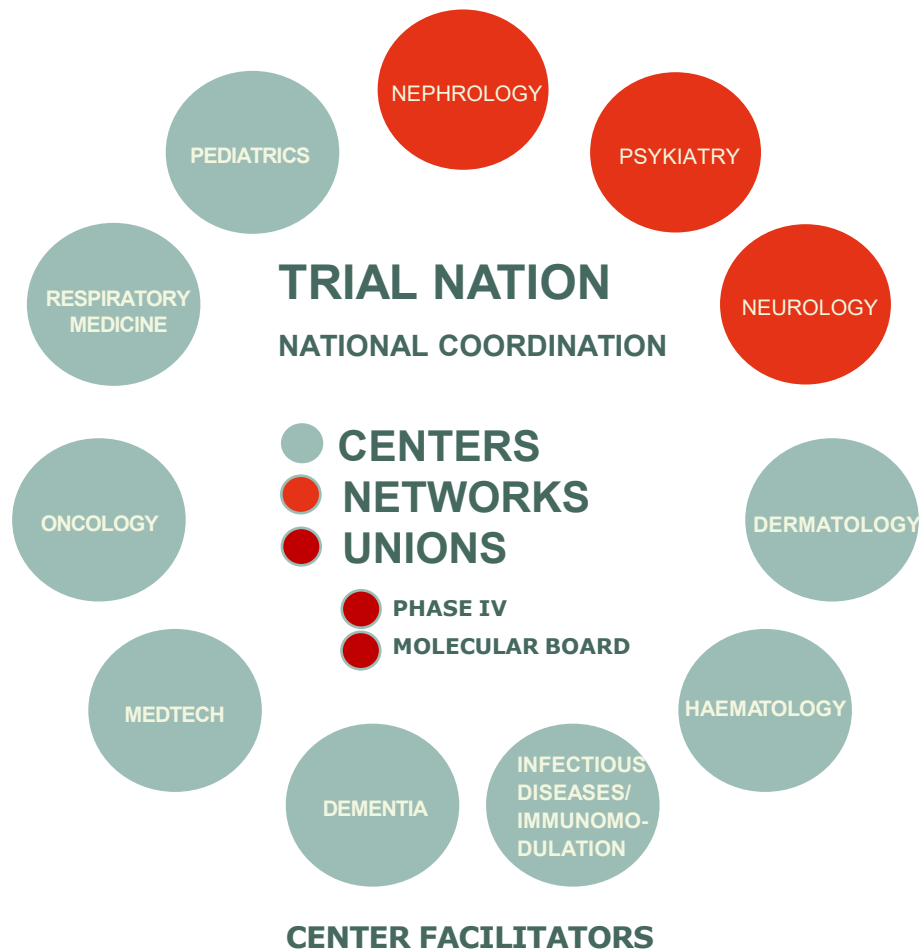


# Trial Nation Organisation





# Easy Access to Clinical Infrastructure



CONFIDENTIALITY UNDERTAKING FOR A CLINICAL TRIAL

STANDARD CLINICAL TRIAL AGREEMENT

STANDARD CLINICAL INVESTIGATION AGREEMENT – MEDICAL DEVICES

STUDY START-UP AGREEMENT

CRO - STANDARD CLINICAL TRIAL AGREEMENT

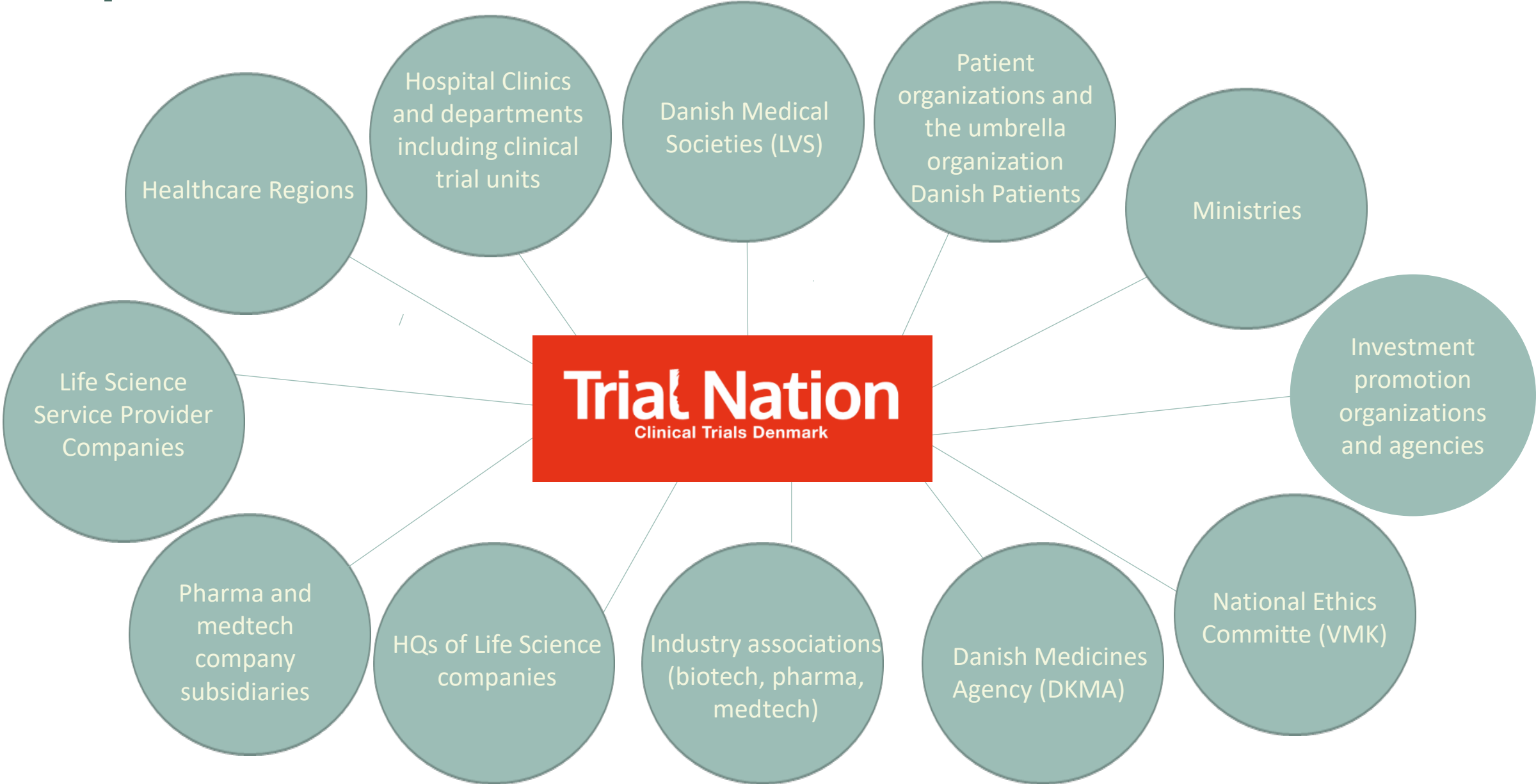
## READY TO USE TEMPLATES

The healthcare regions in Denmark have formed a legal network within Trial Nation to ensure that the regions act as a united negotiation party for contract templates in relation to the industry.

The network provides efficient negotiation of contract templates (for CDAs, CTAs and Clinical Investigations) relating to clinical trials and investigations in Denmark. Contract templates can be used as they are or be tailored to your company. Consider using the standard templates below for the fastest possible processing time as they are pre-approved in all regions and no negotiation time is need. Please note that the Trial Nation network only negotiate contract templates, individual contracts are handled in each region. Please also note that the Trial Nation network does not provide general legal advice.

You can contact us regarding a company specific contract template (CDA/CTA/Clinical Investigation) negotiation request at [legal@trialnation.dk](mailto:legal@trialnation.dk)

# Examples of Trial Nation Clinical Trials Interfaces



# Frerunner in Digitalization

Borger

Fagperson

**sundhed.dk**

Log på

Søg

Menu

## Din digitale indgang til sundhedsvæset

Vi samler dine sundhedsdata og gør det nemt for dig at få overblik over din sundhed og sygdom. Du kan også bruge sundhed.dk til at søge efter en behandler, finde information om sundhed og sygdom, læse om patientrettigheder og meget mere. Log på og se dine egne sundhedsdata.

