





# The New Bispebjerg Human Hospital Patient Experience: Designing a New Danish Standard

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# Agenda

- Project Site
- Vision
- Wayfinding
- Patient Room
- Process & Flexibility
- Conclusion & Questions



# Project Site



# Location

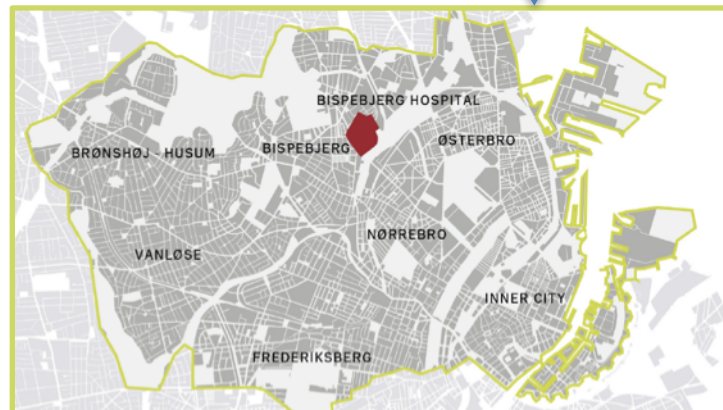
Europe



Denmark



Hospital District City



# BBH Hospital Campus



# BBH Hospital Campus

Today



Tomorrow



# My Bispebjerg

Proces and flexibility

Support and develop preventive, health care initiatives

The clinical structure, treatment, research and staff at highest level possible

The Preventive Bispebjerg

The Excellent Bispebjerg

Must be able to support change in elements and systems, if the need of the general hospital and the psychiatric facility changes

The Flexible Bispebjerg

The people are the focus in all aspects of the development of the general hospital and psychiatric facility

The Human Bispebjerg

The Efficient Bispebjerg

The Integrating Bispebjerg

Patientroom

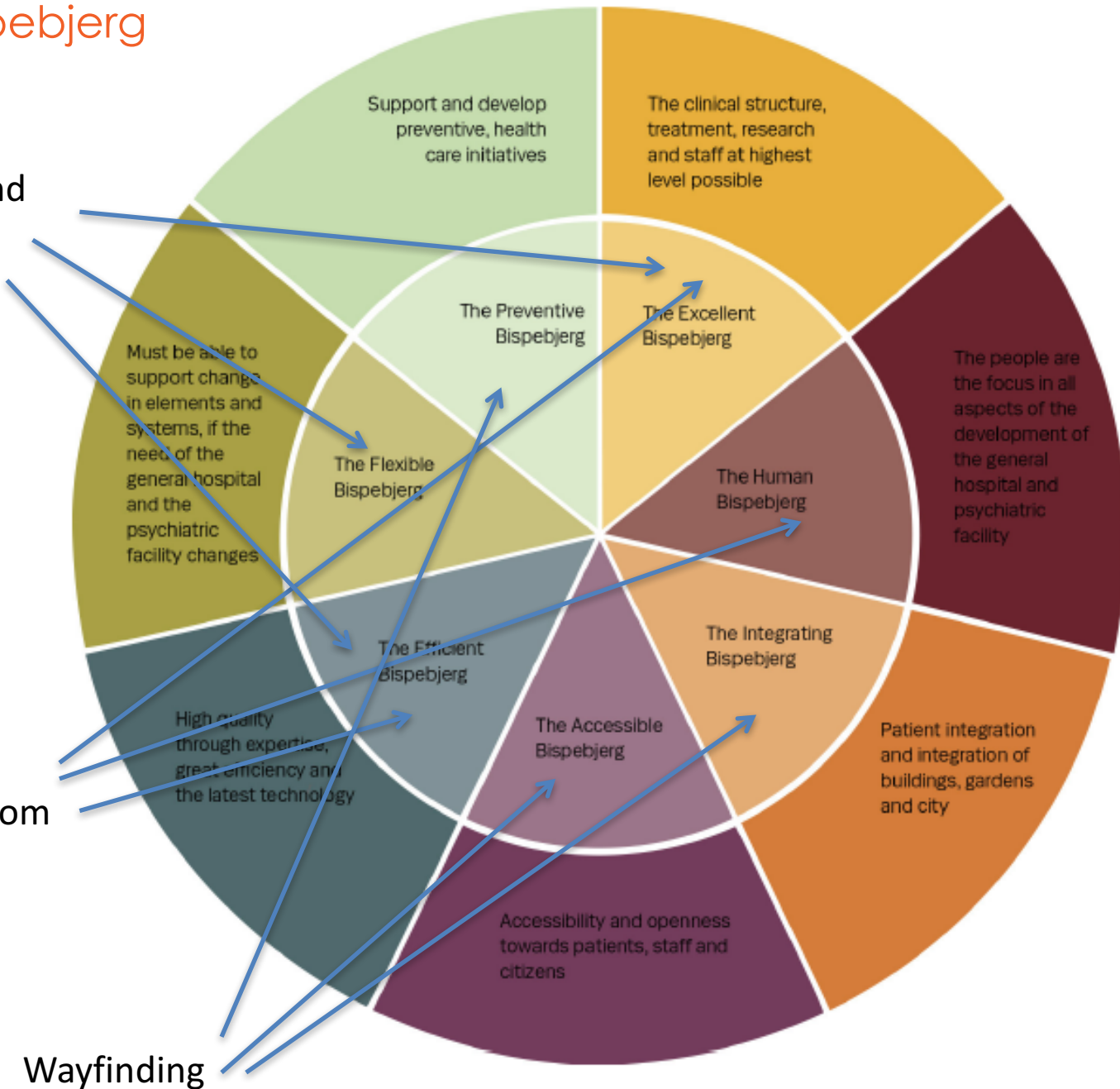
High quality through expertise, great efficiency and the latest technology

