

riaal National  
Clinical Trials Denmark

# **Trial Nation - A Part Of the Danish Clinical Research Ecosystem**

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# Topics

1. Background and History to the establishment of Trial Nation
2. Health infrastructure of Denmark and Trial Nation
3. Offerings and Metrics

# Topics

1. Background and History to the establishment of Trial Nation

# Clinical Research plays a central role in Life Science



**Healthcare System**



**Clinical Research staff**



**The latest discoveries  
to Danish patients**



**The development of future therapies  
and medtech solutions**

# Focus on Clinical Trials in Denmark

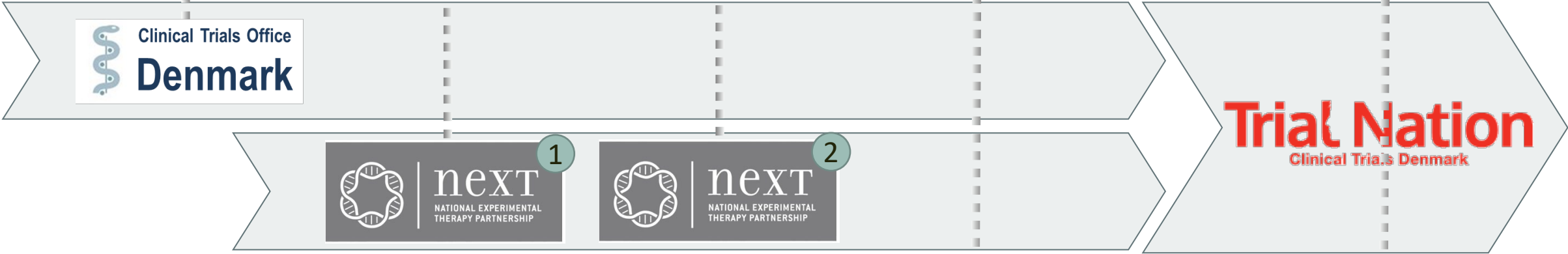
2012

2014

2016

2018

2021





# Strategi for life science



## High political focus

In 2021 the Danish Government presented an ambitious life science strategy

# Ansvar for Danmark

Det politiske grundlag for Danmarks regering

## Governmental policy declaration with health in focus

Regeringen vil derfor nedsætte en strukturkommission, der skal udarbejde et beslutningsgrundlag, der opstiller og belyser modeller for den fremtidige organisering af sundhedsvæsenet, herunder hvordan vi får:

- Et sundhedsvæsen, der er sammenhængende og samarbejder på tværs af fagligheder og geografi.
- En opgavefordeling i sundhedsvæsenet mellem sygehuse og det nære sundsvæsen, der sikrer, at patienten kommer i centrum og får en sammenhængende plan for behandling.
- Nedbragt uligheden i sundhedsvæsenet – både geografisk og socialt.



