

Steno Diabetes Centres – a Danish Public Private Partnership

PUBLIC VERSUS PRIVATE FUNDING IN DENMARK

A satellite view of the Earth, showing the continent of Europe in the upper right and the continent of Africa in the lower right. The image is taken from a high angle, showing the curvature of the planet and the atmosphere. The colors are naturalistic, with green for land and blue for water.

- > Population 5.7 million
- > Healthcare >85% funded by public sources
- > Free and equal access to healthcare

IT ALL BEGAN WITH INSULIN



The scientists

Marie Krogh

August Krogh

The clinician



Hans Christian Hagedorn

The investor



August Kongsted

The entrepreneurs



Thorvald Pedersen



Harald Pedersen







STENO DIABETES CENTER 1932–2016

- Merger of Steno Memorial Hospital and Hvidøre Hospital, 1991
- Complex ownership (Novo Nordisk A/S, Novo Nordisk Foundation and Capital Region of Denmark)
- From manufacturer-driven test institution to independent healthcare provider
- Decentralization and declining number of patients



STENO DIABETES CENTERS

A NATIONWIDE SOLUTION

- To create an internationally leading treatment and research environment to benefit everyone with diabetes in Denmark
- To contribute to fewer new people with diabetes and longer survival with better quality of life for people with diabetes

VISION FOR THE STENO DIABETES CENTERS

Public–Private Partnerships

Denmark's public healthcare system owns and operates the Steno Diabetes Centers

The Foundation grant covers:

Supplementary treatment

Clinical research

Education

Health promotion

Constructing and equipping the building

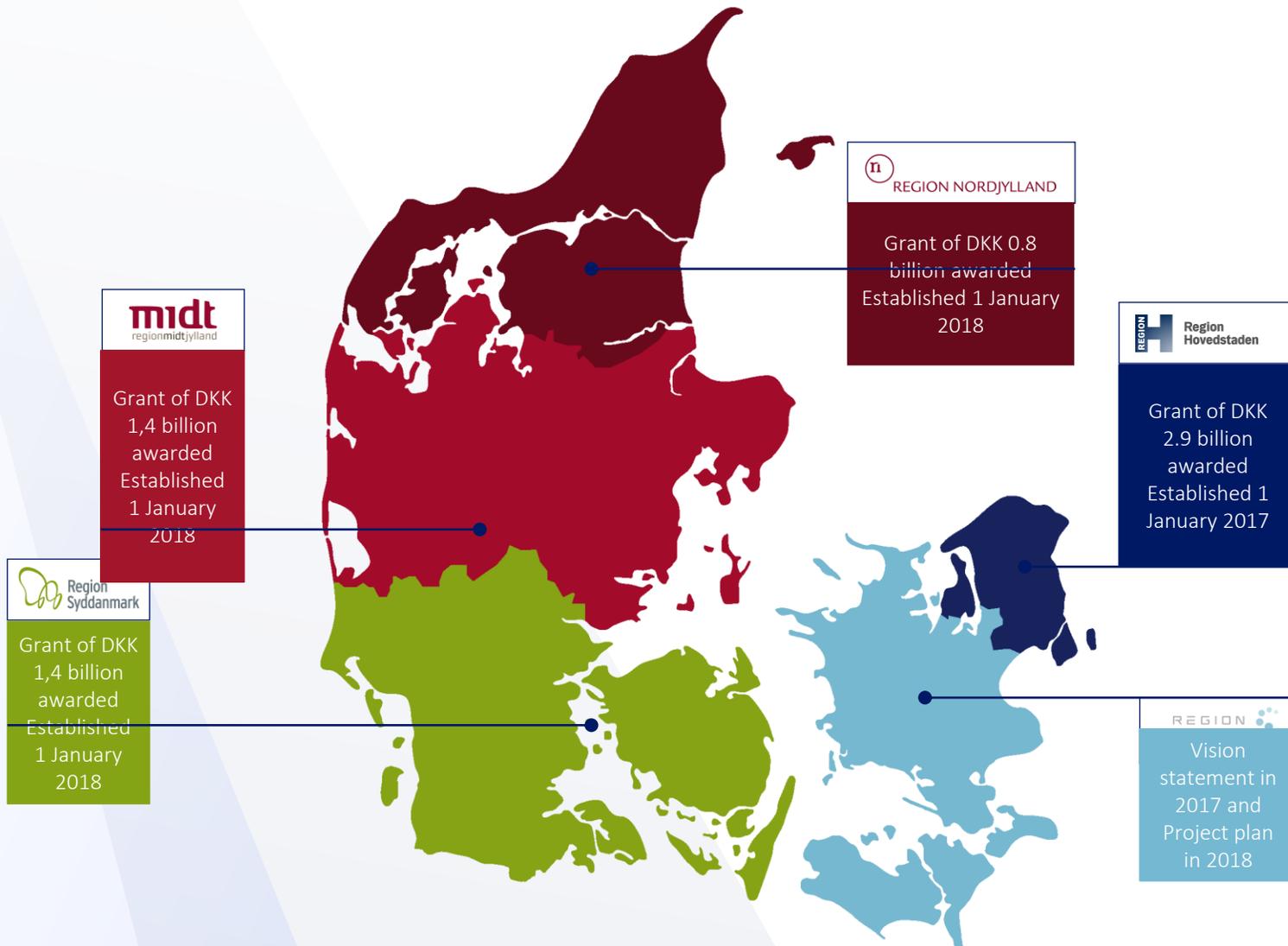
- The agreement runs 10-12 years (but Novo Nordisk Foundation has no end date for the collaboration)
- Financially the Novo Nordisk Foundation supports the Danish regions with DKK 0.8 – 2.9 billions incl. constructions