Se dine sundhedsdata

## Genveje til de mest anvendte sundhedsdata

Medicinkortet >

Laboratoriesvar >

Journal fra sygehus >

Dine sundhedsdata >



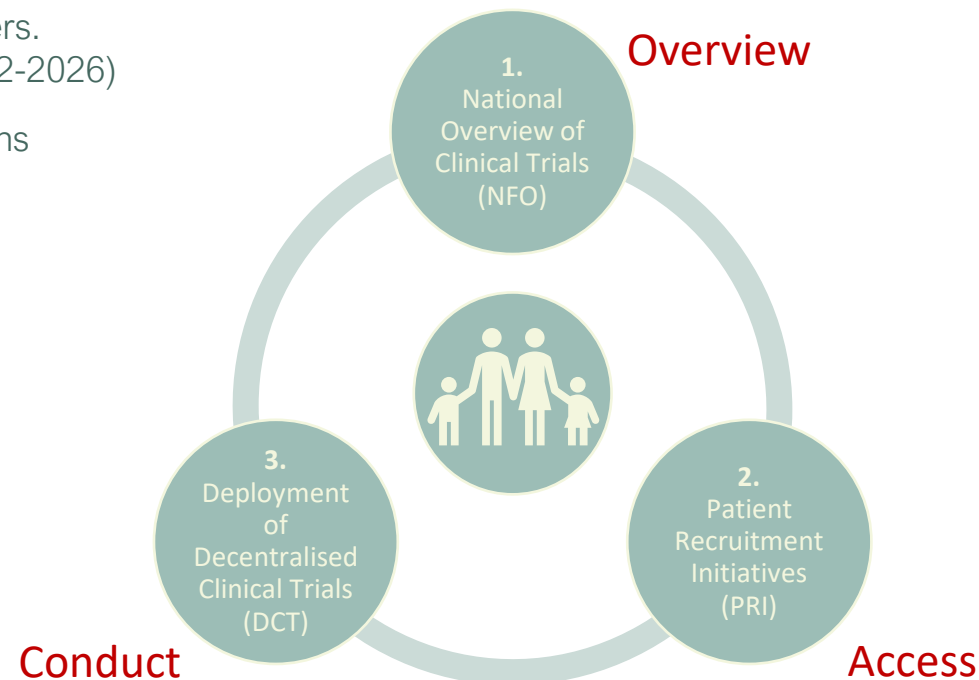
Chat med os



# Supporting Decentralized Clinical Trials Implementation

**Trial Nation** is leading a powerful public-private partnership of Danish life science stakeholders.  
PACT (Decentralised Patient Centered Clinical Trials) project: A € 5 M project (4 years, 2022-2026)

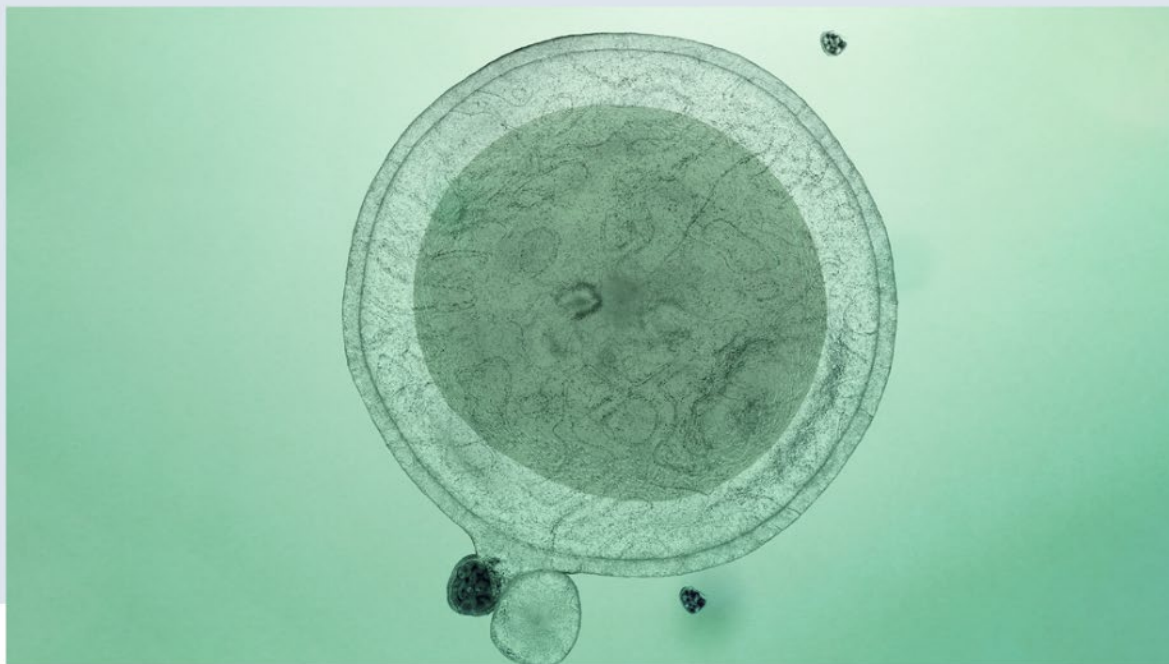
The overall aim is to make the clinical research more available for Danish patients and citizens