The Accessible Bispebjerg

Patient integration and integration of buildings, gardens and city

Wayfinding

Accessibility and openness towards patients, staff and citizens

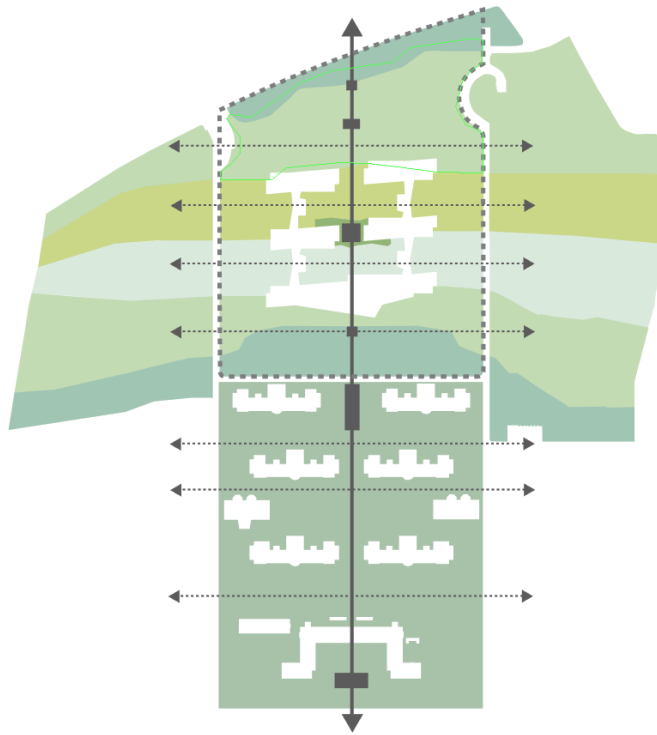




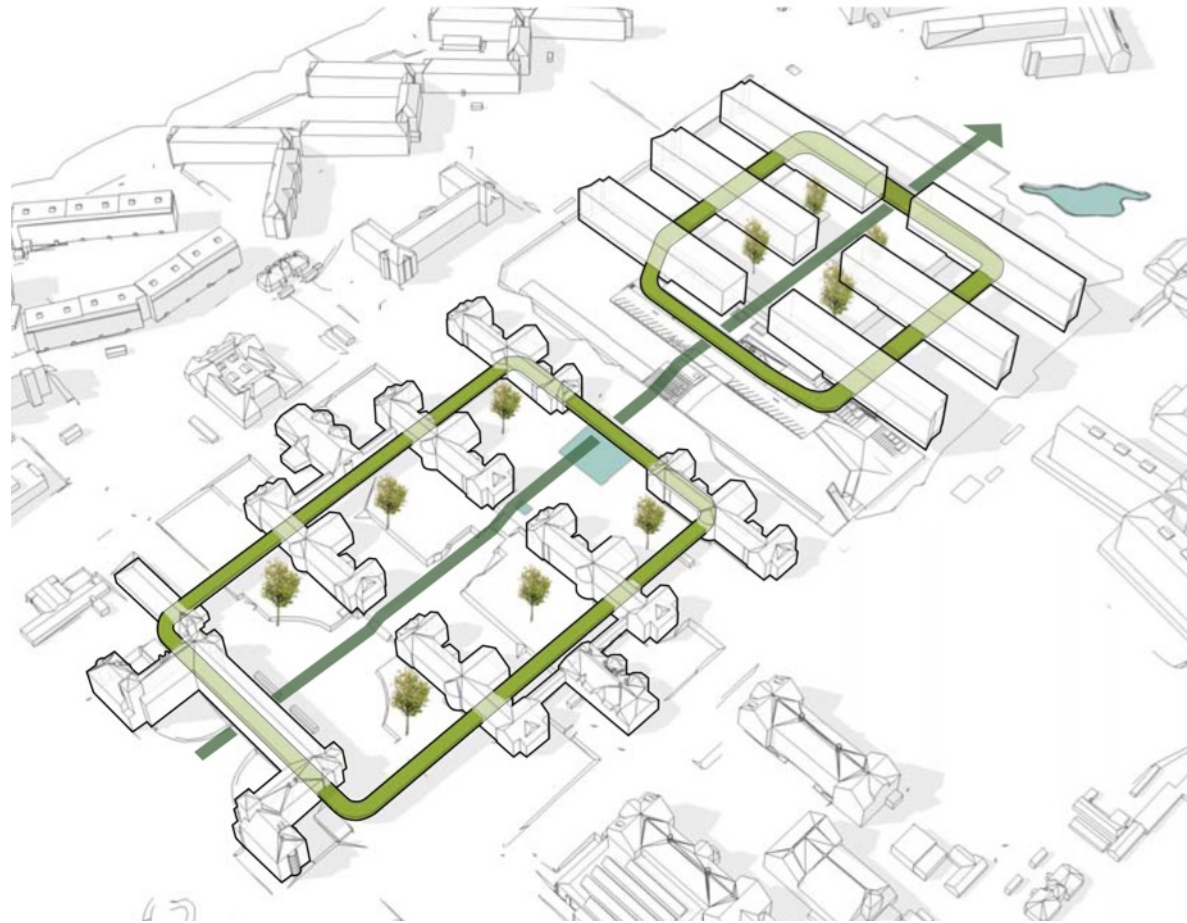
# Wayfinding



# Existing Influences



Landscaping

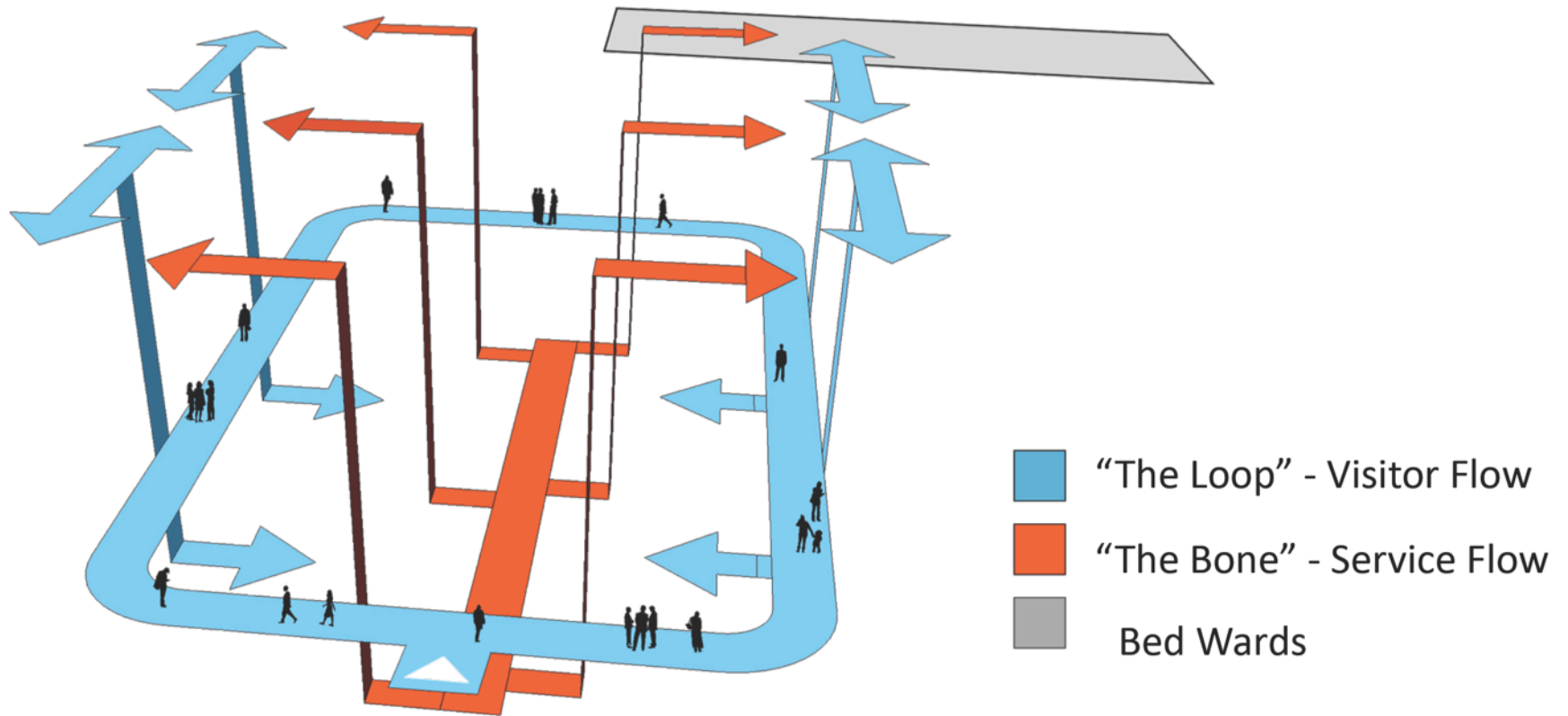


Circulation

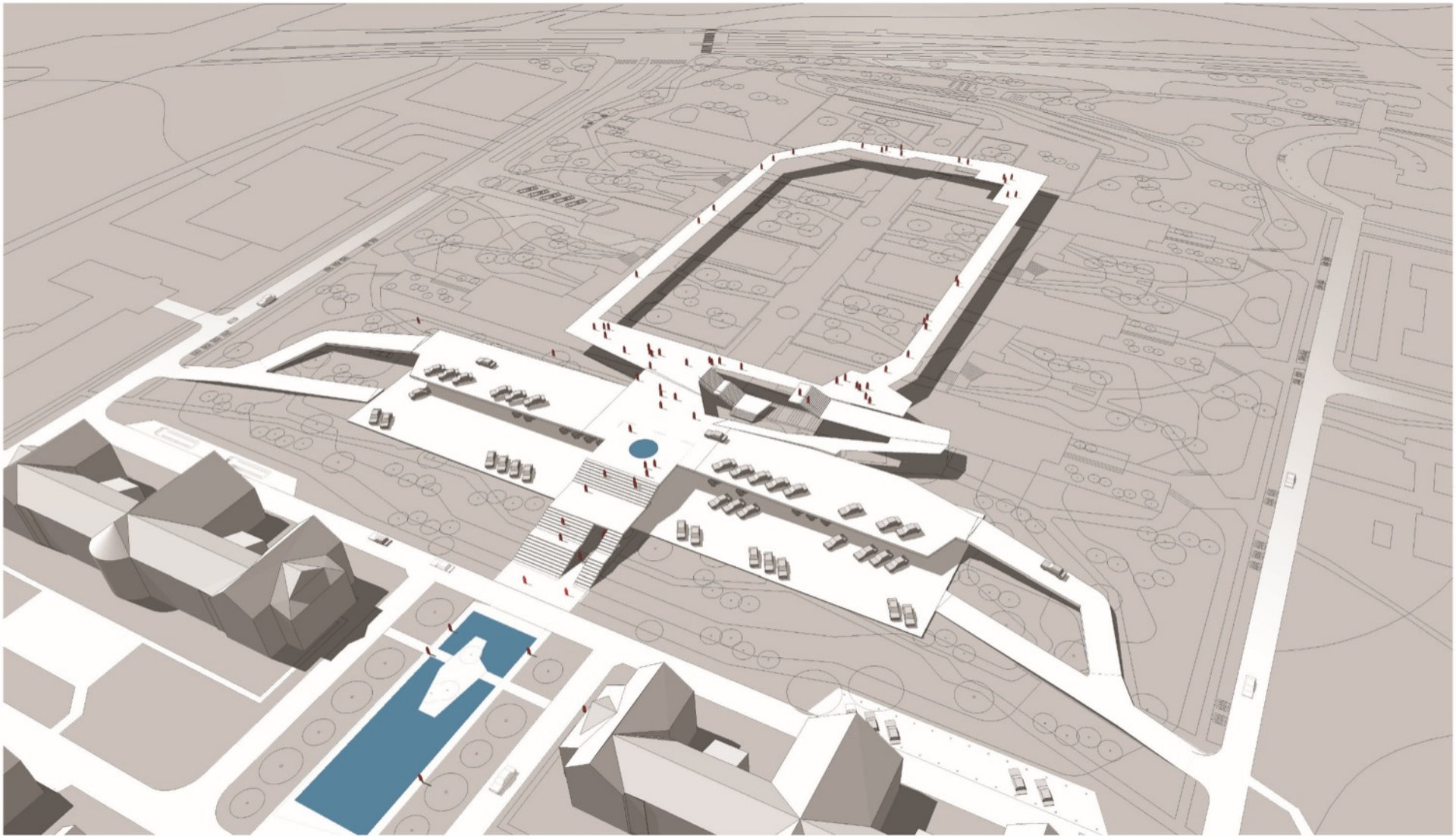