Steno Diabetes Center Copenhagen

- Established 1 January 2017
- Foundation contribution: €400 million over 13 years
Total budget including public expenditure for the period: €580 million
- The largest treatment facility for people with diabetes in the Capital Region of Denmark
- Will be housed in a separate building on the Herlev Hospital premises, to be inaugurated in 2020
- Will treat more than 11,000 people annually
- A focal point for healthcare professionals and researchers
- Owned by the Capital Region of Denmark and co-funded by the Capital Region and the Foundation

Steno Diabetes Centers in Denmark



Steno Diabetes Centers will raise the level of care for everyone with diabetes in Denmark through: LSEP

- Evidence-based treatment through Denmark's five administrative regions
- Nationwide collaboration on research, health promotion and education
- Access to everyone with diabetes in Denmark with opportunities for large cohort studies

International collaboration

- Tradition for extensive collaboration between Danish diabetology and international partners
- Novo Nordisk Foundation funding can facilitate research collaboration between the future Steno Diabetes Centers and international partners
- Exchange programmes for PhD students and postdoctoral fellows are essential for the profile of the Steno Diabetes Centers and for the future profiling of diabetes
- The Steno Diabetes Centers will enable sabbaticals and short or long study visits for clinical researchers



Introduction to Novo Nordisk Foundation

Our vision

To contribute significantly to research and development that improves the lives of people and the sustainability of society.

To fulfil its vision, the Foundation will pursue a three-pronged **mission**:

- > To enable Novo Nordisk A/S and Novozymes A/S to create world-class business results and contribute to growth.
- > To develop knowledge-based environments in which innovative and talented people can carry out research of the highest quality and translate discoveries into new treatments and solutions.
- > To inspire and enable children and young people to learn.

Grant-awarding focus areas and long-term objectives

Biomedical and health science research and applications



Enable people to live healthier and better lives by facilitating research that advances knowledge of human health and disease, solves health challenges and develops the healthcare system.

Patient-centred and research-based care



Make Denmark a global leader in delivering patient-centred and research-based care for people with diabetes and facilitate development of patient-centred and research-based care within diabetes comorbidities and other endocrine disorders.

Life science research and industrial applications promoting sustainability



Act for and inspire the development of a more sustainable world by supporting research that translates into life science solutions to benefit people and the environment.

Grant-awarding focus areas and long-term objectives

Natural and technical science research and interdisciplinarity



Catalyze natural and technical science research, particularly in fields with potential interdisciplinary application to the life and health sciences and industrial biotechnology.

Education, outreach and innovation



Support general science education and cultivate scientific and technical competencies and engagement.

To benefit people, promote life science ecosystems that translate scientific discoveries into products and solutions and drive growth.

Social, humanitarian and development aid



Act for and inspire the development of a more sustainable world by supporting research that translates into life science solutions to benefit people and the environment.