



UZ  
LEUVEN



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UZ  
Leuven

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UNIVERSITY HOSPITALS LEUVEN



# **Bienvenue !!**



**ZORG.tech with more than 400 technical responsables in  
the Dutch speaking part of Belgium  
Member of IFHE since 1976, and IFHE Europe**



**Eddy De Coster**



**President ZORG.tech**

## Key figures

### Care

1.920 beds

57.438 hospitalizations

108.476 day-care admissions

56.563 surgery interventions

702.712 consultations

57.650 emergencies



### Staff

Patient care 9.178 (7.770 fte)

Research & Education 2.089 (1.501 fte)

### Education

Biomedical sciences 9.940 students



University Hospitals Leuven (UZ Leuven) as an autonomous organisation for healthcare within KU Leuven

# UZ Leuven and technical services

## Challenges

Increasing need for health care: aging, technology, ...

Scarcity of resources: staff, funding, ...

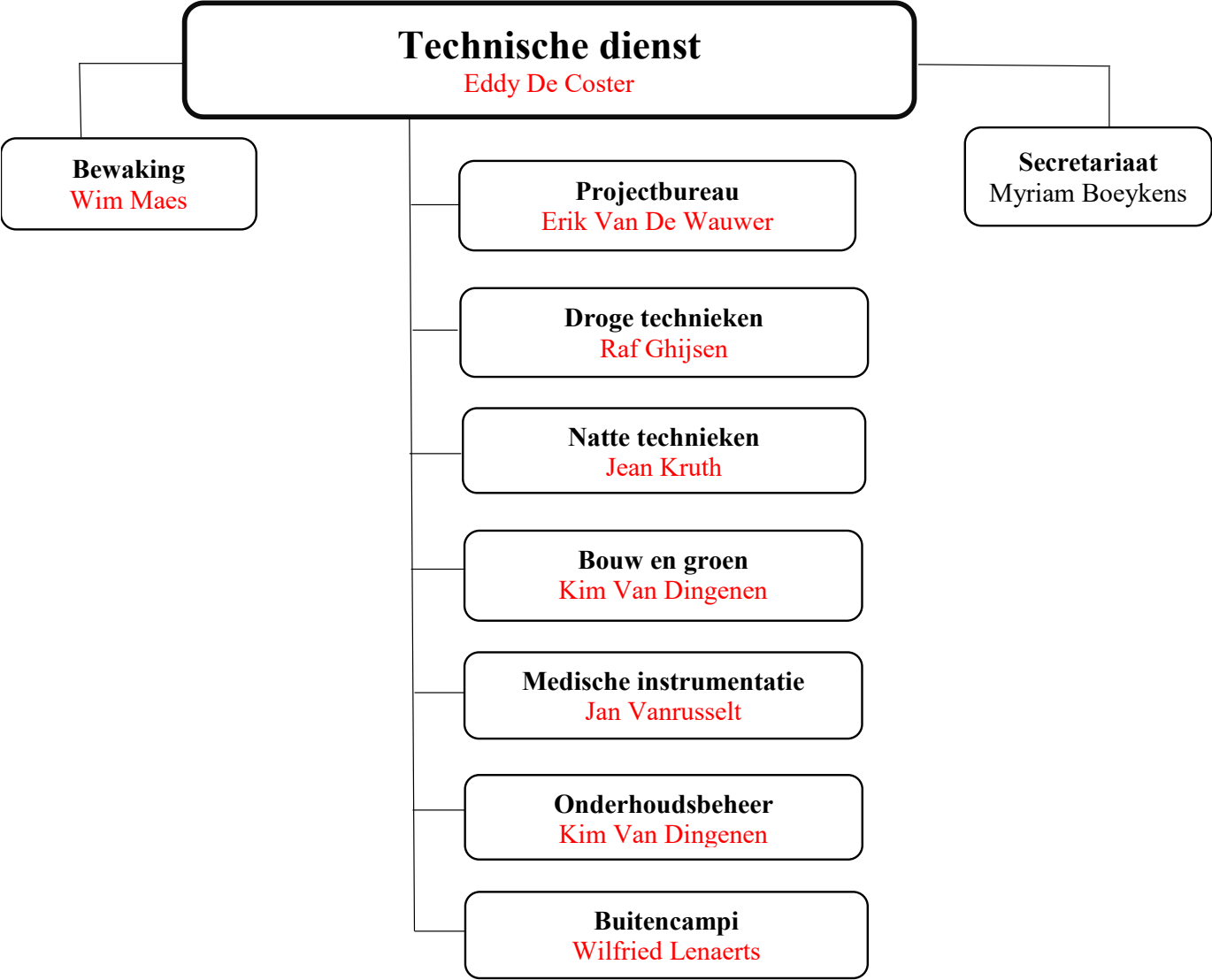
## Health care strategy of UZ Leuven

Efficiency

Quality

Innovation

Integration of KU Leuven and UZ Leuven



# History of UZ Leuven

- 1426 Medical education
- 1928 Foundation of St. Rafael hospital
- 1967 Masterplan integration hospitals
- 1975 fase I Gasthuisberg
- 1985 fase II UZ Leuven
- 1993 fase III
- **2004 Masterplan UZ Leuven**