Topography

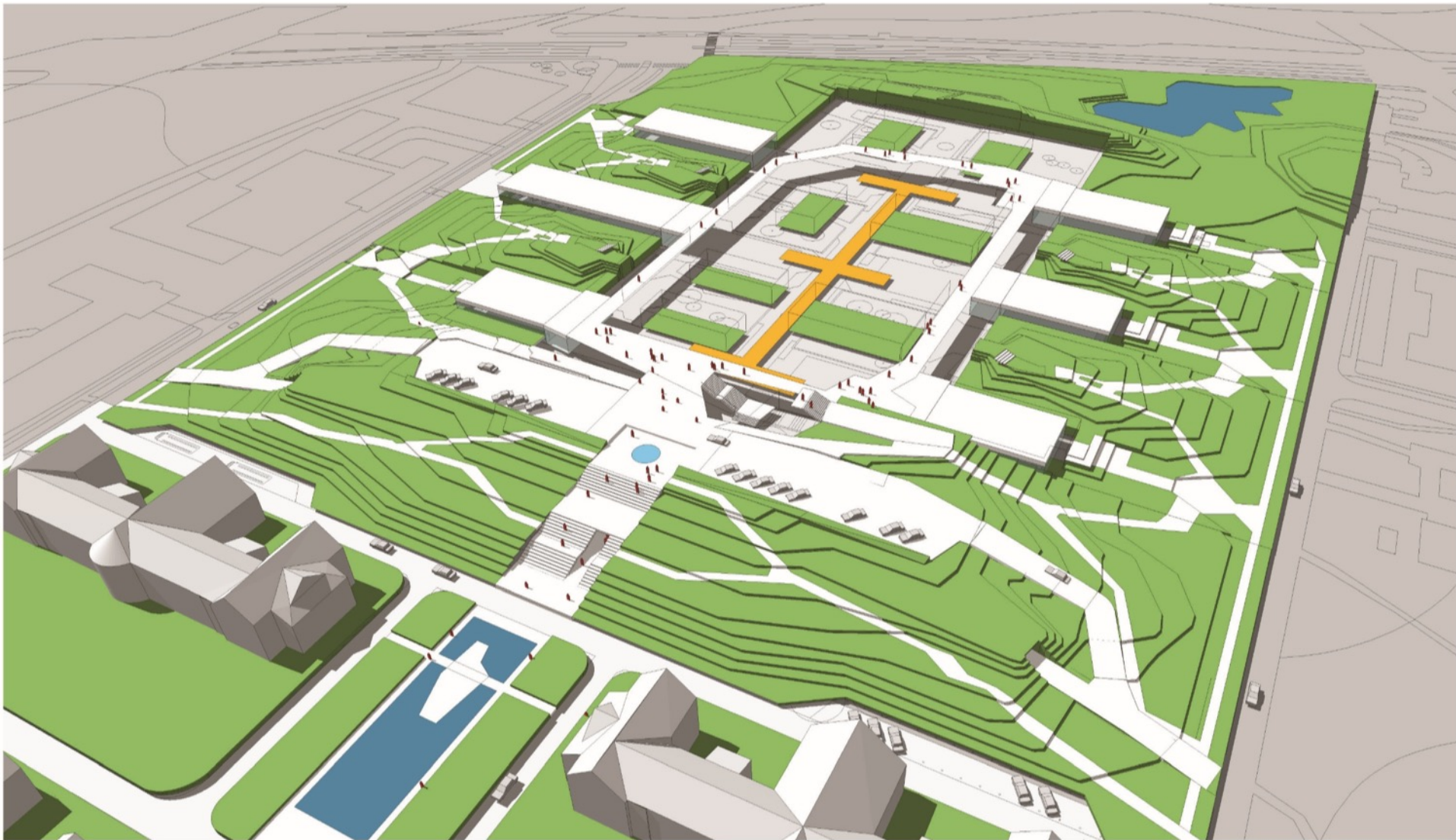
# Circulation



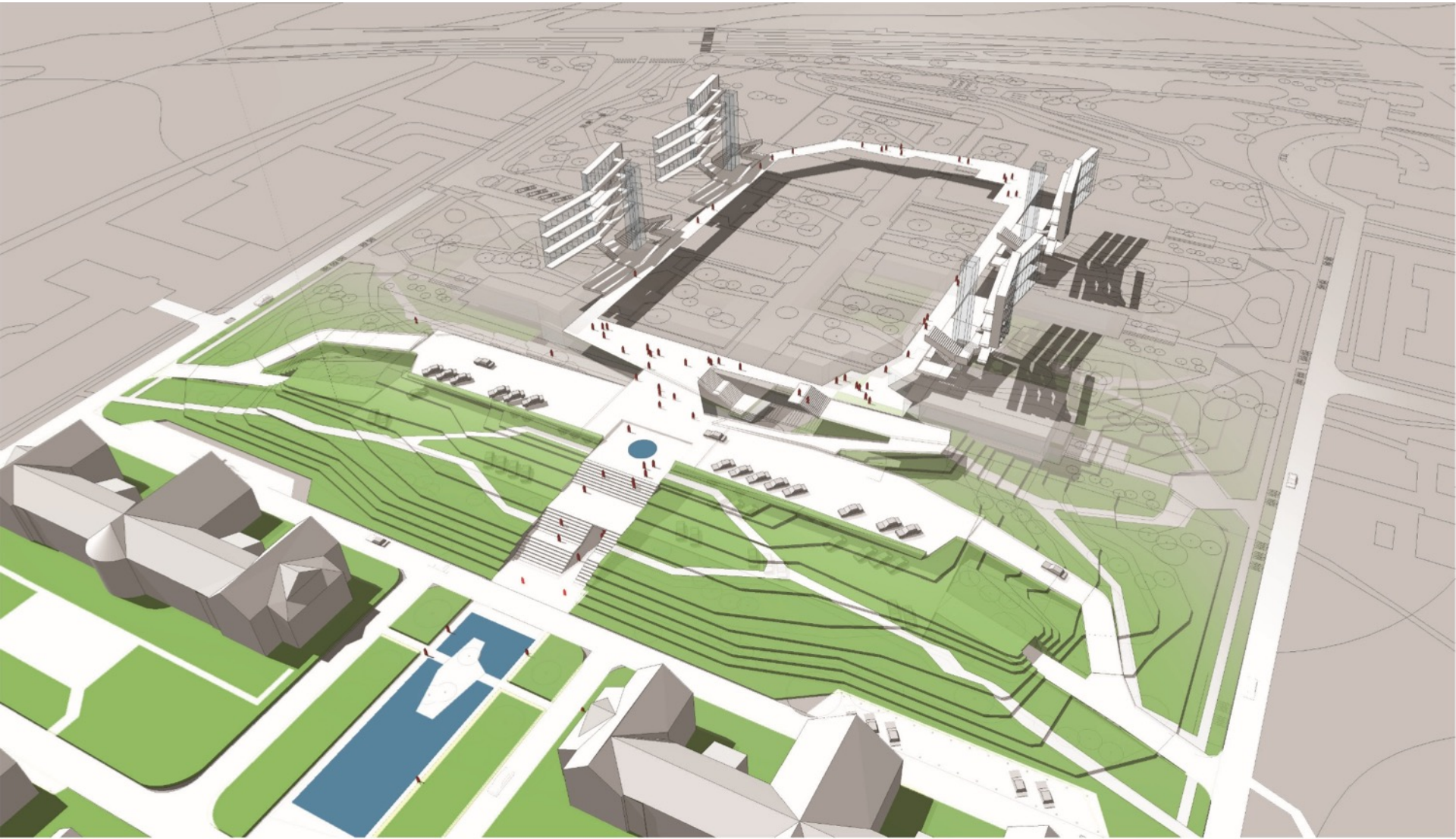
# Wayfinding: Entry



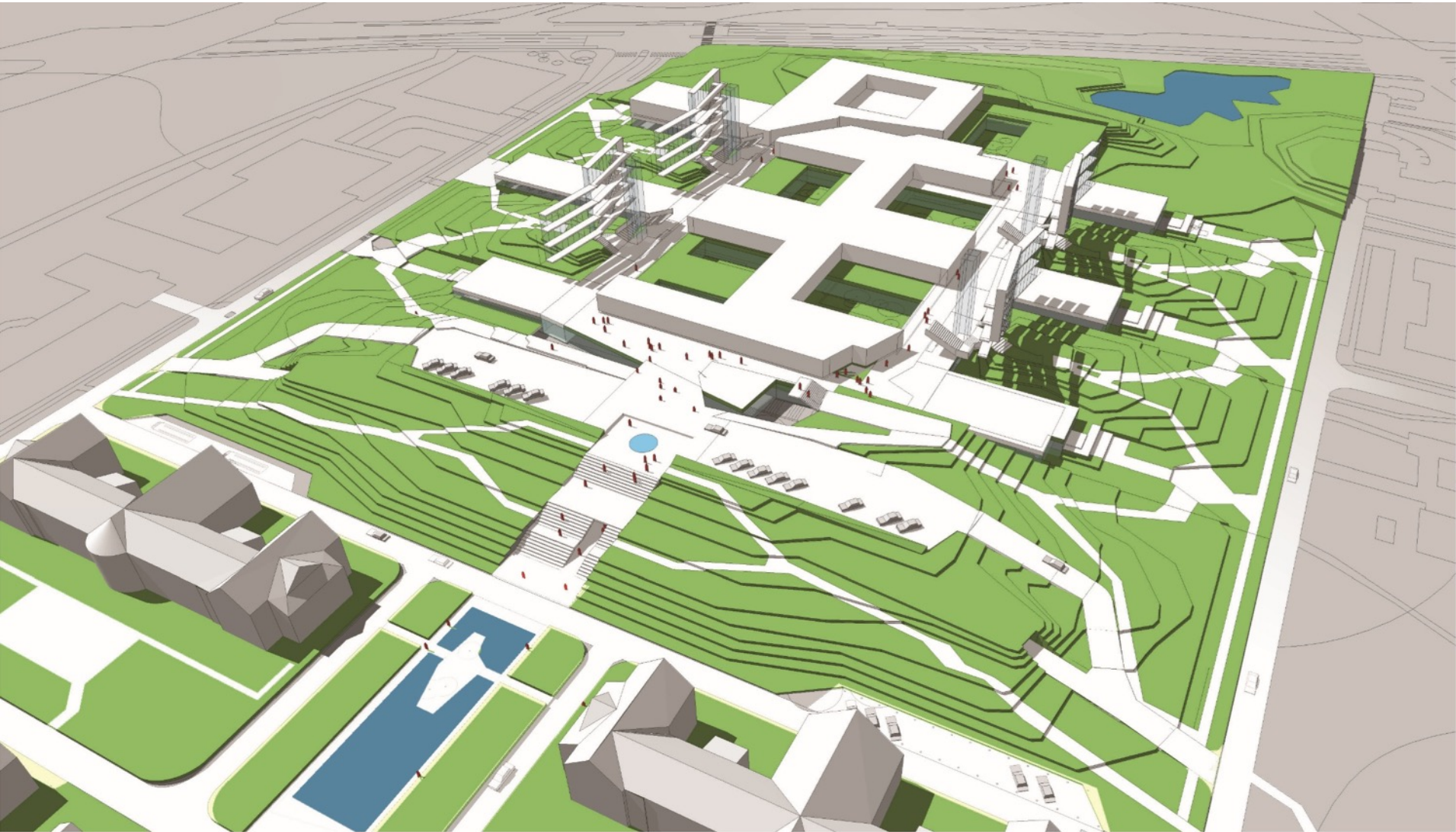
# Wayfinding: Logistic Axis



# Wayfinding: Public Galleries



# Wayfinding: Level 1



# Wayfinding: Bed Towers

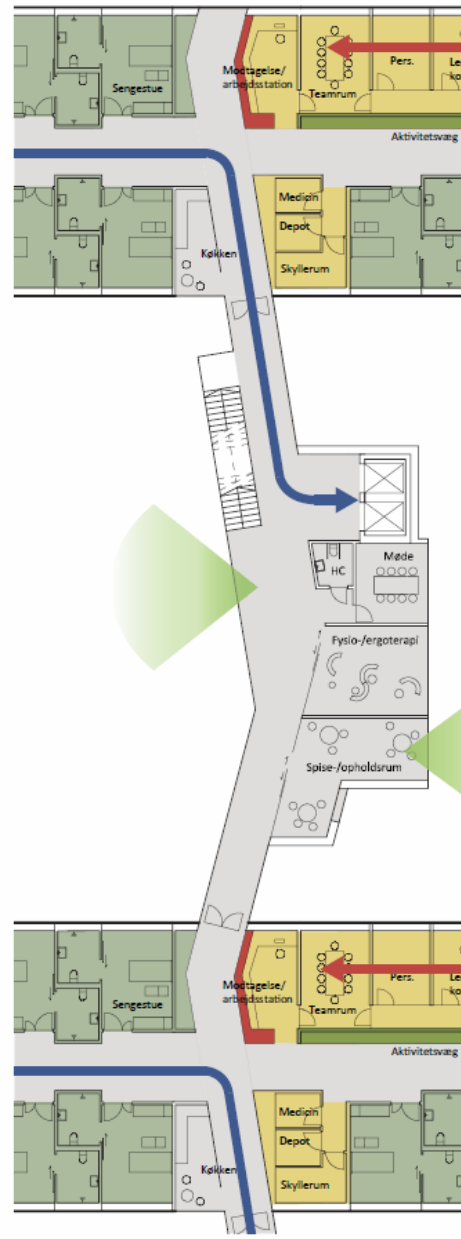




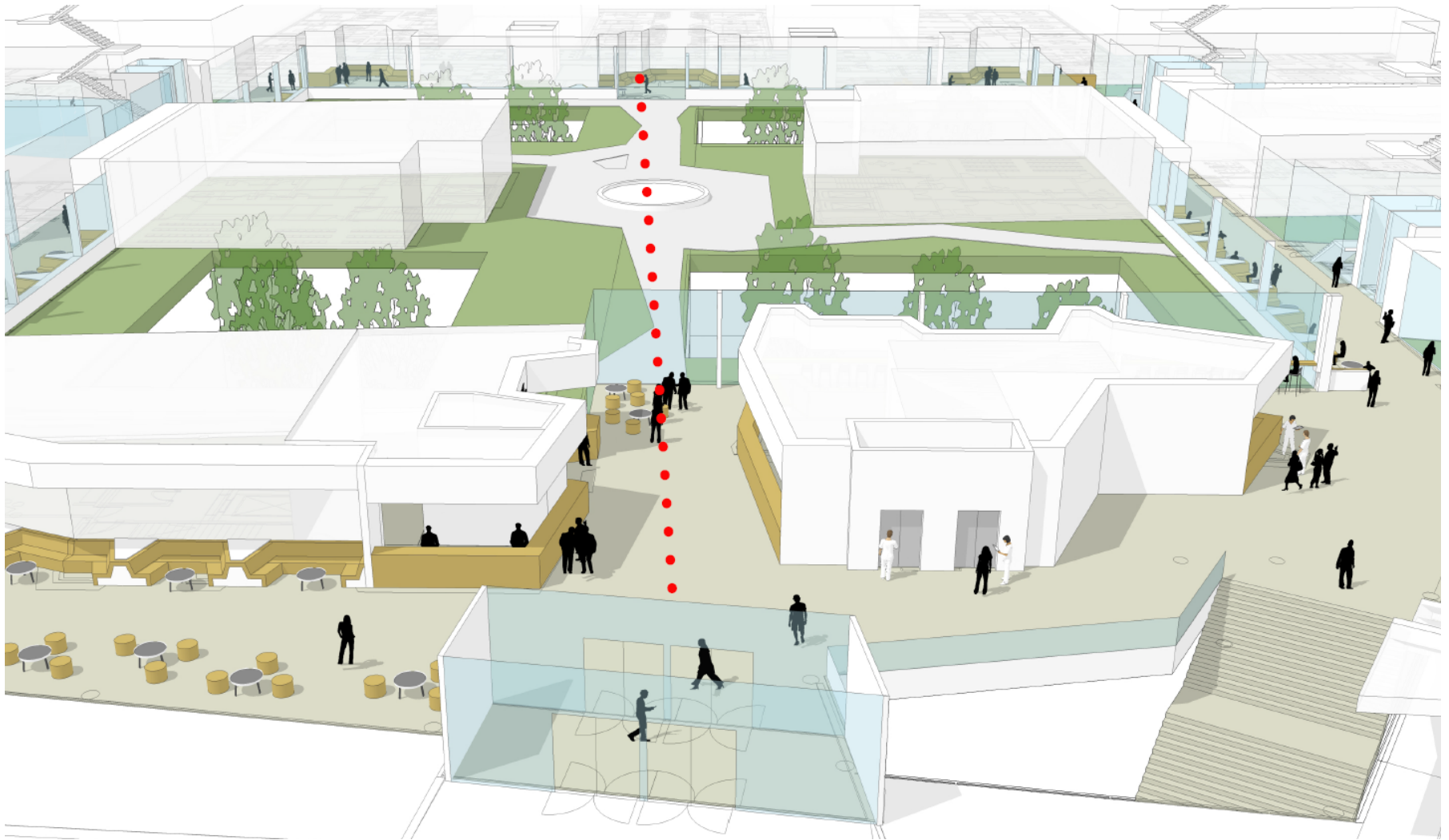
# Public Access Points “ the Galleries ”



