



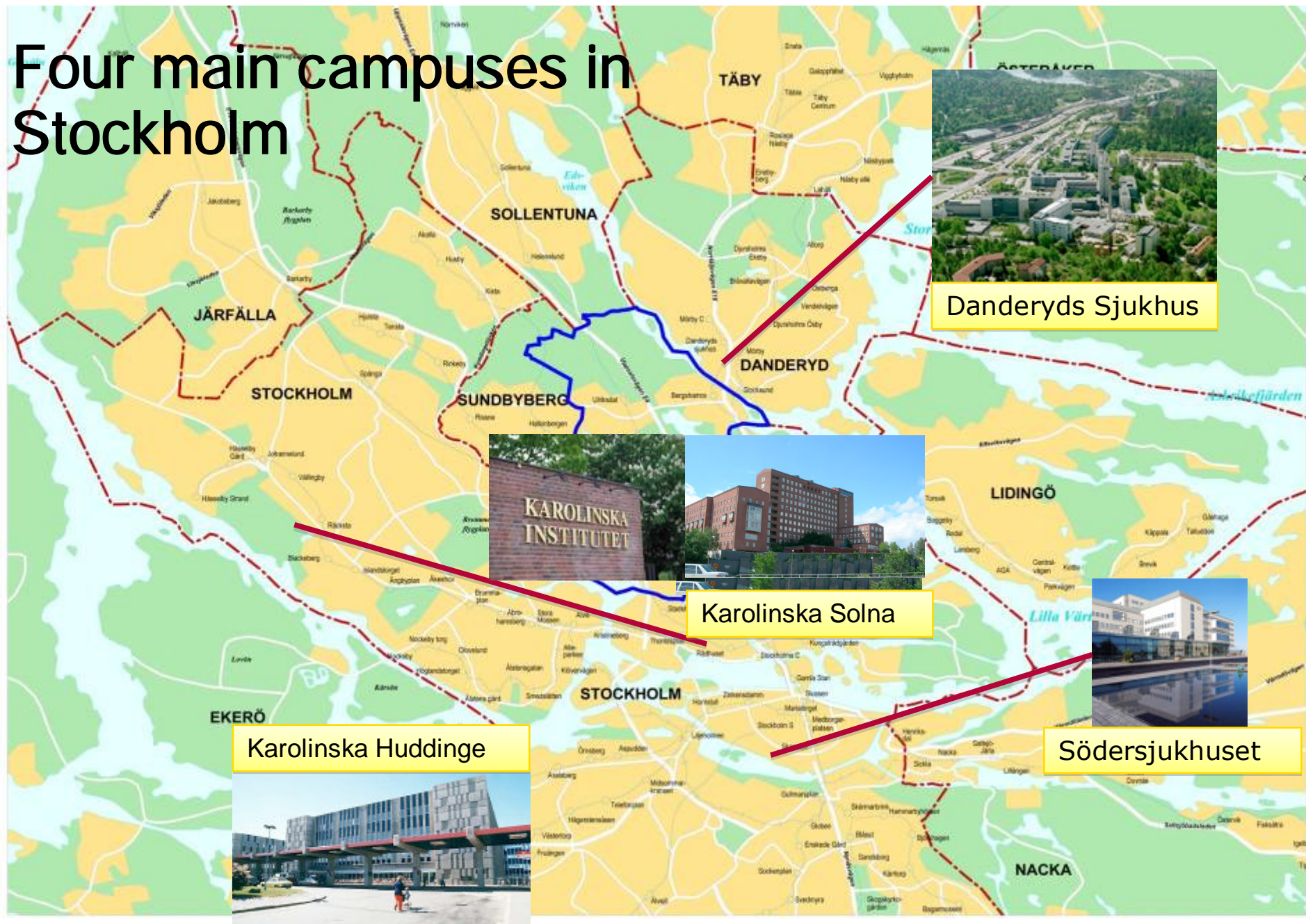
Annelie Liljegren M.D. PhD Medical Advisor/Senior Consultant Bologna 29 March 2012







Four main campuses in Stockholm









Why build completely new...?