# Topics

## 2. Health infrastructure of Denmark and Trial Nation

# Denmark

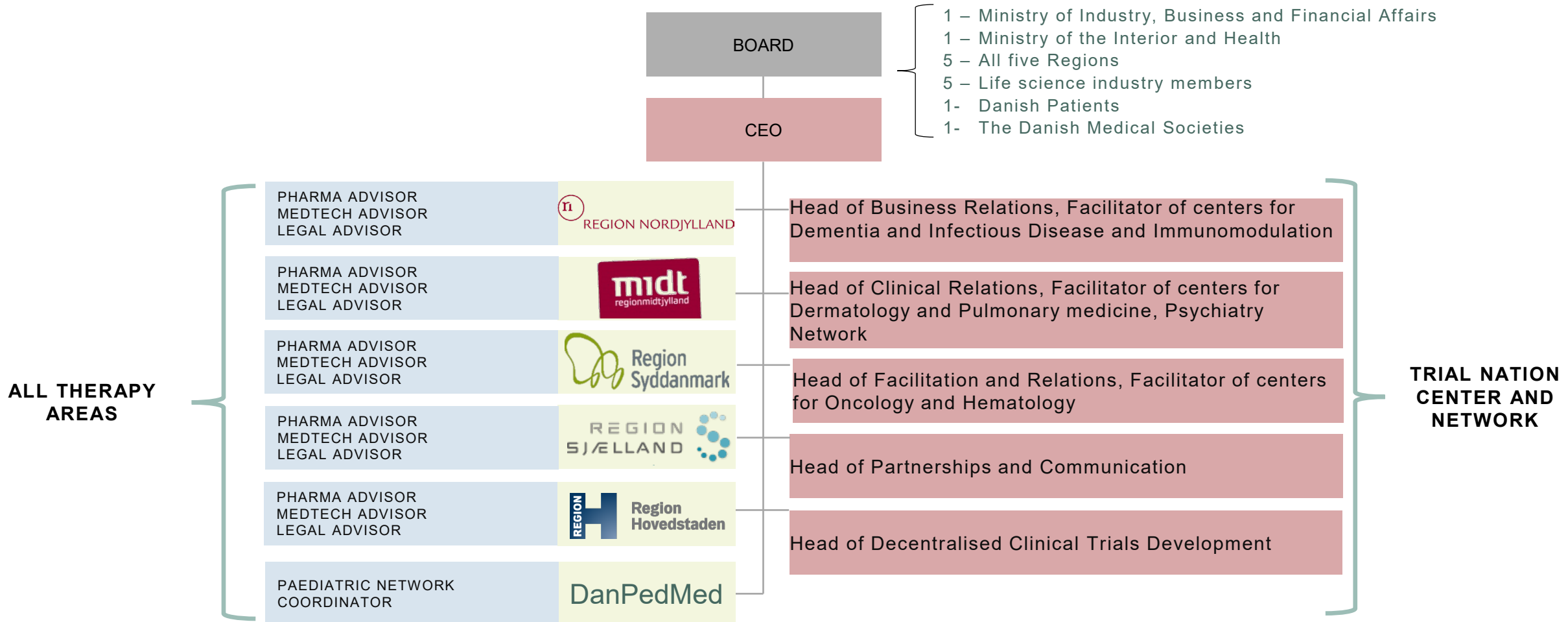
- ♥ 5,8 million people
- ♥ Outstanding clinical competencies
- ♥ Extensive, saturated, longitudinal (health) data
- ♥ "Central Person Register" Unique 10 digit identifier linked to each individual – since 1968
- ♥ CPR linked EMR system - from cradle to grave
- ♥ 160 additional CPR linked health registries
- ♥ National biobank w/ 27mio CPR linked samples and growing

# Organisation of Healthcare in Denmark



- Tax funded **Universal Healthcare**
- 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