# Public Access Points “ the Galleries ”



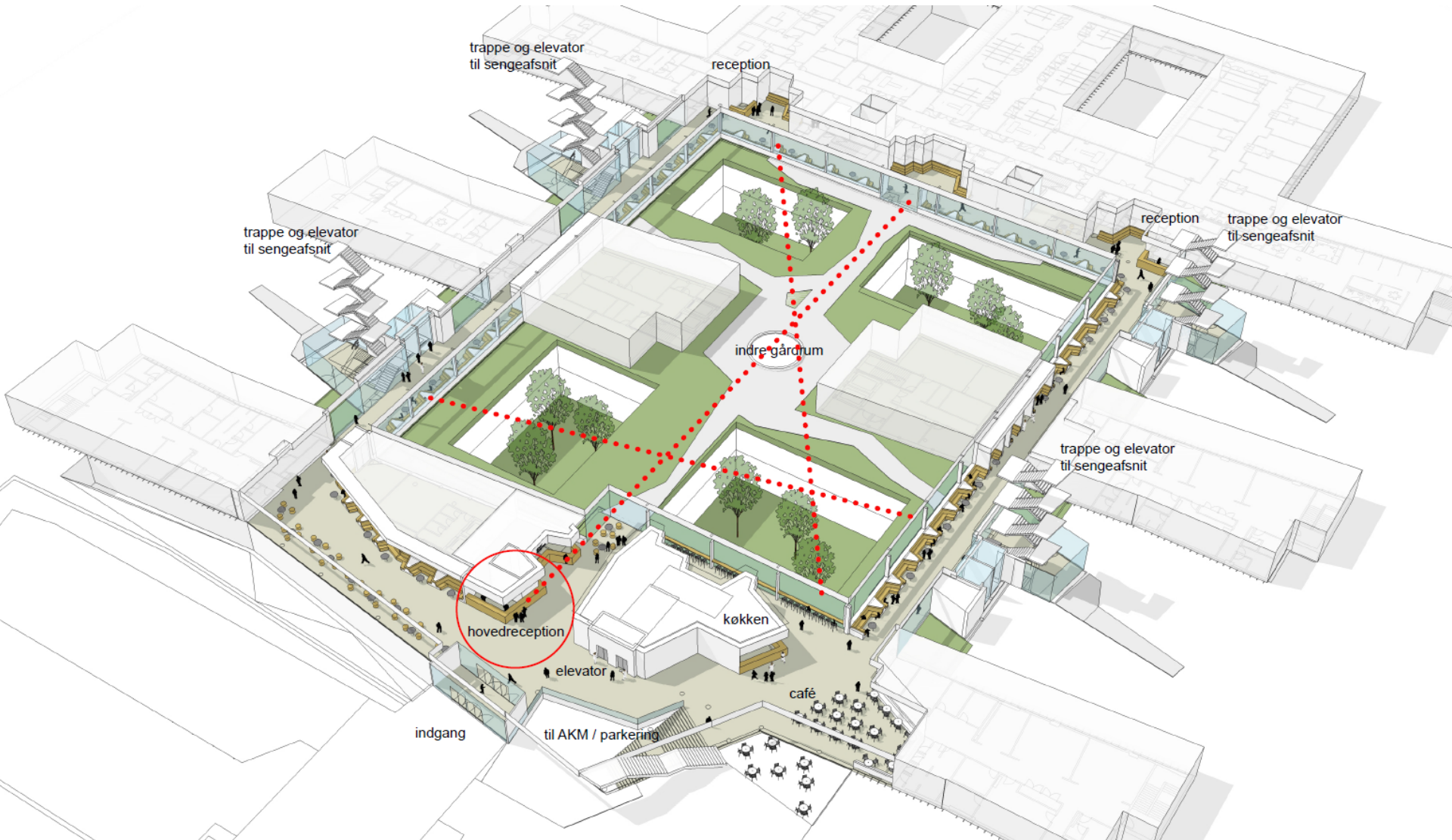
# Entry Views

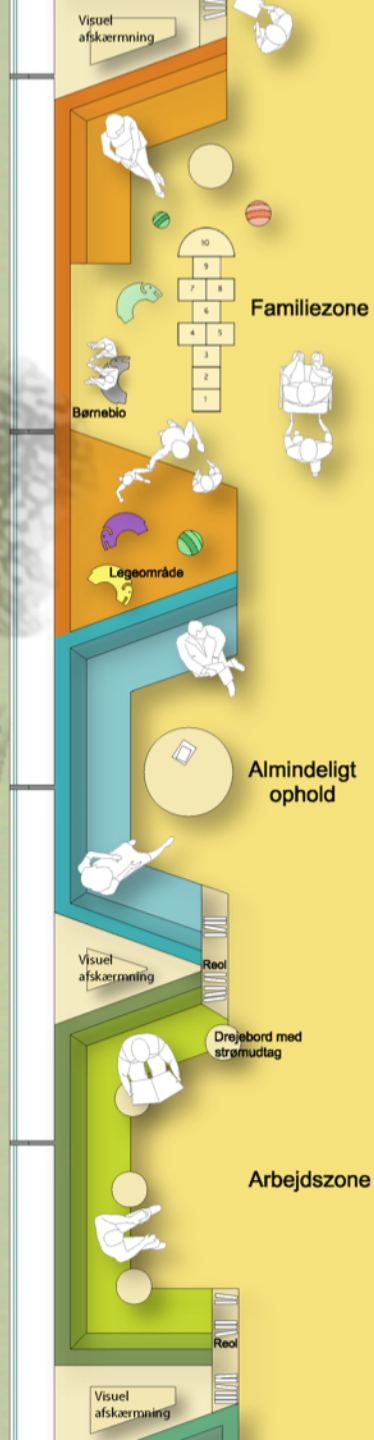


# Cafe

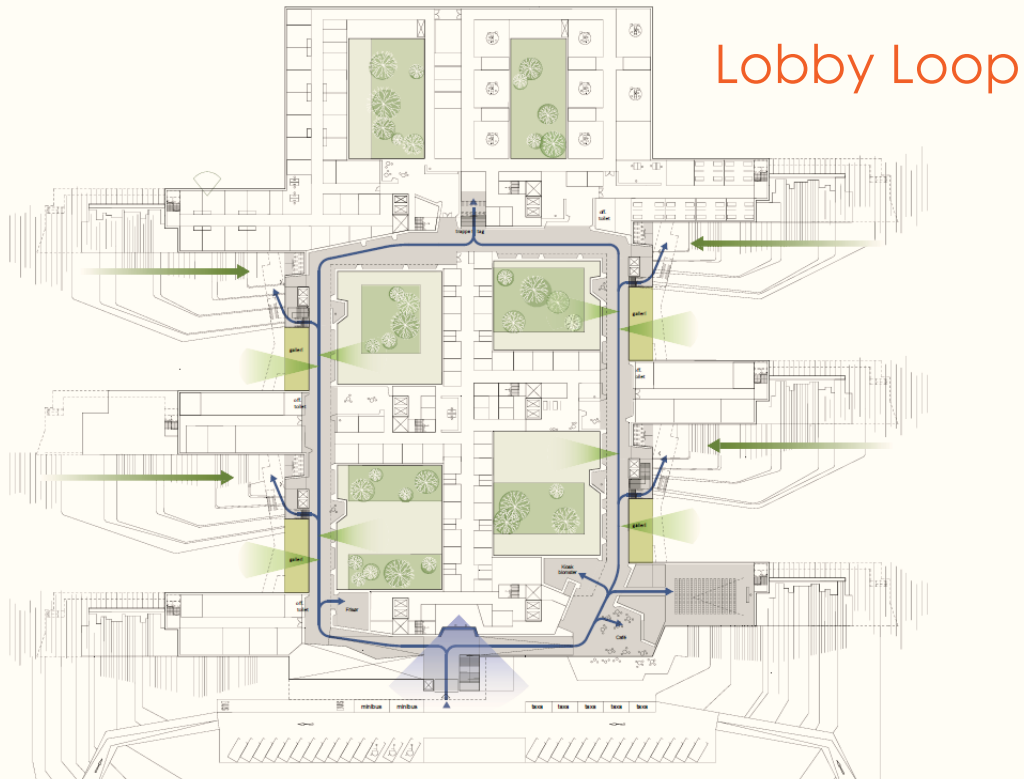


# Lobby Loop

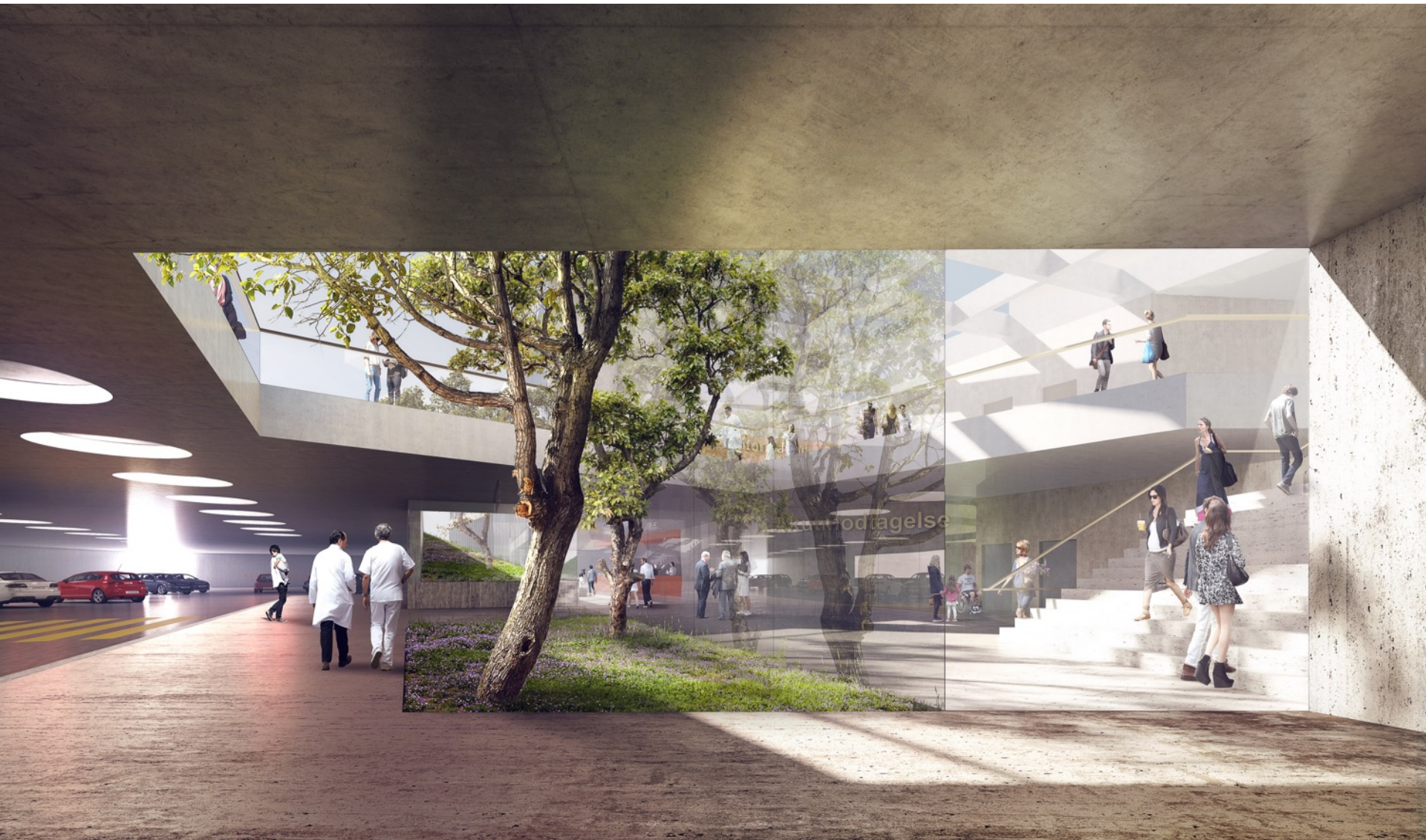




Atrium



# Ambulatory ED Entry

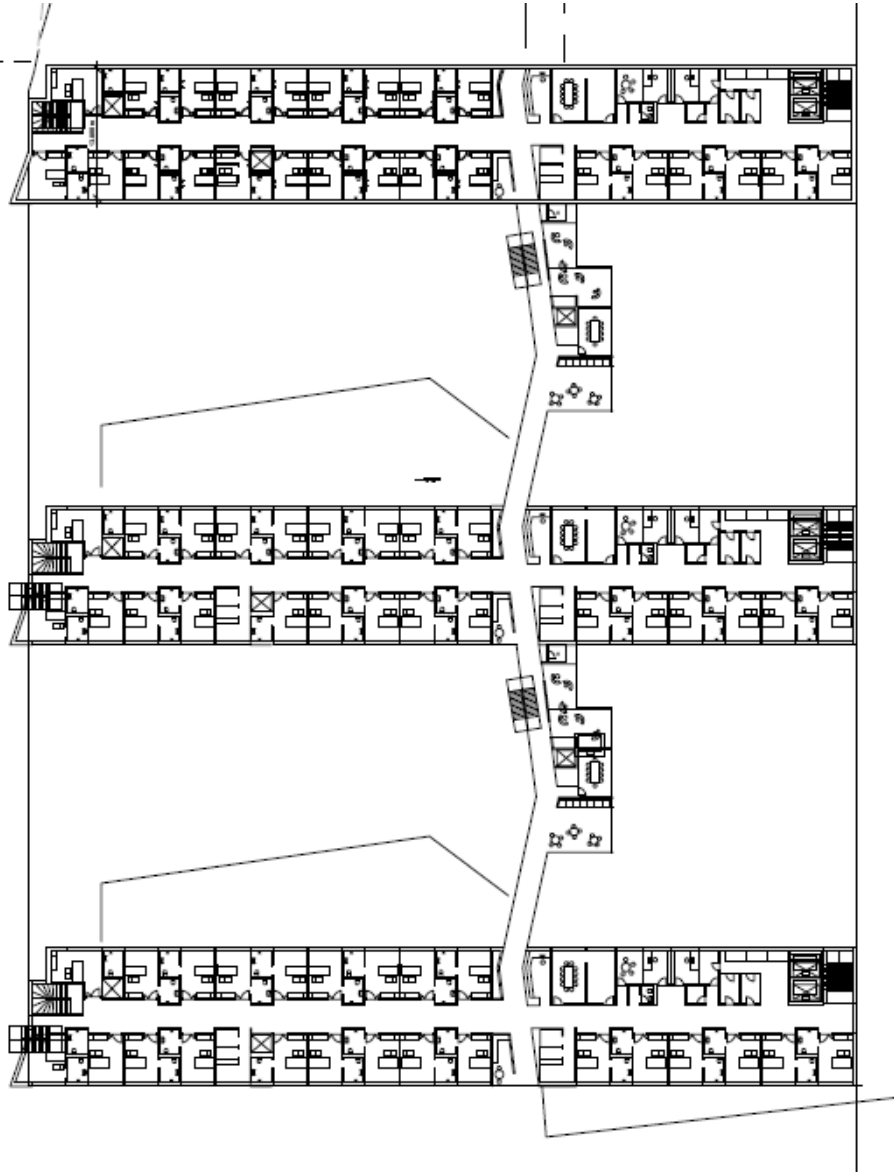


# Danish Standard Bed Ward VS. New BBH Standard



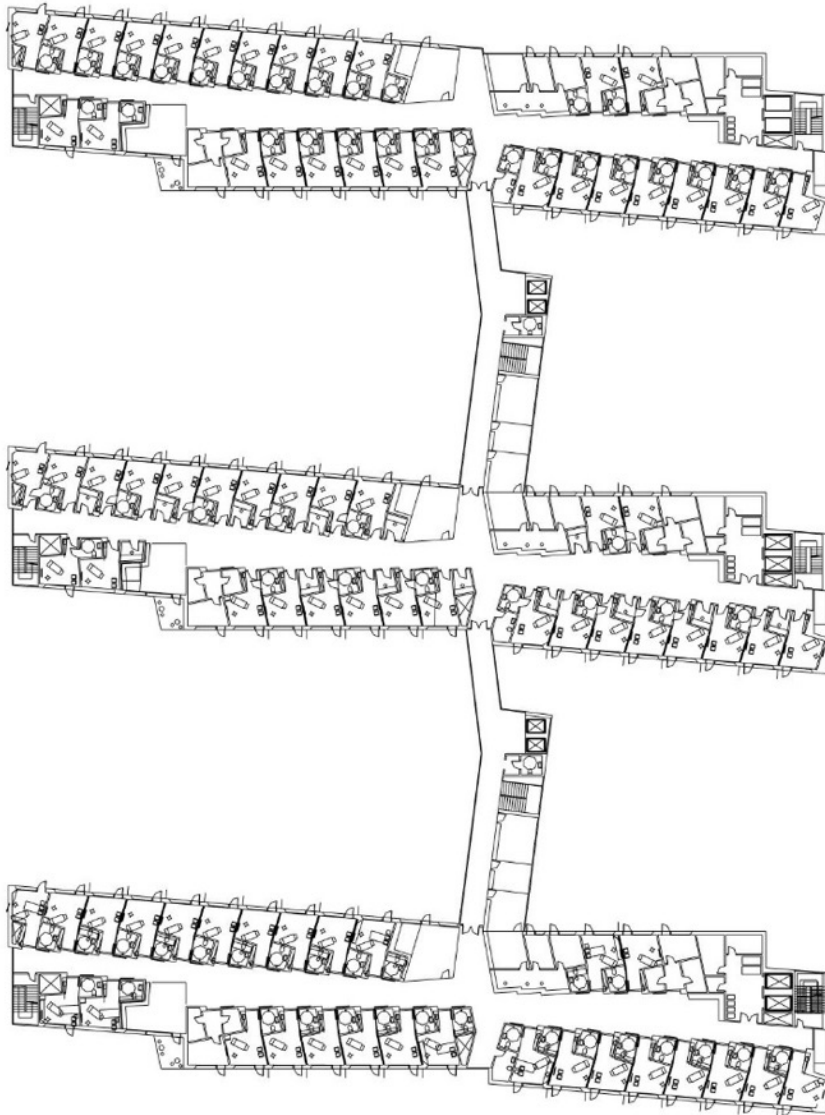


# Danish Typical



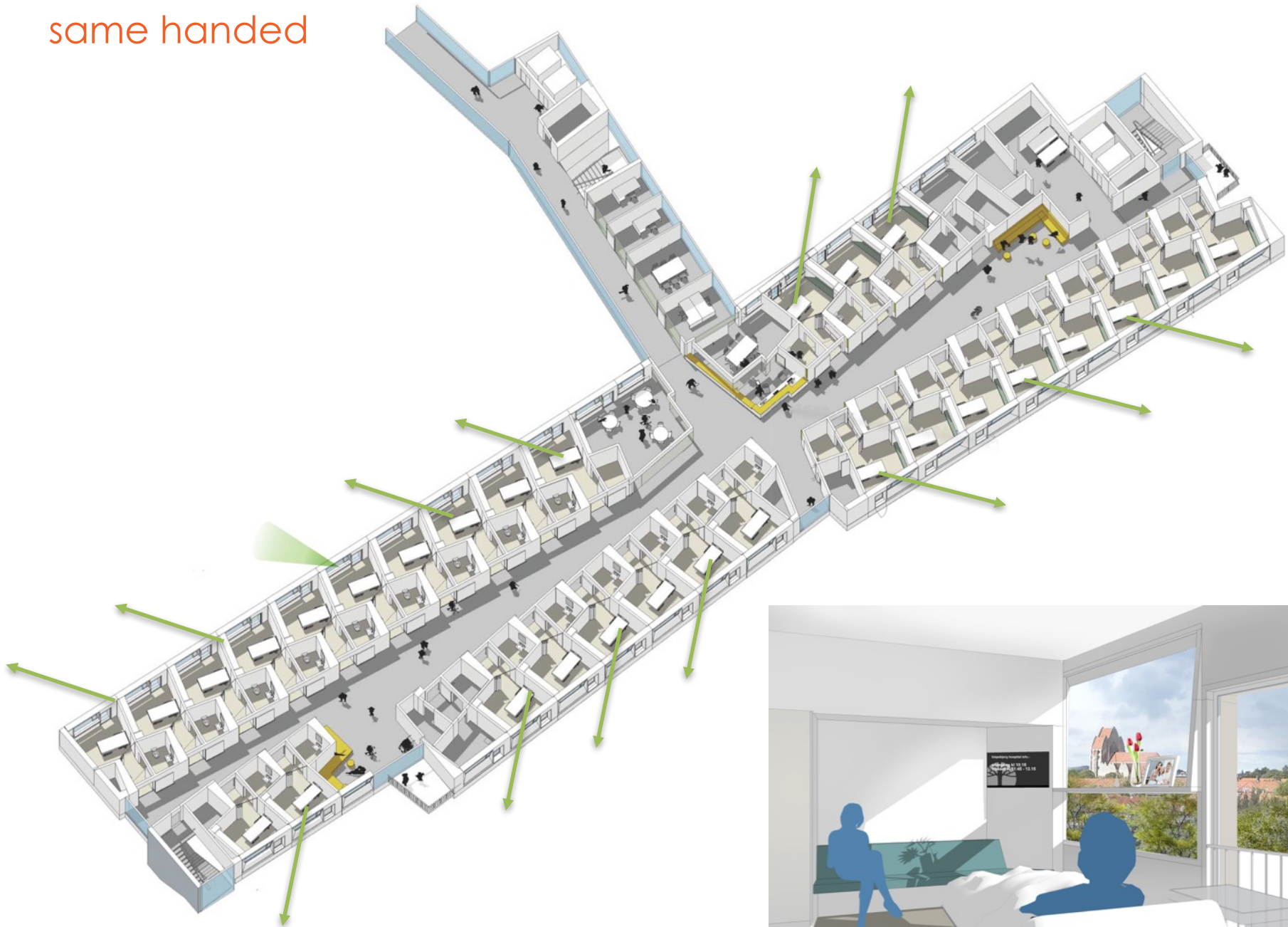
- Single Loaded Corridors
- Nested Toilet Patient Rooms
- Creates uninteresting interior/exterior Architecture

# BBH New Standard



- Single Loaded Corridors
- Inboard Toilet Patient Rooms