# Advanced Therapy Medicinal Products

## Novo Nordisk Foundation Cellerator

The initiative aims to advance the cell therapy ecosystem and enable transformative treatments.



The Cellerator will serve public and private, national and international clients from academia, biotech and the pharmaceutical industry. Approval will be sought from the Danish Medicines Agency to produce cell therapies for clinical use and the facility is expected to be operational in 2027.

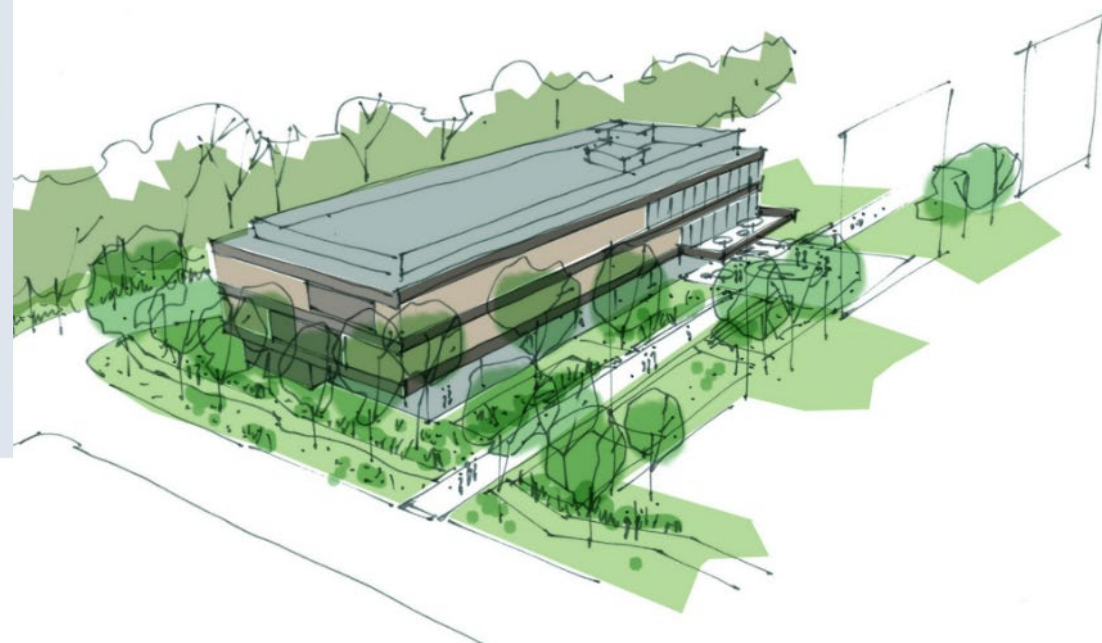


Illustration of the facility building on Lyngby Campus developed during the conceptual design phase. Credit: Tegnestuen Kontekst ApS.

# Key Messages

1. Continuous political support to Life Science in Denmark
2. Excellent public-private collaboration creates health, wealth and knowledge
3. Having an organisation gathering clinical trials stakeholders around a shared, national agenda is impactful.

# Trial Nation

Get in touch:

[contact@trialnation.dk](mailto:contact@trialnation.dk)

[www.trialnation.dk](http://www.trialnation.dk)

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