Current Karolinska Solna Deficiencies

- Spread out over some 40 buildings, with weak connections and logistics
- Several facilities are old and not suitable for future healthcare
- Very complicated and expensive to restore old buildings

*Karolinska
Solna
today*

VISION FOR THE REGION "STOCKHOLM LIFE"



*" The Stockholm Life -
North Station area shall in
2025 be the world's
leading area for Life
Sciences, and the heart of
a rapidly growing bio-
region of Stockholm"*

Shared by the County Council, Cities of
Stockholm and Solna, Universities
and Life Science industry





8 hospitals were visited 2009

Mayo Clinic

Minnesota USA

Cleveland Clinic

Ohio USA

Johns Hopkins

Baltimore USA

Brigham & Women

Boston USA

Leiden

Holland

Rotterdam

Holland

UCLH

England

Imperial

England

Other Hospitals that were visited

- Breast Cancer Center Sussex GB
- Moffit Comprehensive Cancer Centre USA
- Trondheim Norway
- Memorial Sloan Kettering CCC USA
- New York Presbyterian USA



Why look WEST?



Different logic of organizing, financing and managing health care has dominated in different periods (Scott)

Market-managerialism



State governance



Medical Professionalism



1945

1965

1980 -

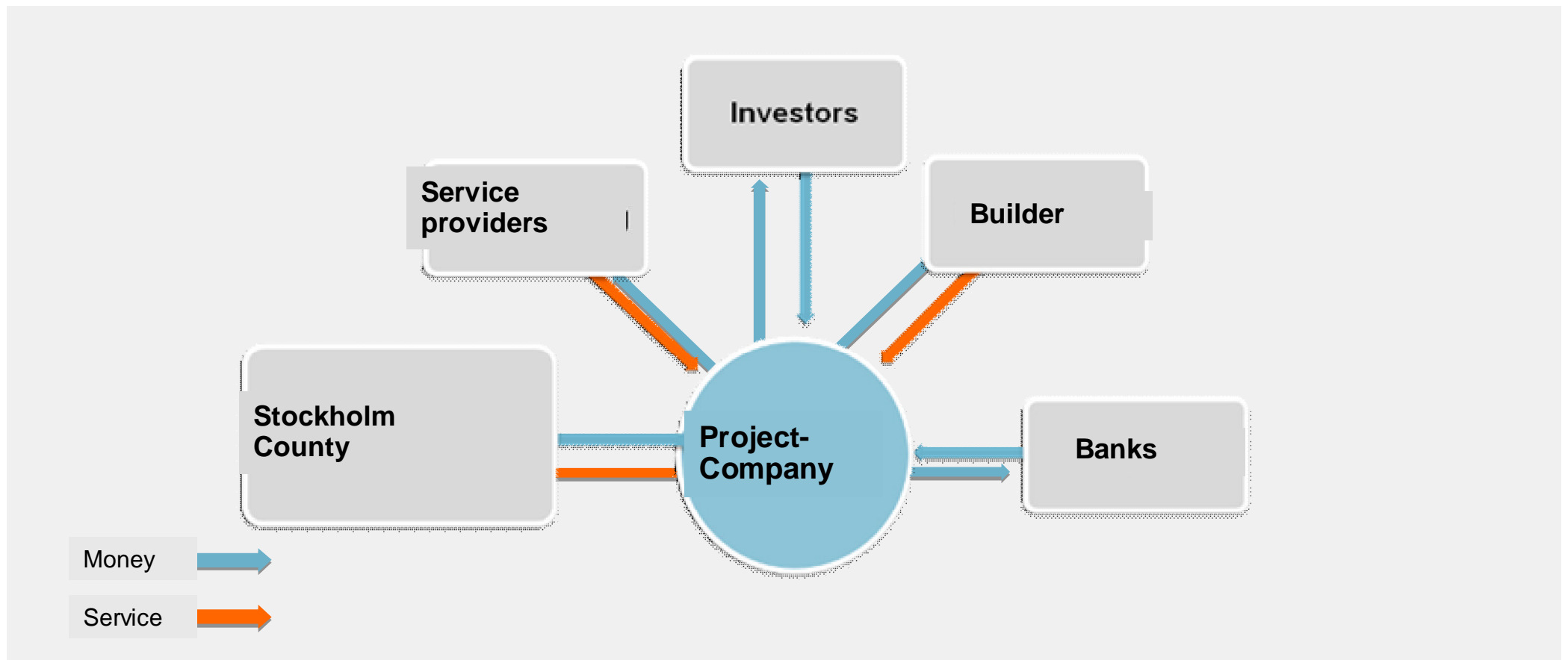
Milestones along the way



2001	Locum facility development plan
2001	Report of a new university hospital
2003	The "3S" report on regional healthcare system
2005	First County Council decision to build new hospital
2005-2006	Design competition – winner White architects
2006-2007	Programme work
April 8, 2008	Decision in County Council Assembly to build NKS
June 10, 2008	Decision (Assembly) to outline PPP procurement