- Creates open corridors on interior with changing façades on exterior

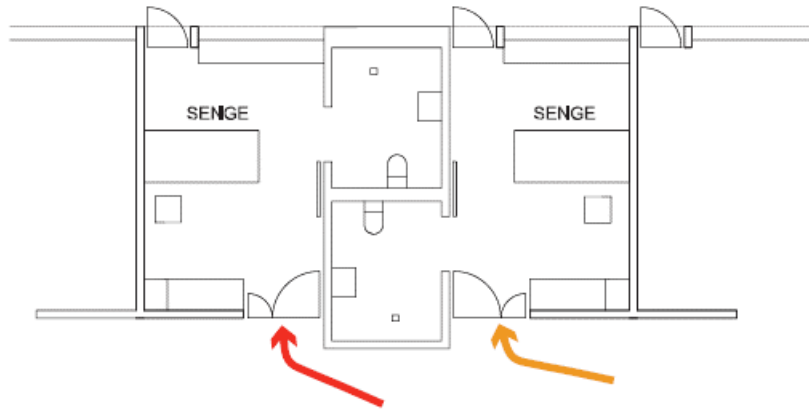
# Garden Views instead of same handed



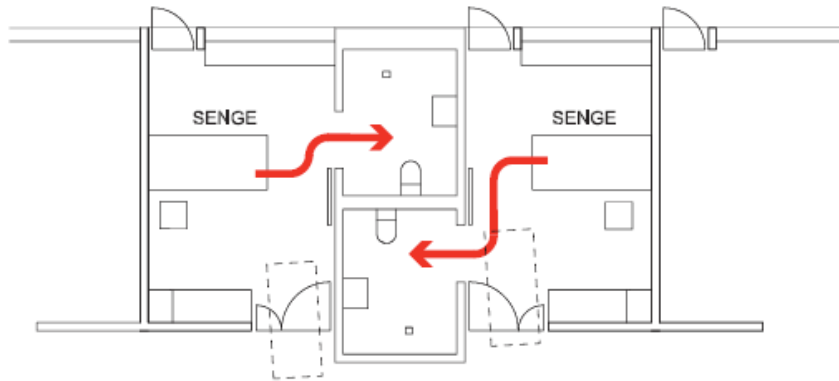
# Room Differences

Denmark  
Standard Patient Room

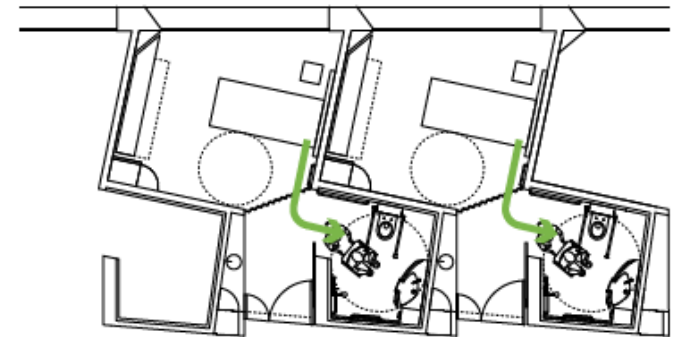
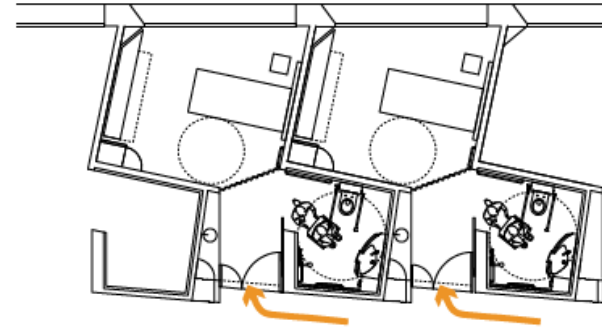
Entry  
Path



Toilet  
Path



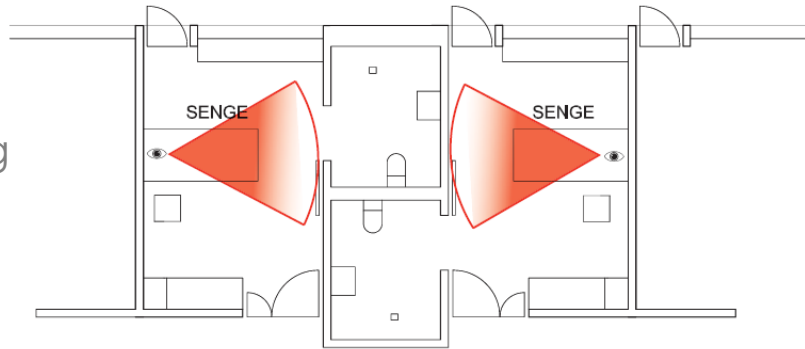
EYP/ KHR/ ARUP  
BBH Patient Room



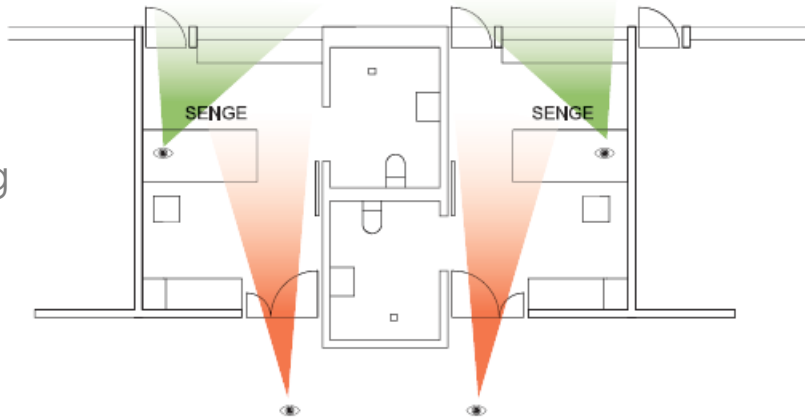
# Room Differences

Denmark  
Standard Patient Room

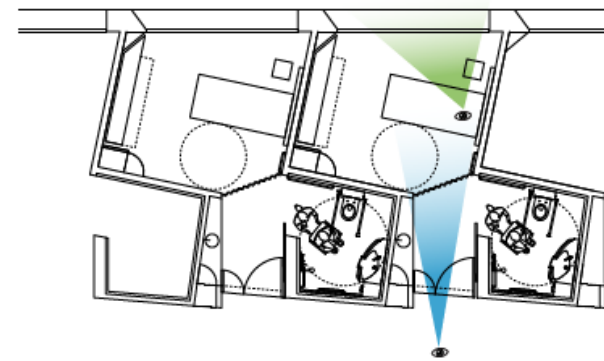
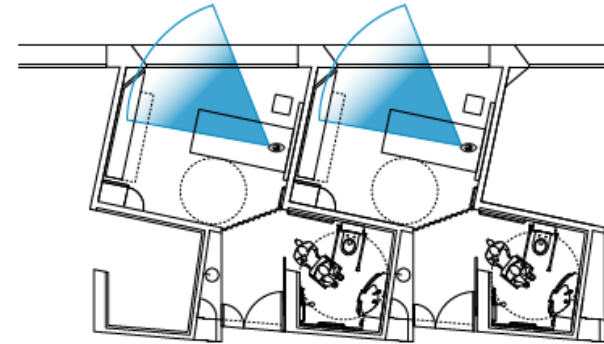
Patient  
Viewing  
Angle