# Trial Nation organisation



# Trial Nation Funding Model

Project funding

Membership fees

Public funding (state and regions)  
NB based on policy prioritization

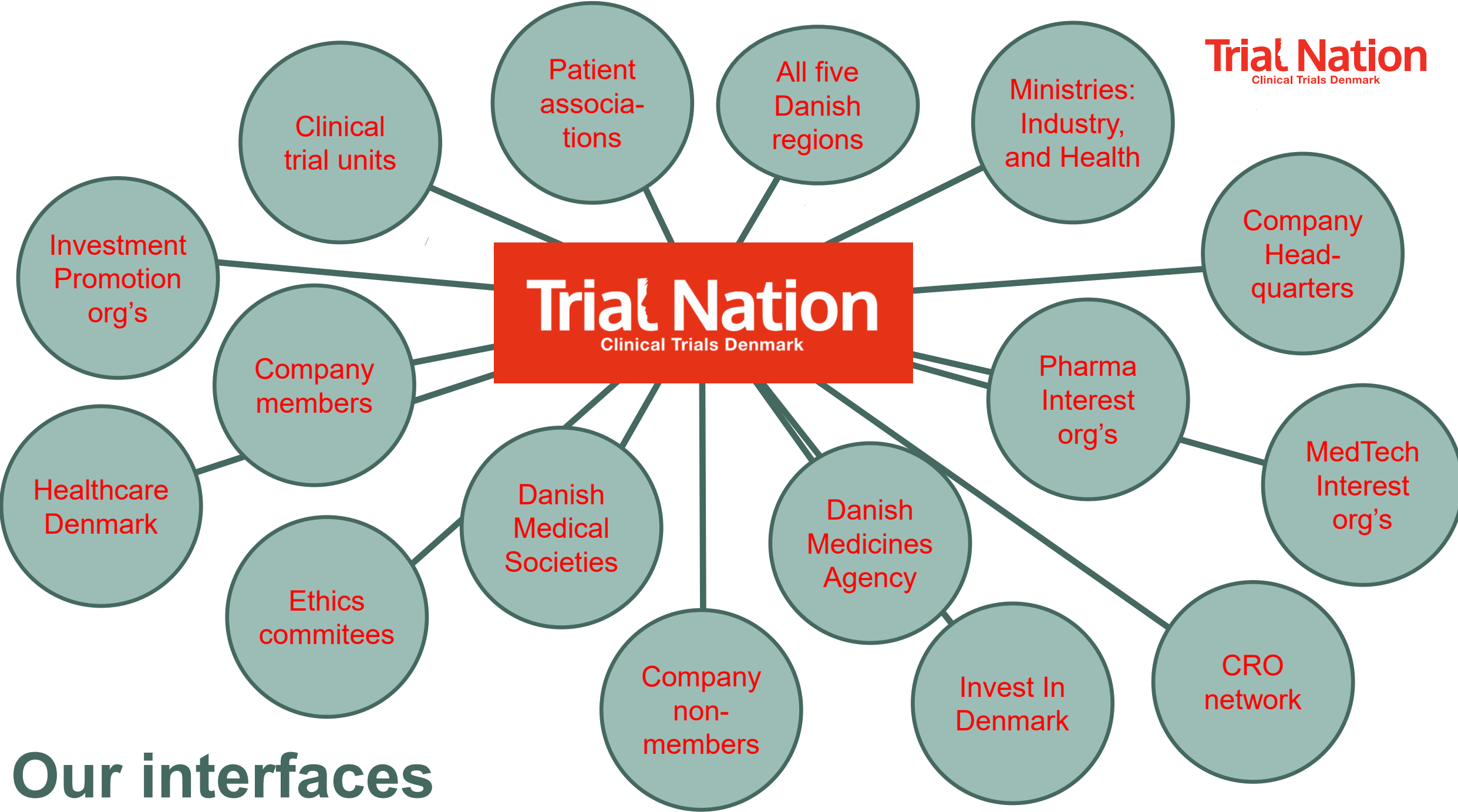
# Trial Nation Vision

*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



# Our interfaces

# The winners of the Clinical Trials Awards 2022



Danmarks bedste kliniske forsøg og afprøvninger 2022

## Partners





# Topics

## 3. Offerings and Metrics

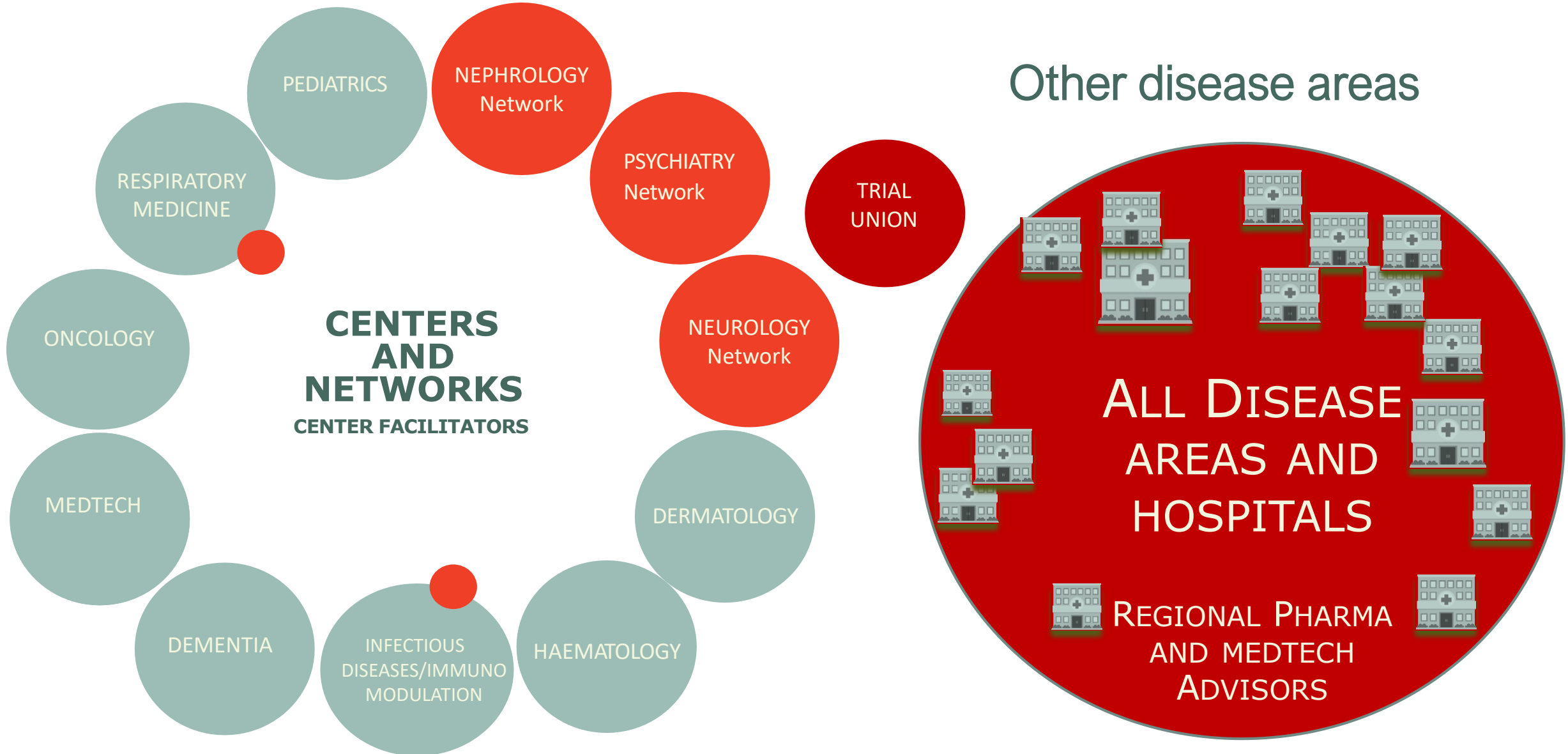
# Offerings

# Selected Trial Nation activities

- Establish and develop clinical networks with excellent track record in clinical trials collaboration with the life science industry.
- Support clinical trial infrastructure at more than 40 clinical trial units in Denmark
- Provide training
- Facilitate feasibilities for all therapeutic areas and across Denmark
- Market Danish clinical trials skills and capabilities internationally
- Address barriers for clinical trials attraction
- Define and drive strategic collaboration projects in a public-private setting → strengthened dialogue between clinical research environments and life-science companies



# Centers, Networks and Unions



# Decentralized Clinical Trials

- Create a permanent public-private framework that supports patient-centered implementation of decentralized clinical trials in Denmark
- Meets the patients where they are
- DK as the preferred country for DCT



# We build on a solid foundation

## Digitalization

Denmark ranked as no. 1

- The EU Commission published:
  - DESI – Digital Economy and Society Index, 2021**
    - Digital public services
    - Integration of digital technology
    - Connectivity
    - Human capital



High trust/belief in science and healthcare professionals

## Forward looking authorities

### DCT Guidelines

**LÆGEMIDDELSTYRELSEN**  
DANISH MEDICINES AGENCY

November 2021  
Version 2.0  
10.10.2021

**The Danish Medicines Agency's guidance on the implementation of decentralised elements in clinical trials with medicinal products**

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**DANISH NATIONAL CENTER FOR ETHICS**