June 8, 2010	Decision (Assembly) to award PPP contract to Skanska/Innisfree consortium

A leap into tomorrow's healthcare

Agreements within the PPP



Why PPP?

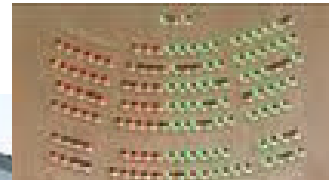


Advantage		[Drivers
→	Predictable cost	<ul style="list-style-type: none"> ▪ Long-term contract at a fixed price ▪ Risk allocated to those best fitted to handle them
	Predictable timeline	<ul style="list-style-type: none"> ▪ Strong incentive for private sector to deliver on time – "no delivery, no money" ▪ Risk allocated to those best fitted to handle them ▪ Lower building-risks – private sector has the experience and know-how
	Added value	<ul style="list-style-type: none"> ▪ Innovation of design and technical solutions ▪ Life-cycle-costs are taken into consideration

The process



2008-2011



Patient first
Patient safety



Healthcare mission

Patient first– the right care at the right time

Integrated healthcare, research and education

Change the method of working

Highly specialised and specialised care and research

Strategic special areas (in line with national healthcare needs)

Healthcare network cooperation

Facts & figures



Gross total area: 320.000 sq.m. + possible expansion = 30 office blocks

No. of floors: 5 (mantle) – 11 (cores)

No. of rooms: total approx. 8 000

No of construction staff: up to 2000

Construction time Aug 2010 – Aug 2017
(opening summer 2016)

Production speed: 795 m2 per week

Facts

Capacity

Single rooms for all in-patients

- 600 in-patient beds (*incl. 127 ICU/intermediary care & 75 postop.*)
- 100 day-care beds
- 100 rooms at adjacent patient-hotel

180 ambulatory rooms

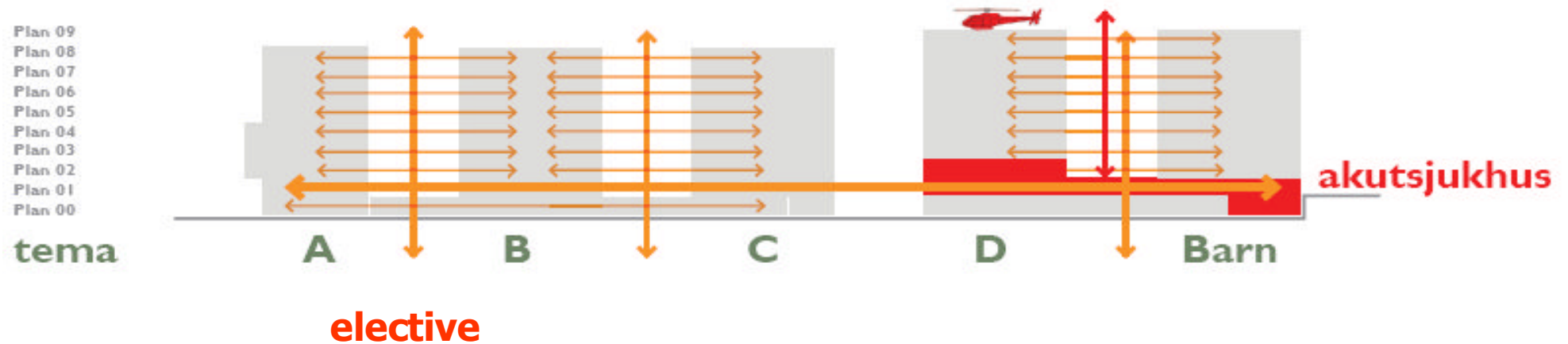
36 operating theatres (incl hybrid)