Nurse  
Viewing  
Angle



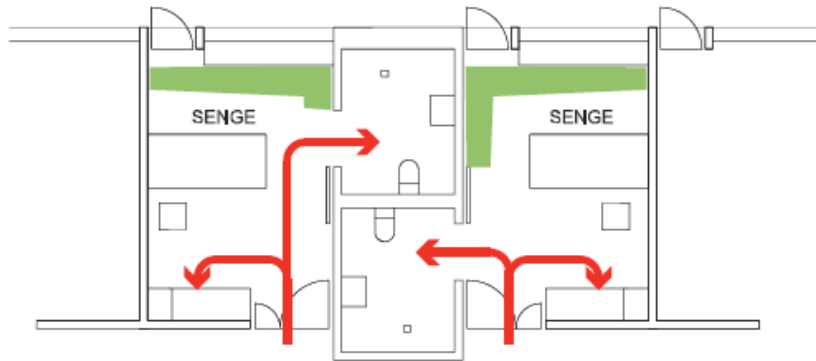
EYP/ KHR/ ARUP  
BBH Patient Room



# Room Differences

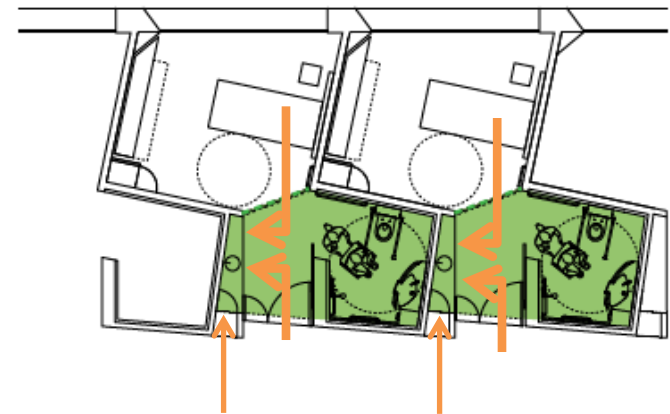
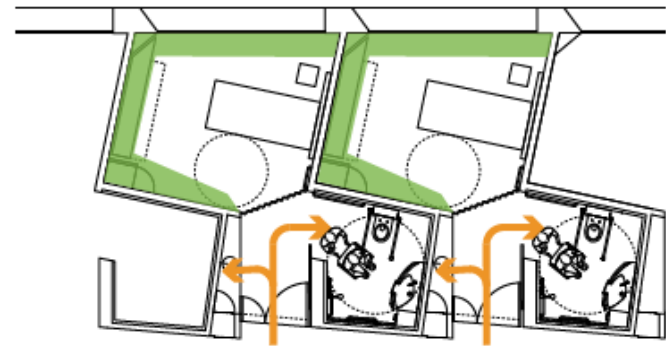
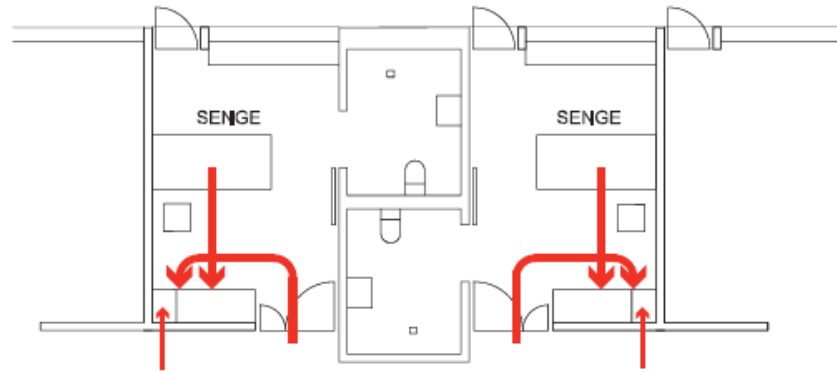
Denmark  
Standard Patient Room

Family  
Zoning



EYP/ KHR/ ARUP  
BBH Patient Room

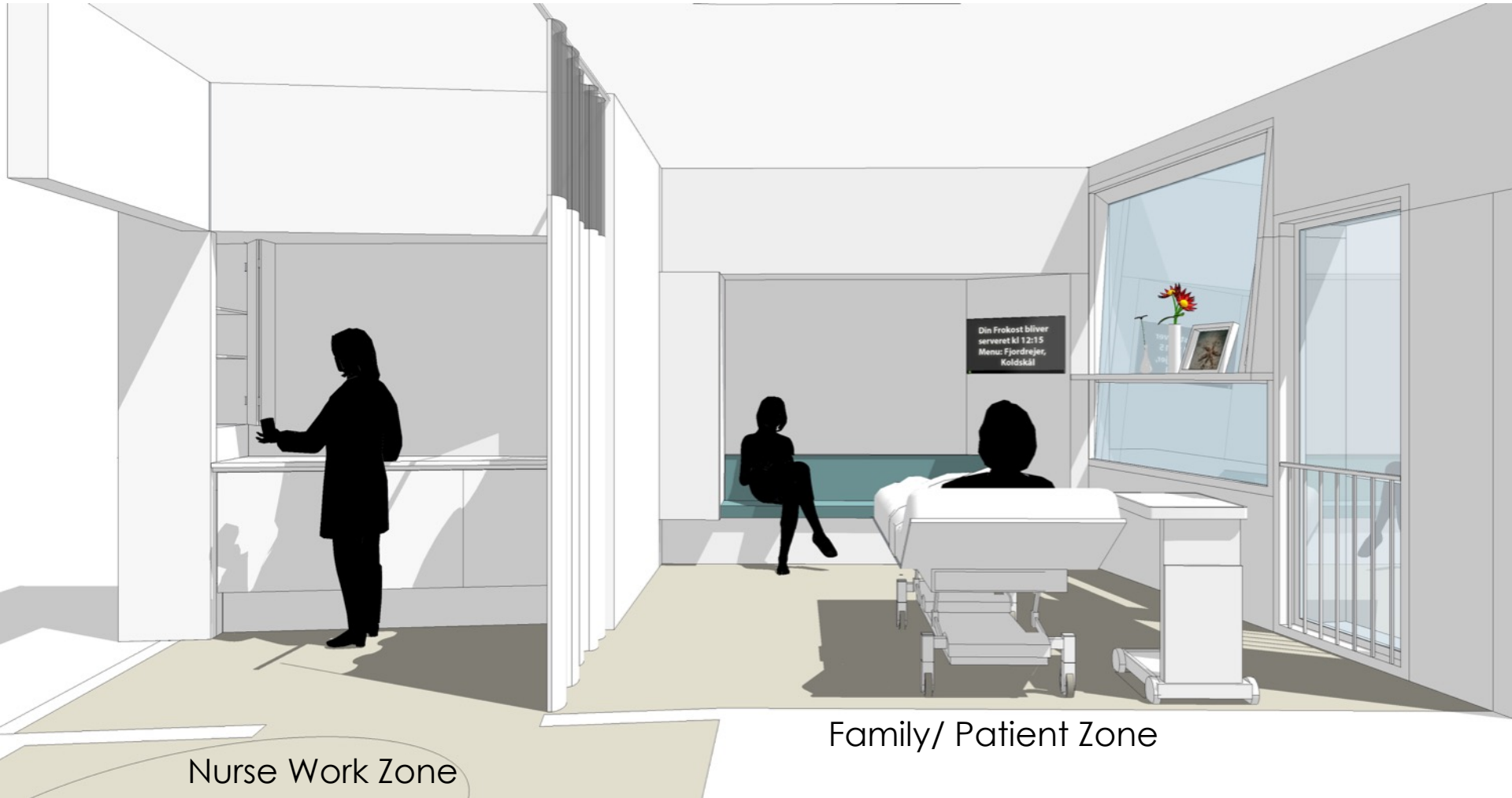
Nurse  
Zoning



# Current Room Design



# Current Room Perspective



Nurse Work Zone

Family/ Patient Zone



# Process & Flexibility



# User Group Process In “Danglish”

## 1. SENGEAFSNIT

Sengestue  
Birum/depot  
Administration  
Ophold  
Træning

## 2. AMBULATORIER

Behandlerum  
Birum/depot  
Administration  
Ophold

## 3. RØNTGEN

Scannerum  
Birum/depot  
Administration  
Ophold

## 4. INTENSIV

Sengestue  
Birum/depot  
Administration  
Ophold  
Træning

## 5. AKM

Ankomst/ Triage  
Observationsrum  
U/B rum  
Fast Track  
Birum/depot  
Administration  
Ophold

## 6. PERI OP

OP stue  
Stationær  
Dagkirurgi  
Birum/depot  
Administration  
Ophold

## 7. LOGISTIK

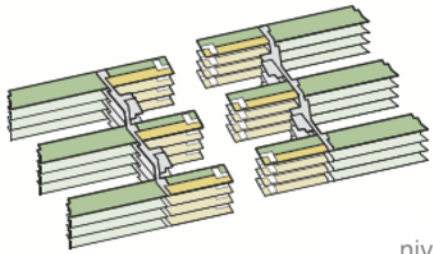
AGV  
Varetransport  
Levering  
Sengeredning  
Controltower

## 8. FOYER OG FÆLLESAREALER

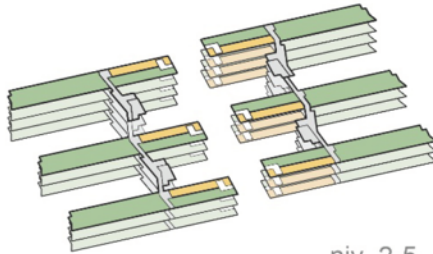
Lobby  
Ventearealer  
Exit areal  
Cafe  
Blomsterbutik



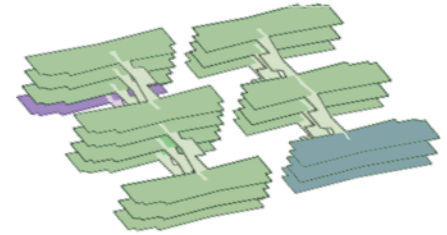
# Stacking Progression



niv. 2-5



niv. 2-5



niv. 2-5



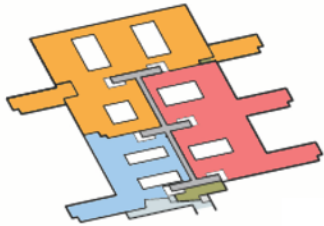
niv. 1



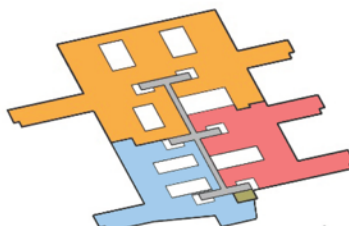
niv. 1



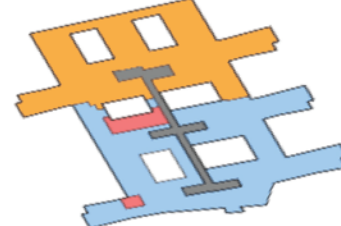
niv. 1



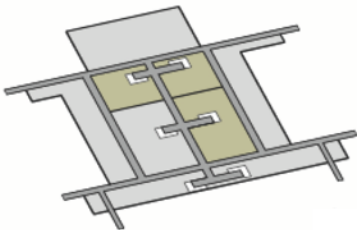
niv. 0



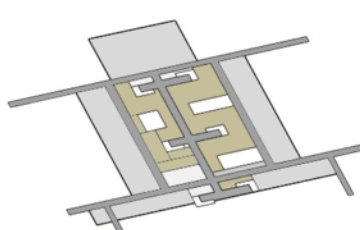
niv. 0



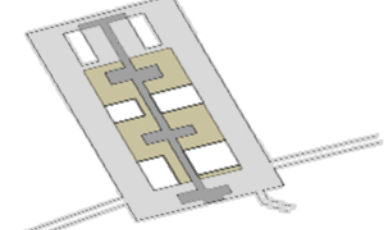
niv. 0



niv. -1



niv. -1



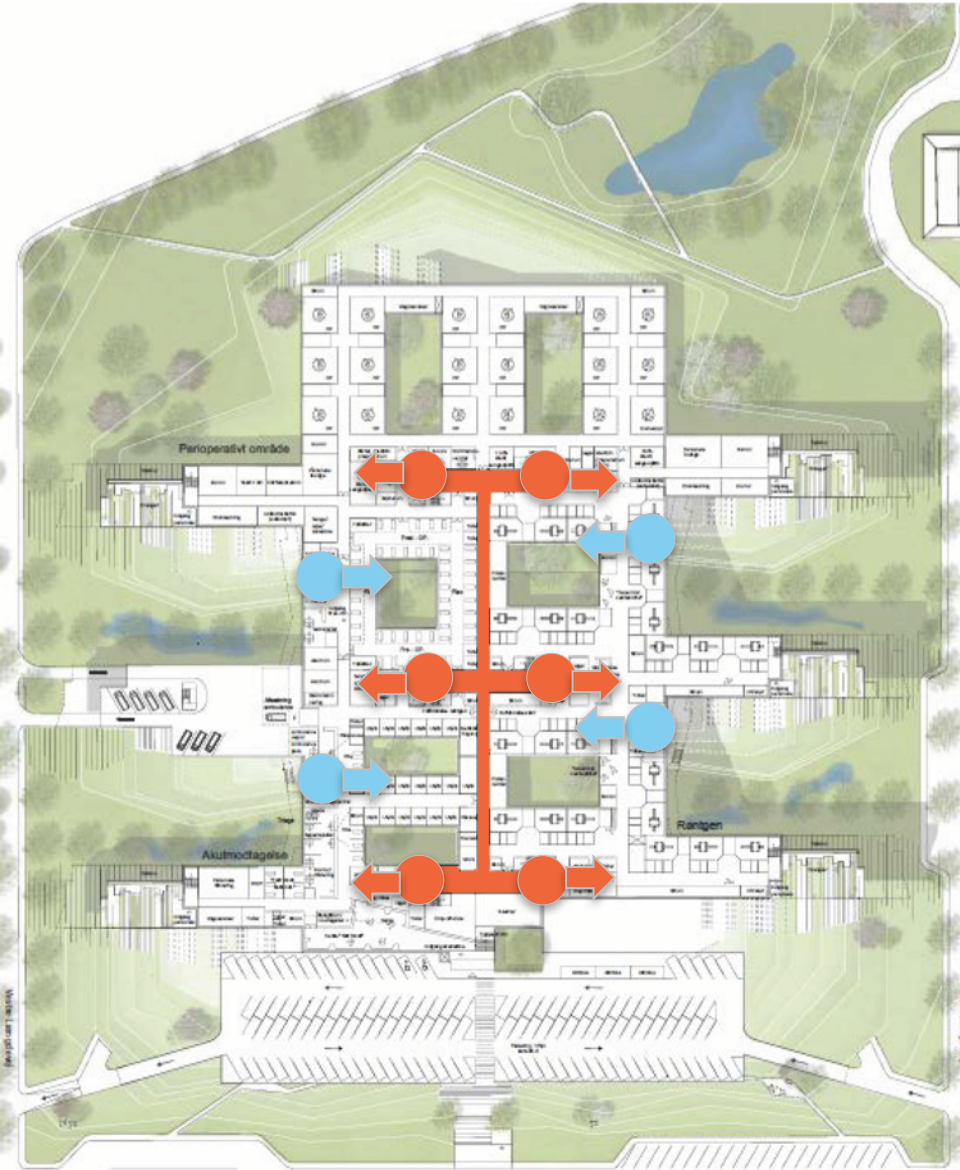
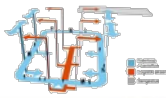
niv. -1