**Guidance on decentralised clinical trials (DCT)**  
Danish National Center for Ethics // Section for the Medical Research Ethics Committees

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# Success criteria

- Good health and research infrastructure
- Early and effective digitalization
- Excellent public-private collaboration
- Common vision
- Political support

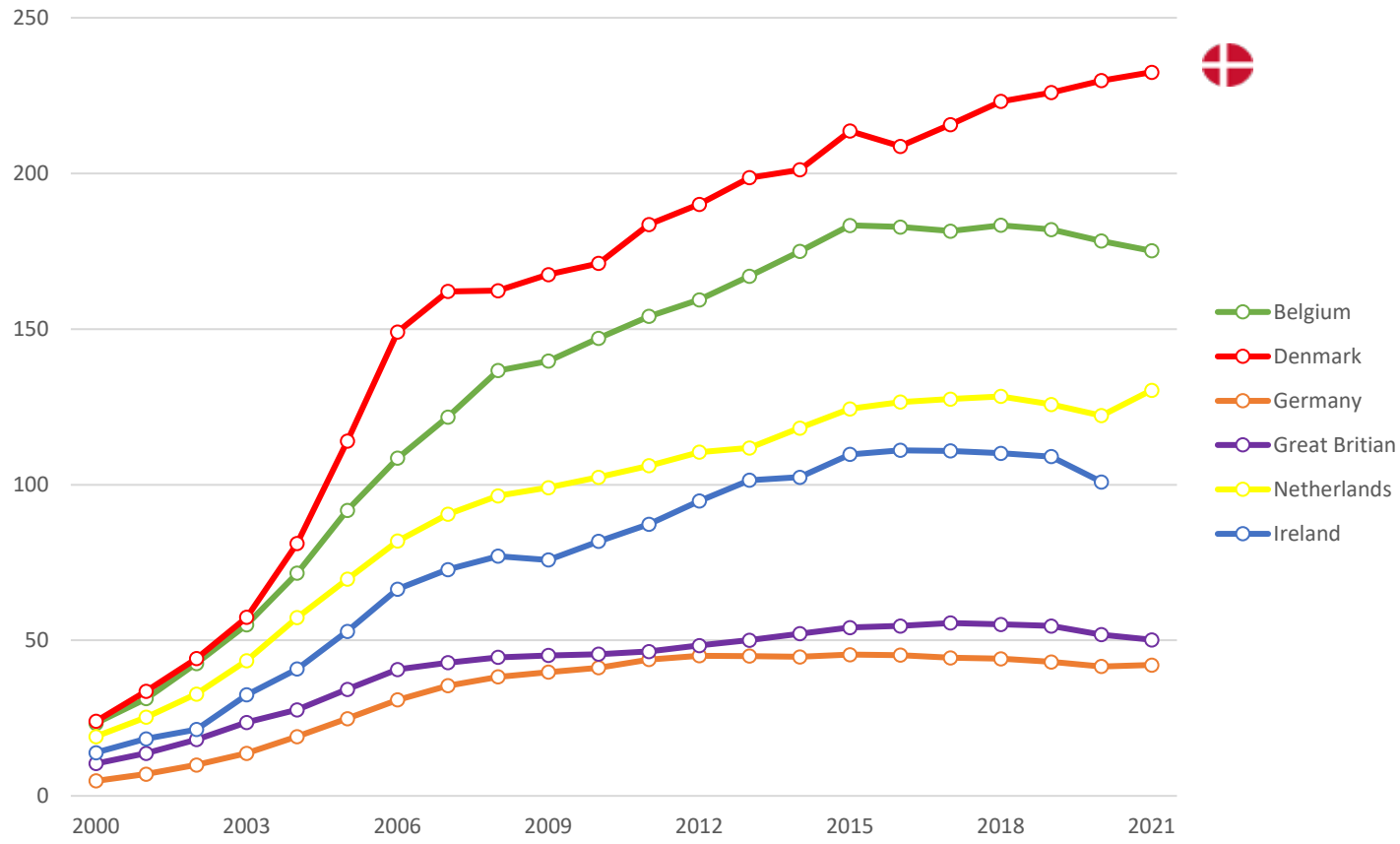
## Metrics - Main areas

- Speed and quality of response
- Position in the EU



# Continued growth of clinical trials in Denmark

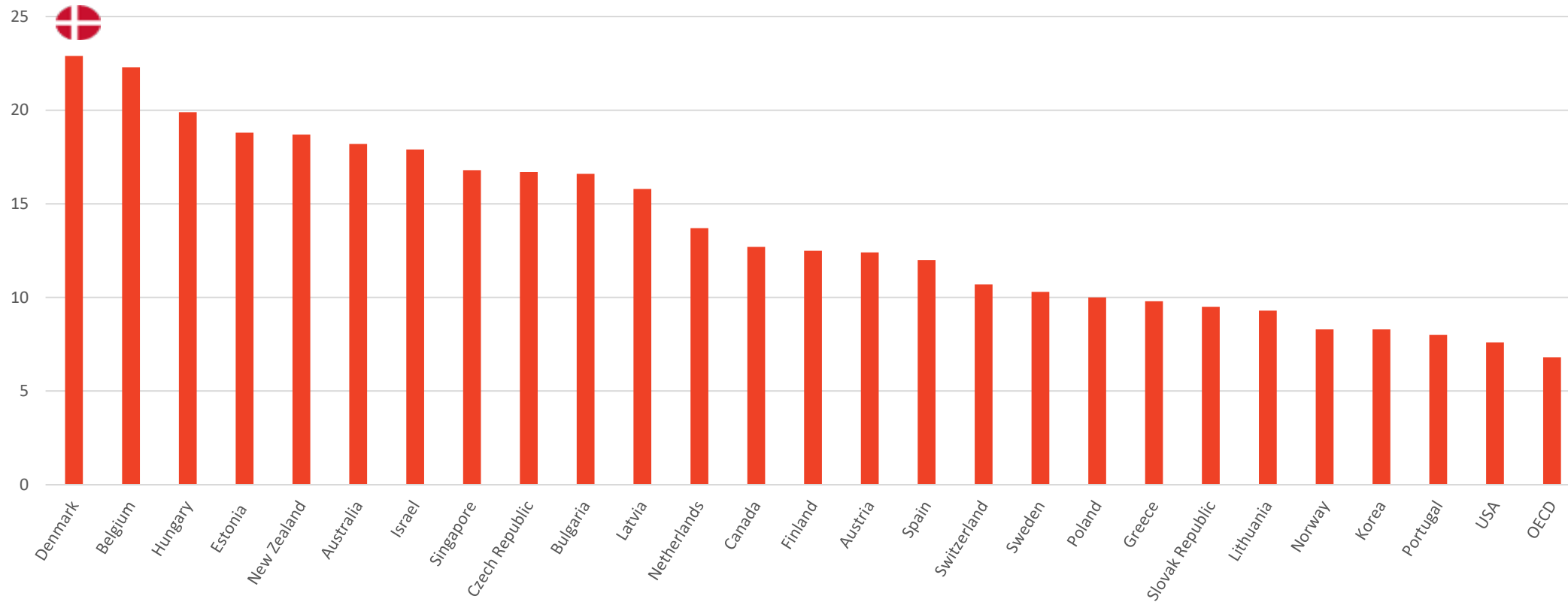
Strong tradition for both industry initiated and academic clinical trials



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

Source: GlobalData and Eurostat

# Denmark has the highest number of industry-funded clinical trials per capita in the OECD



## Countries with the most industry-funded clinical trials per million inhabitants in 2021

Note: Data covers trials in phase 1, phase 2, phase 3 or phase 4. Data was collected in august 2022. Countries also include non-OECD members that are part of OECD databases.  
Source: Clinicaltrials.gov and OECD

# Key messages

1. Driven by demand (health, wealth and knowledge)
2. Synergies between public and private parties
3. Continuous political support

# Trial Nation

Get in touch:

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