8 radiation bunkers

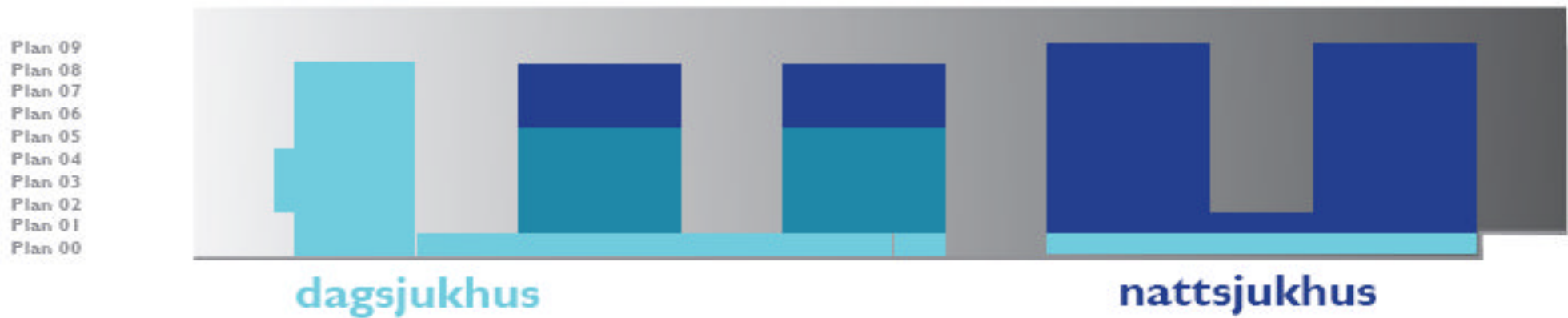
Clinical research laboratories

Teaching facilities

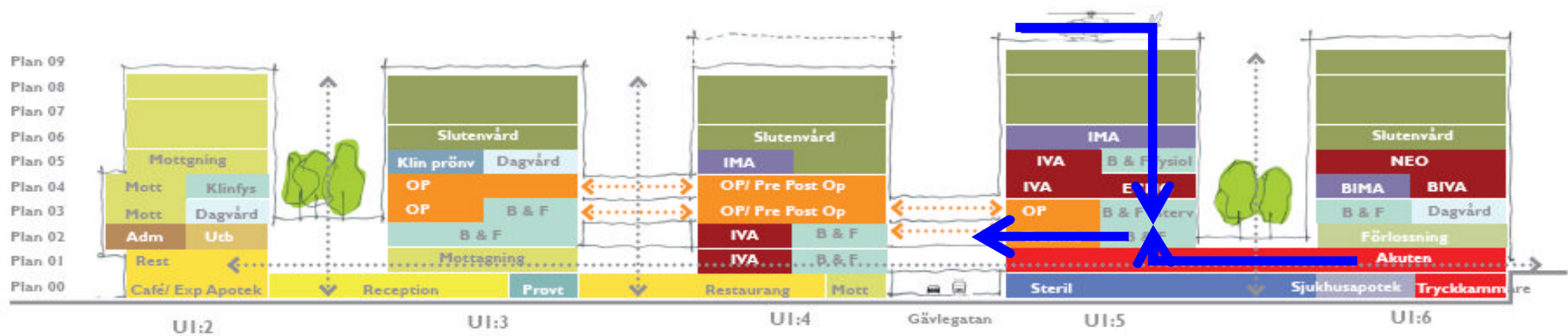
Separating elective healthcare and the emergency hospital



Concentrating 24/7/365-operations to a contained and defined area...