Competition  
Phase 1

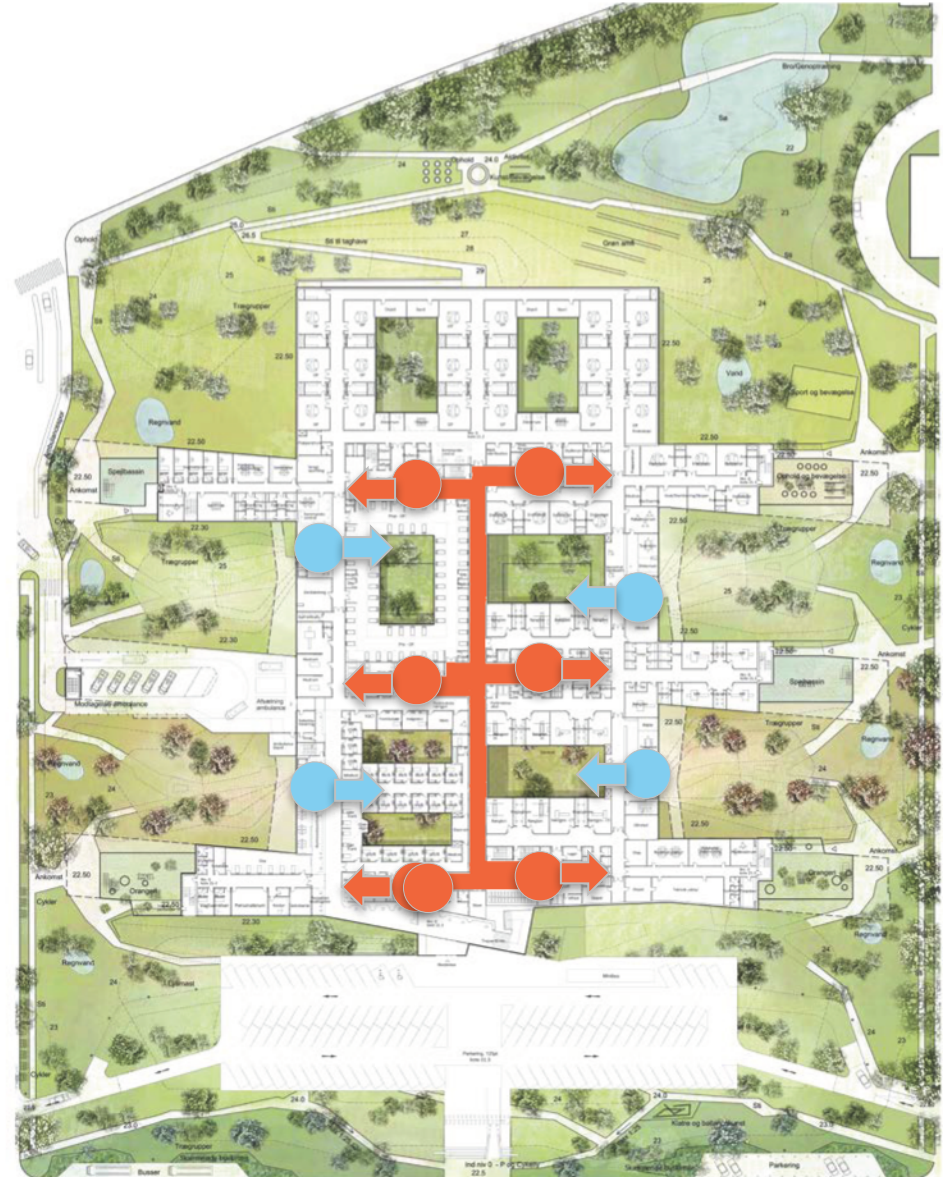
Competition  
Phase 2

Schematic Design

# Ground Floor

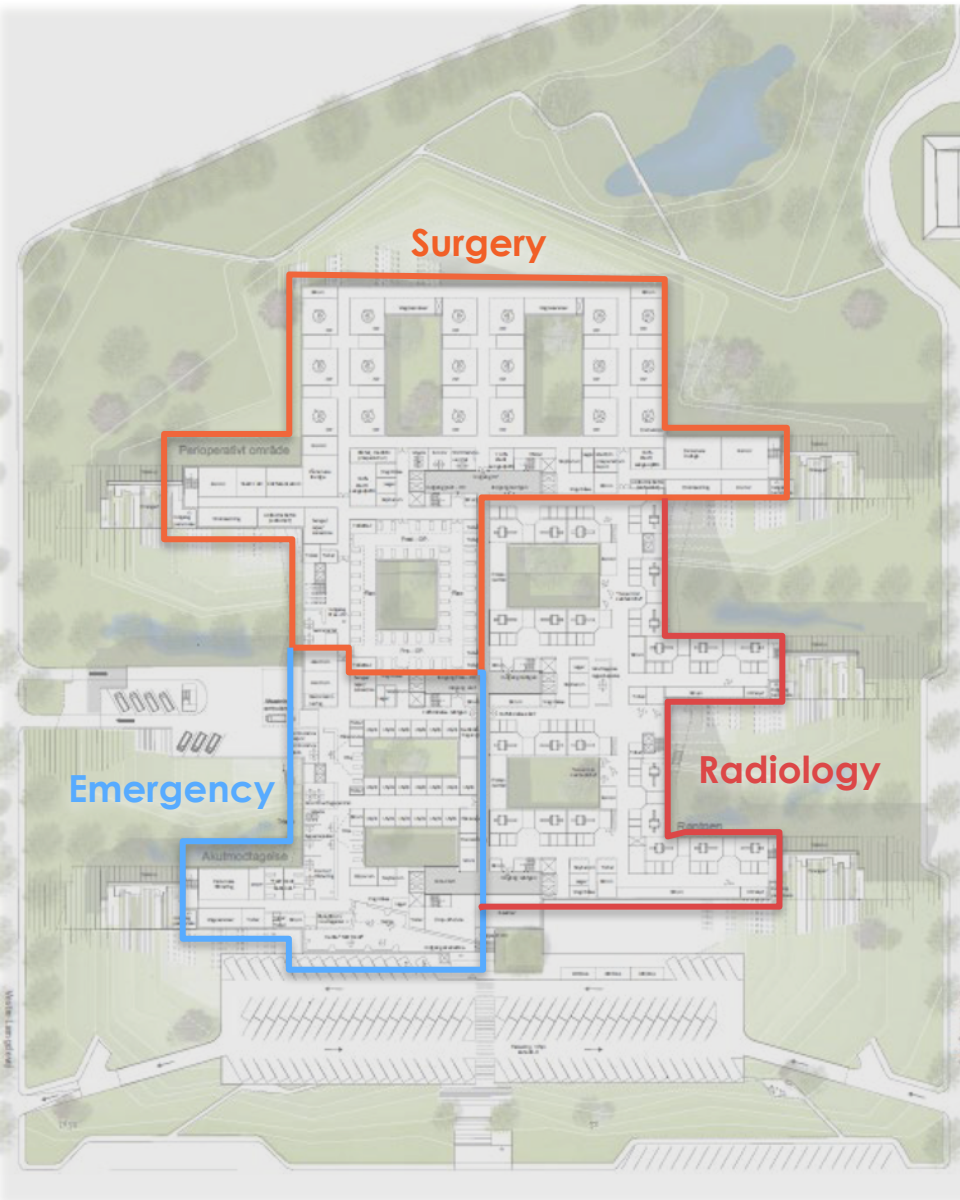


Competition Phase 1

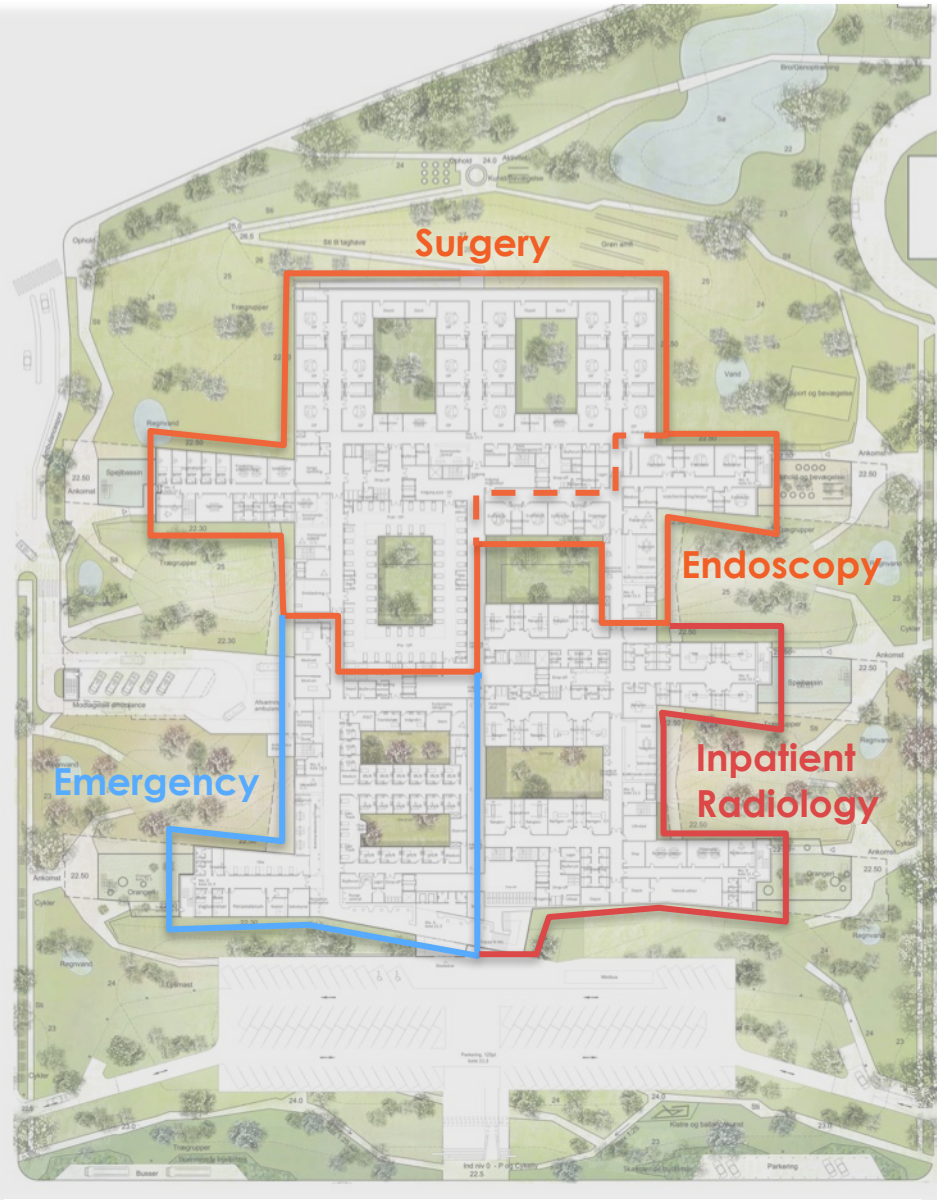


Competition Phase 2

# Ground Floor

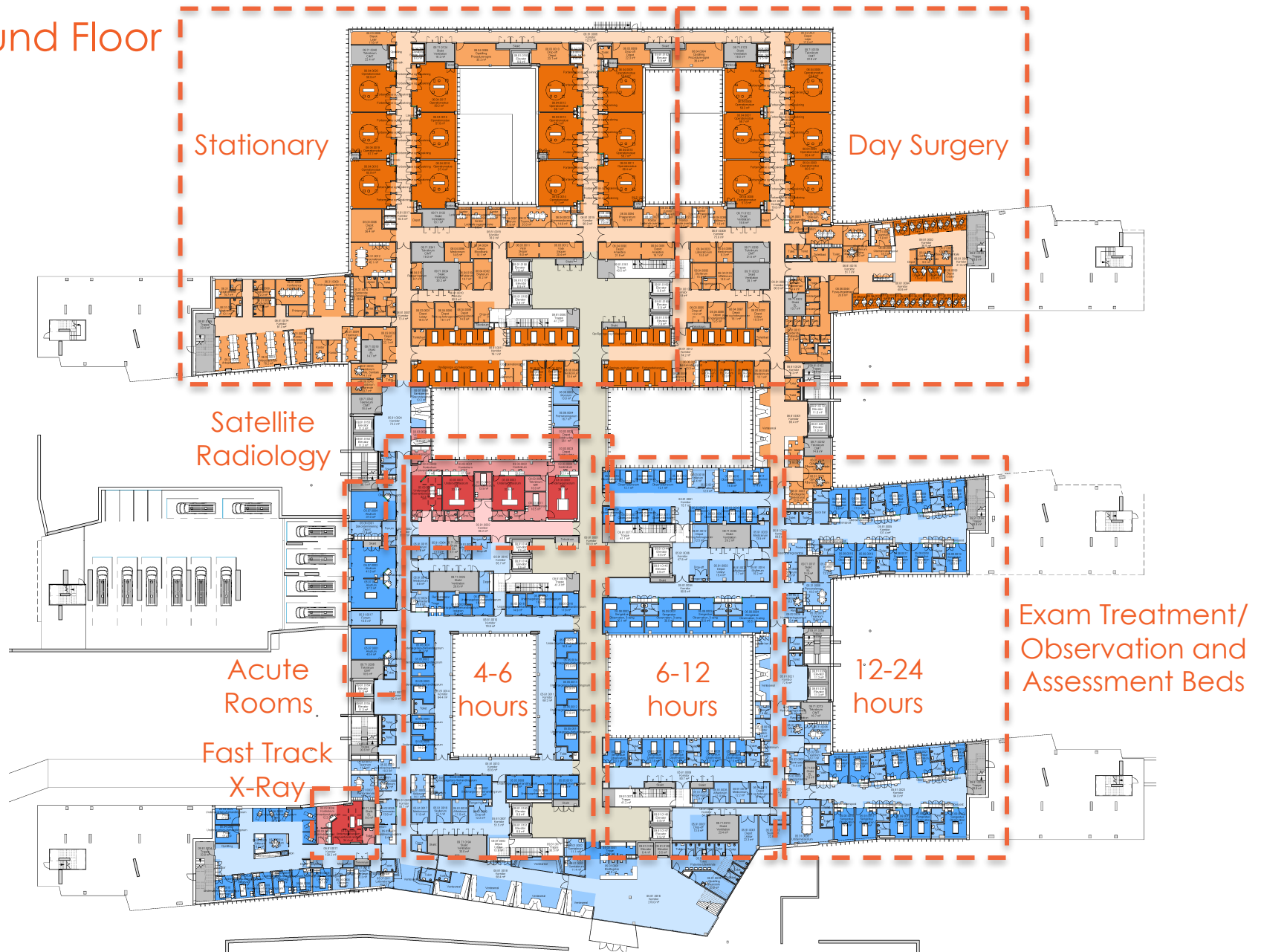


Competition Phase 1



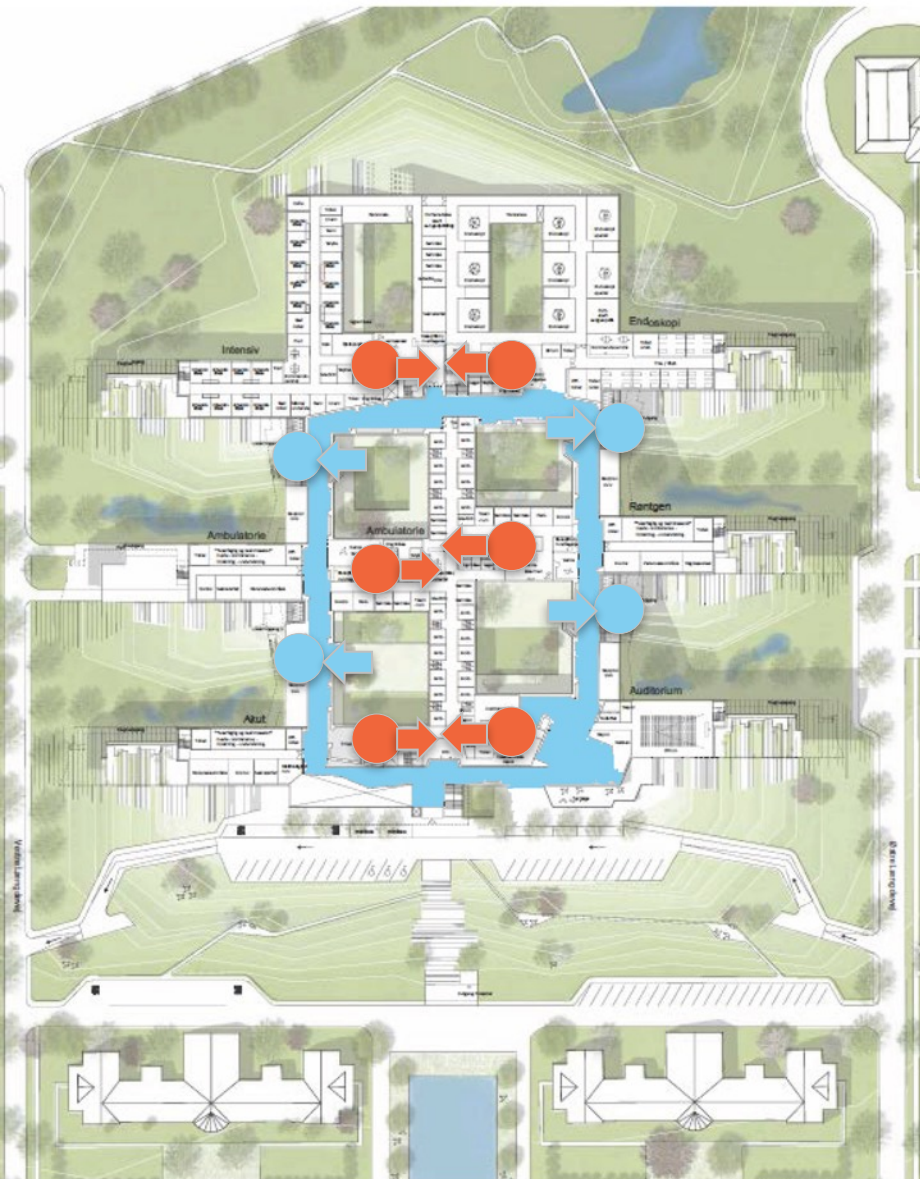
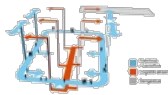
Competition Phase 2