Trauma



Patient first
Patient safety



NKS has been developed by
participation from a lot of
people
(1300 with clinical
experience)

Representatives from:
Pediatrics
Unions
Disabled
Various clinics
Experts patient safety
Accessibility
Art
Security
Hygiene
Environment/Sustainability











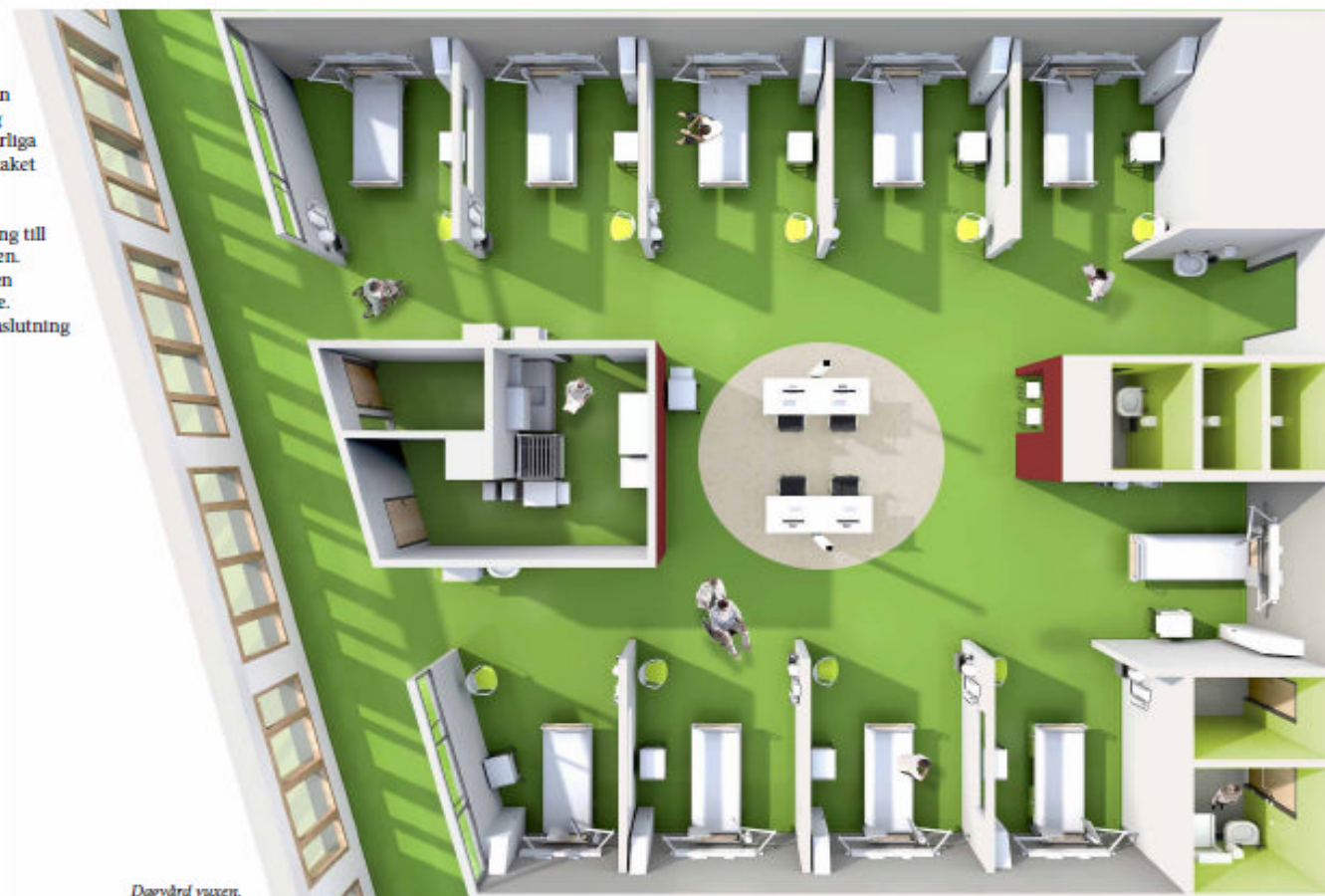
Administration i norra manteln

1.18.15 DAGVÅRD / MOTTAGNING (U120) GESTALTNING

GRANSKNINGSEX
2011-11-15

Det gröna golvet knyter samman verksamheten. Skiljeväggarna mellan uppvaksplatserna ges en konstnärlig gestaltning. Alternativt kan konstnärliga inslag placeras i blickfånget i undertaket kopplat till varje uppvaksplats.