# Ground Floor

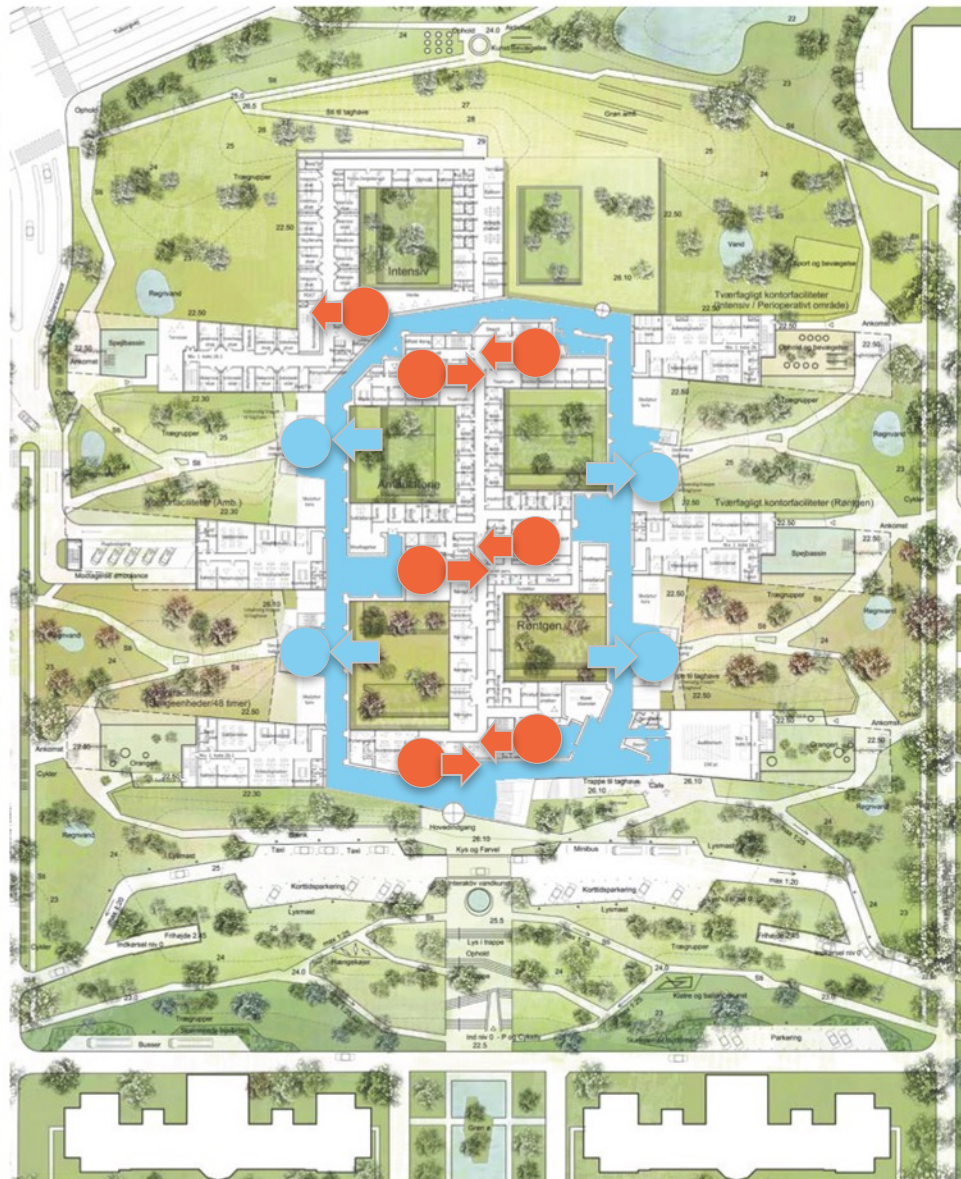


Schematic Design

# Lobby Level

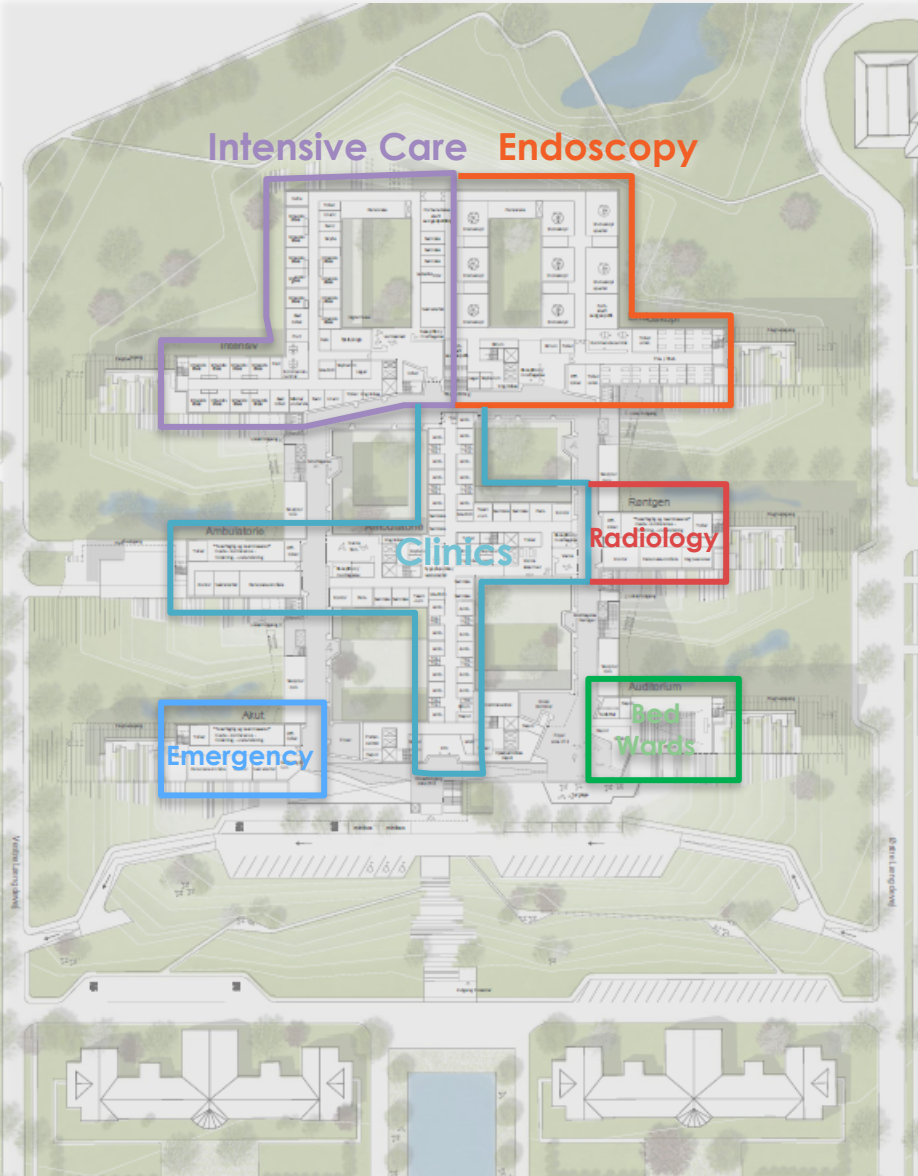


Competition Phase 1

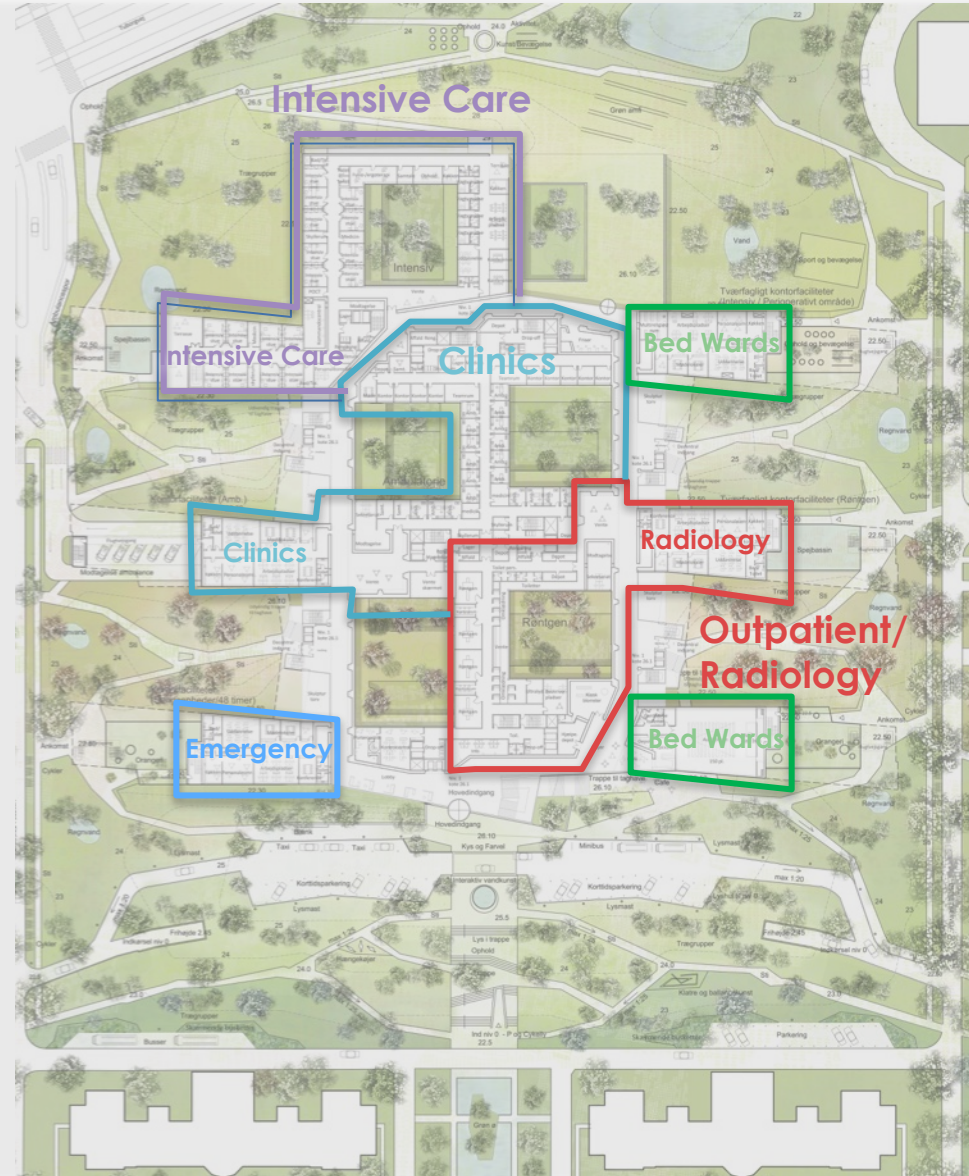


Competition Phase 2

# Lobby Level



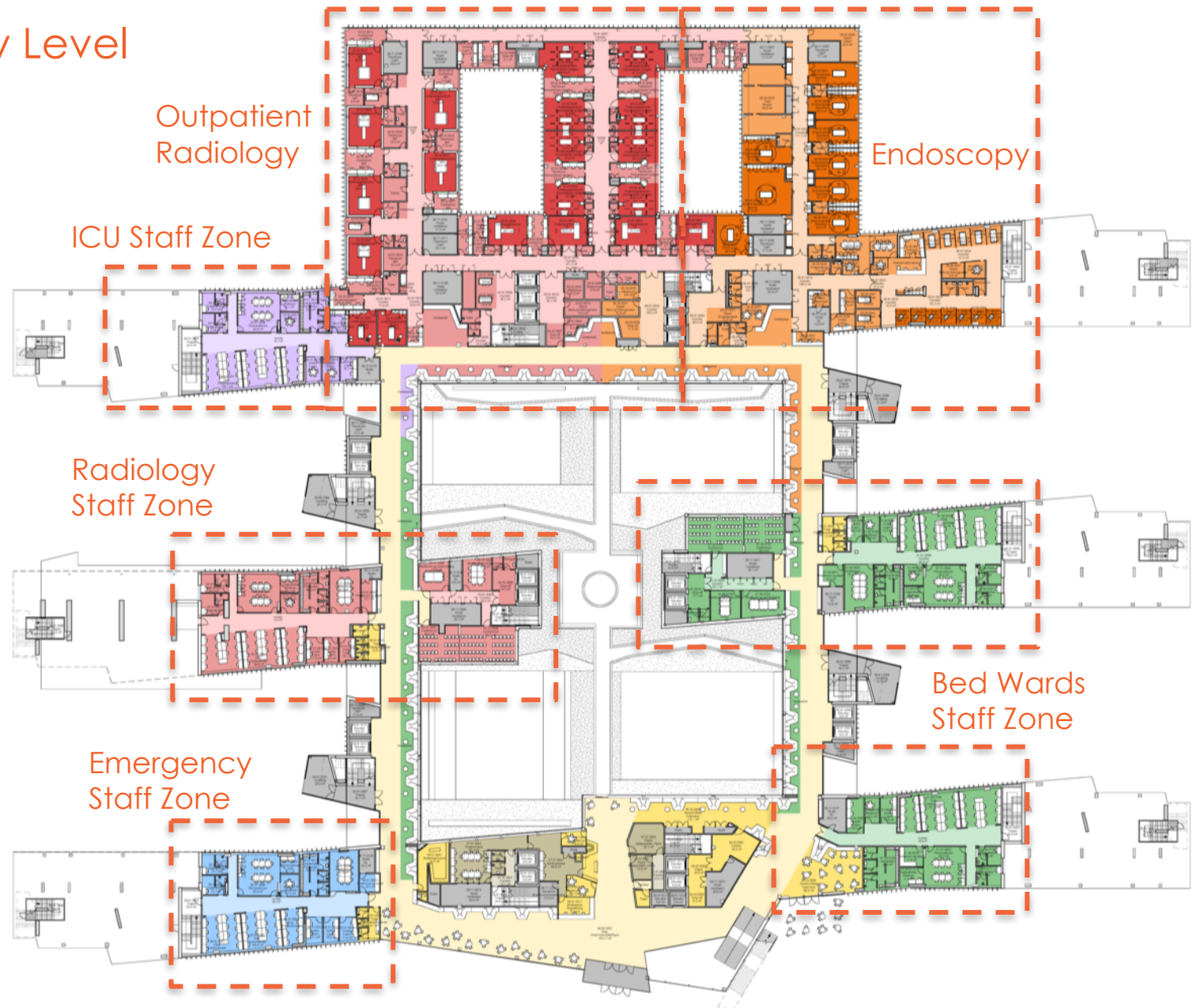
Competition Phase 1



Competition Phase 2

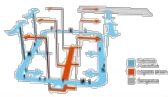


# Lobby Level

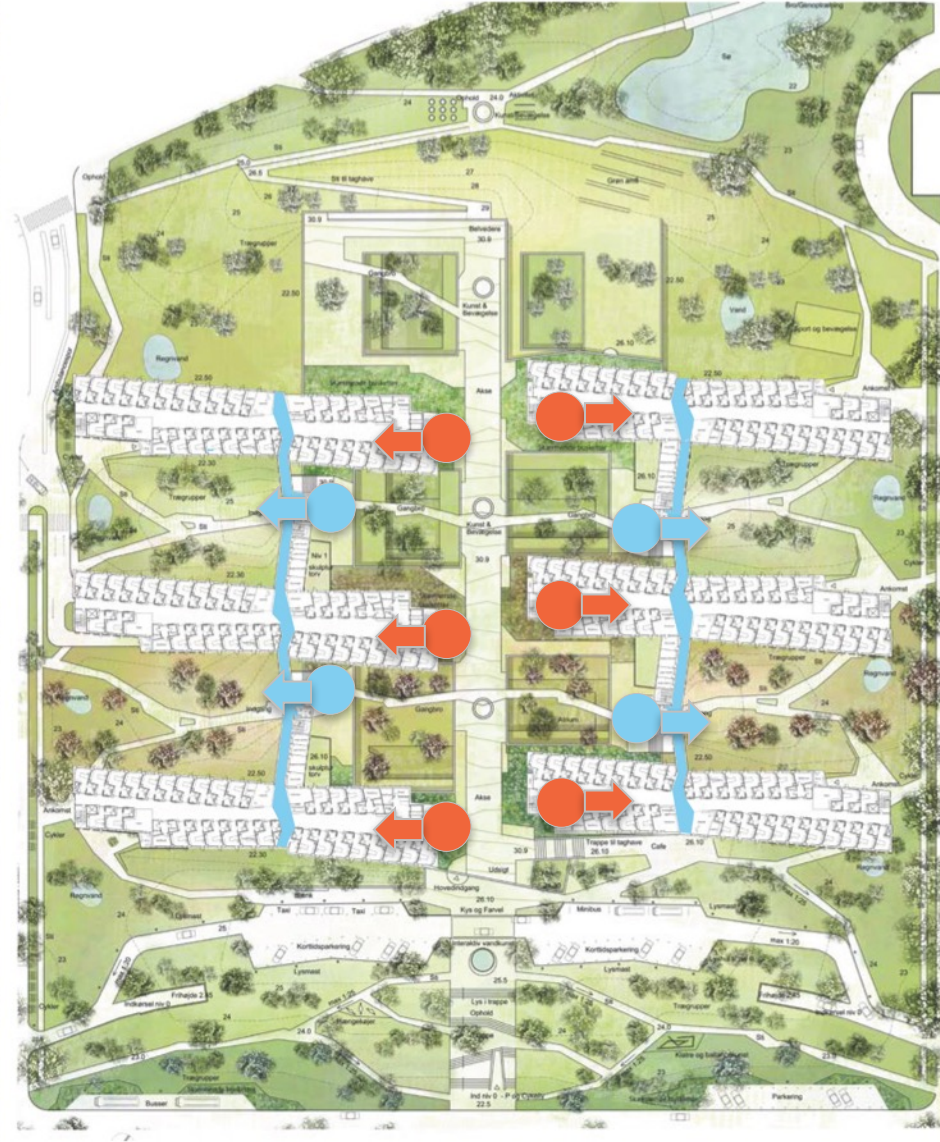


Schematic Design

# Bed Floors

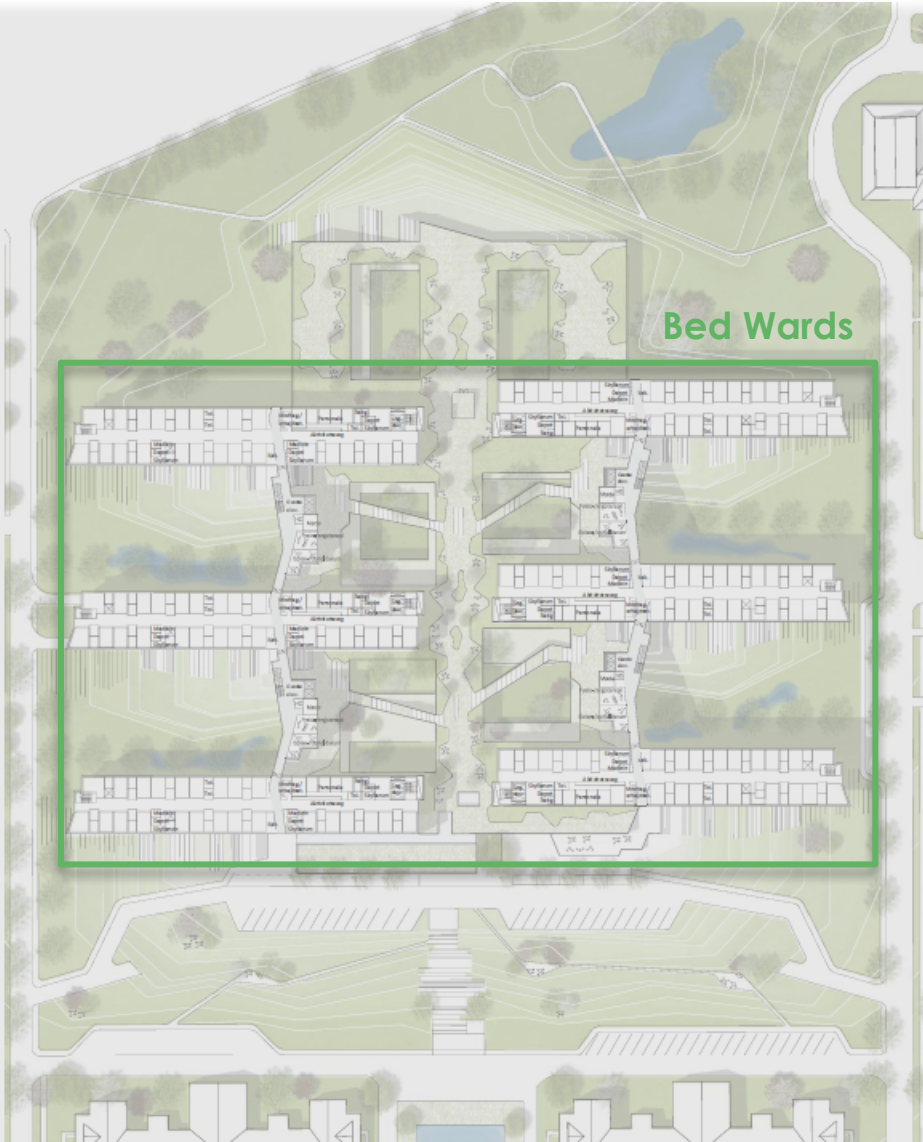


Competition Phase 1

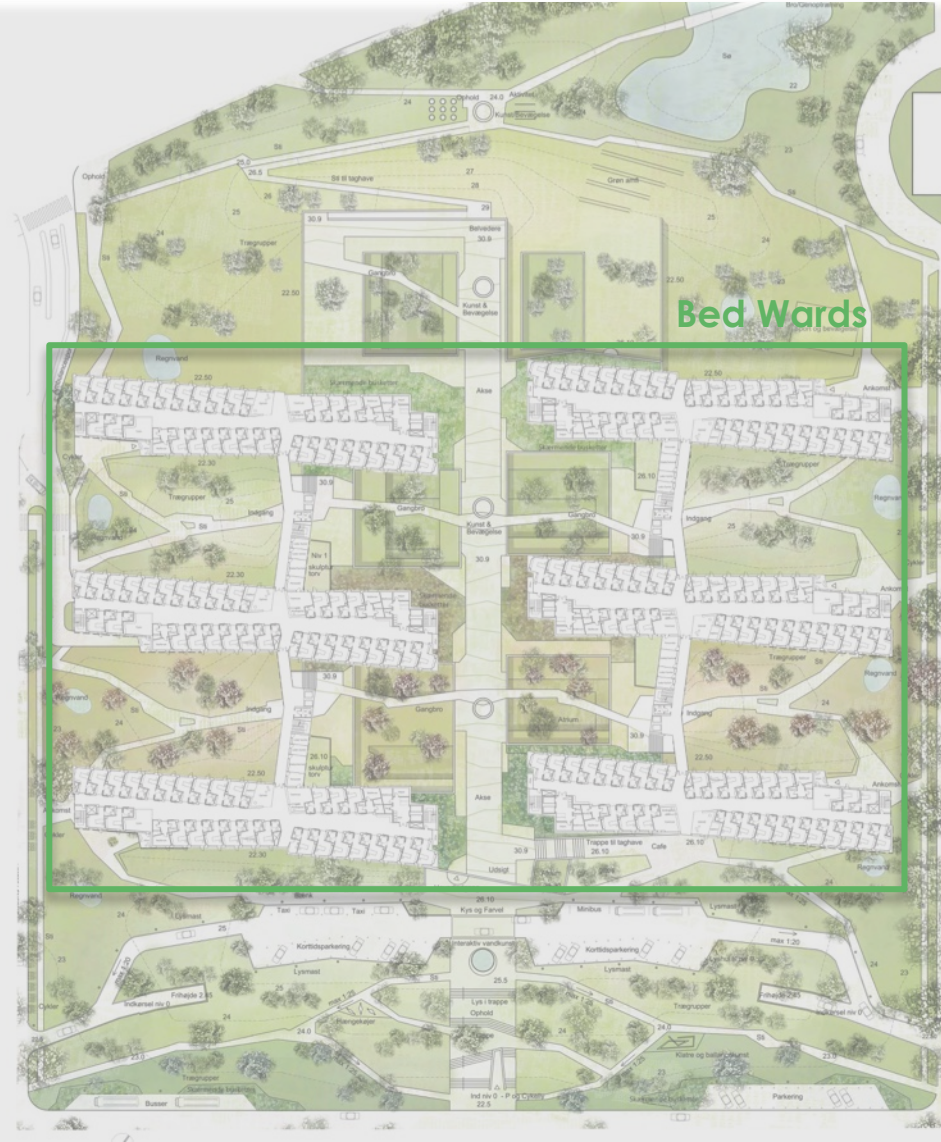


Competition Phase 2

# Bed Floors



Competition Phase 1



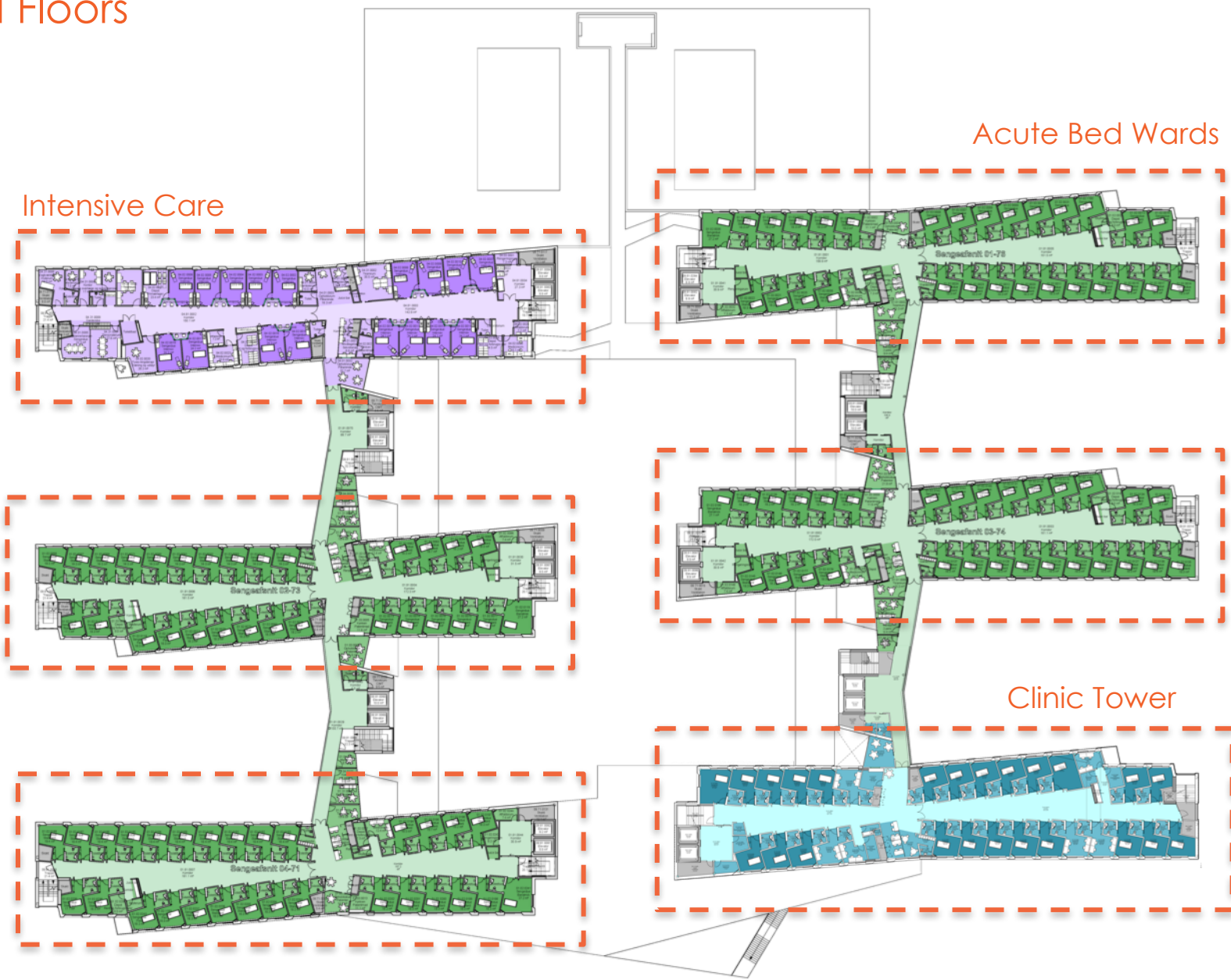
Competition Phase 2

# Bed Floors

Acute Bed Wards

Intensive Care

Clinic Tower



Schematic Design

# Standard Acute Care Bed



# Conclusions & Questions



Please Follow  
our Progress!  
@BispebjergAkut  
@EYPAE  
@KHRArkitkter