Enheten ligger öppen och i anslutning till korridoren med utsikt mot KI-parken. Här finns förutsättningar att skapa en stimulerande miljö för tillfrisknande. Ett öppet kök med pentry ligger i anslutning till dagvårdsenheten.



Dagvård vuxen.

BESLUTSUNDERLAG

NKS SKANSKA

Arkitektgruppen Skanska
Nya Karolinska Solna

white

TENGBOM

WS10 INTERIÖR RDD

VERKSAMHETSSPECIFIKA MILJÖER

MÖTE 2:2 11-11-15





Aula

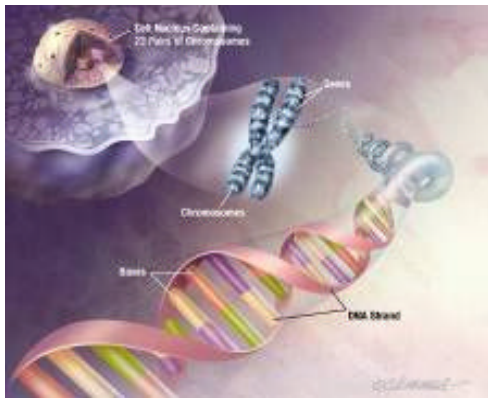
The largest centre for medical education and research in Sweden



and
the home of the Nobel Prize

Strong Research Potential -
Basic Research, Clinical Research and Health Care
Come Together

Translational Research

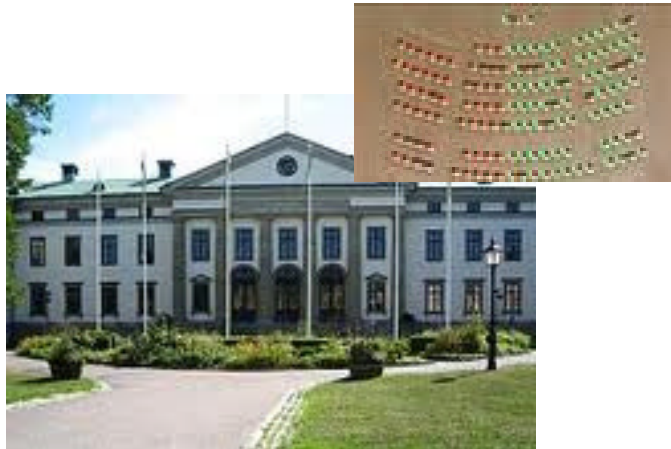




The process



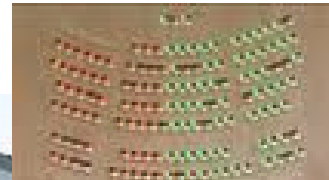
2008-2011



The process

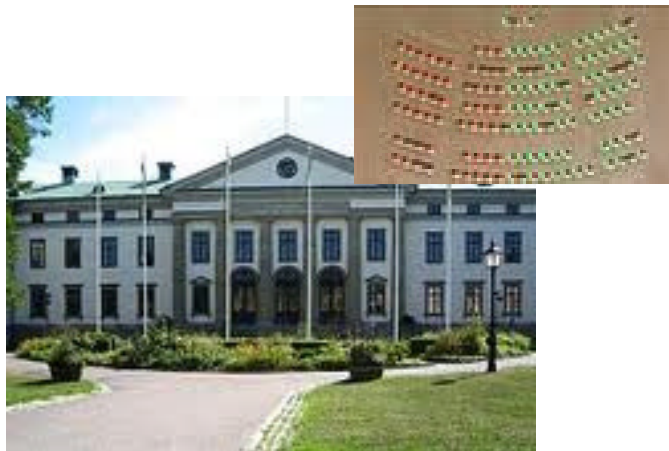


2008-2011



The process

Today 2012



Challenge

Demographics

Increasing age in the population

More chronical diseases

Stockholm needs an additional 50 000 admissions 2016

The process today

More than 100 workshops

Consequences for patientes, staff, research, education

Transform or transfer?