2003



## Spatial ordening area planning → needs

- **INFRASTRUCTURAL**

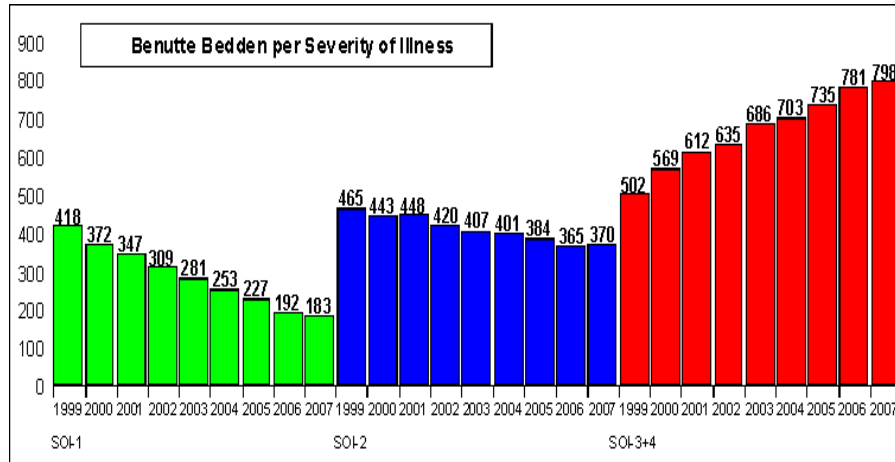
- Evacuation & move of the city-campus  
*18.000 m<sup>2</sup> still in use as clinical space (>600 employees)*
- Ageing of the infrastructure GHB  
*25.000 m<sup>2</sup> > 30 years old, 98.972 m<sup>2</sup> > 20 years old*

- **SUBSTANTIVE- STRATEGIC**

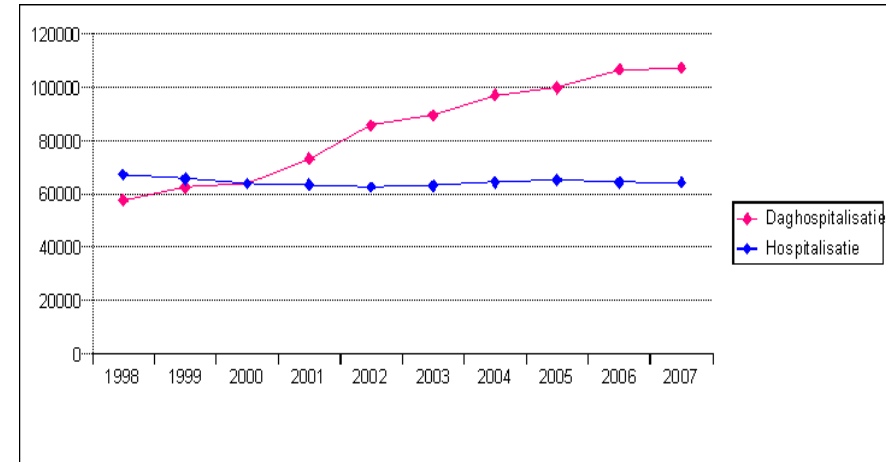
- Implementation of the (care)strategic plan:  
*GHB acute campus / PLB rehabilitation campus*
- Downsizing number of beds – Shifts in care profile:  
*More intensive care / increase of ambulatory care*
- Incorporated strategy group Biomedical KUL - UZ Leuven
- *Health-Science Campus: magnet site open for third parties: Red Cross, KHL college ( nurseryschool), VIB (Flemish research institute for biotechnolgy), ...*

# Trends / evolutions

## Shift in case-mix



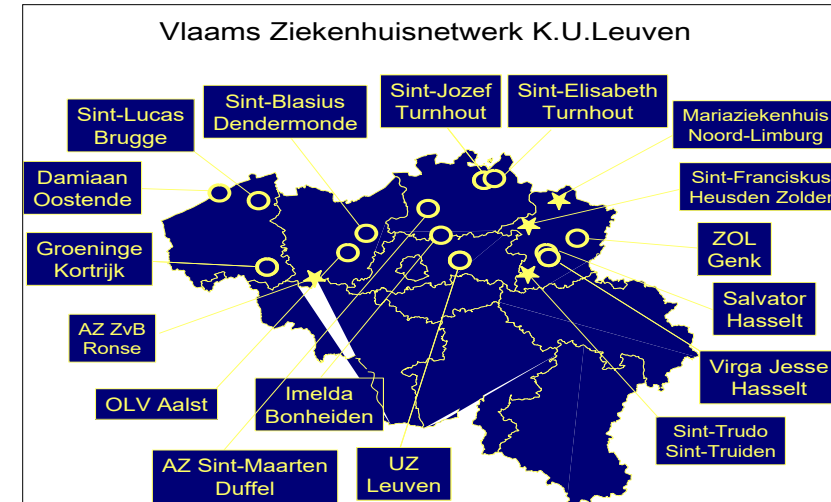
## More ambulatory care



## Integration KUL-UZ / partners

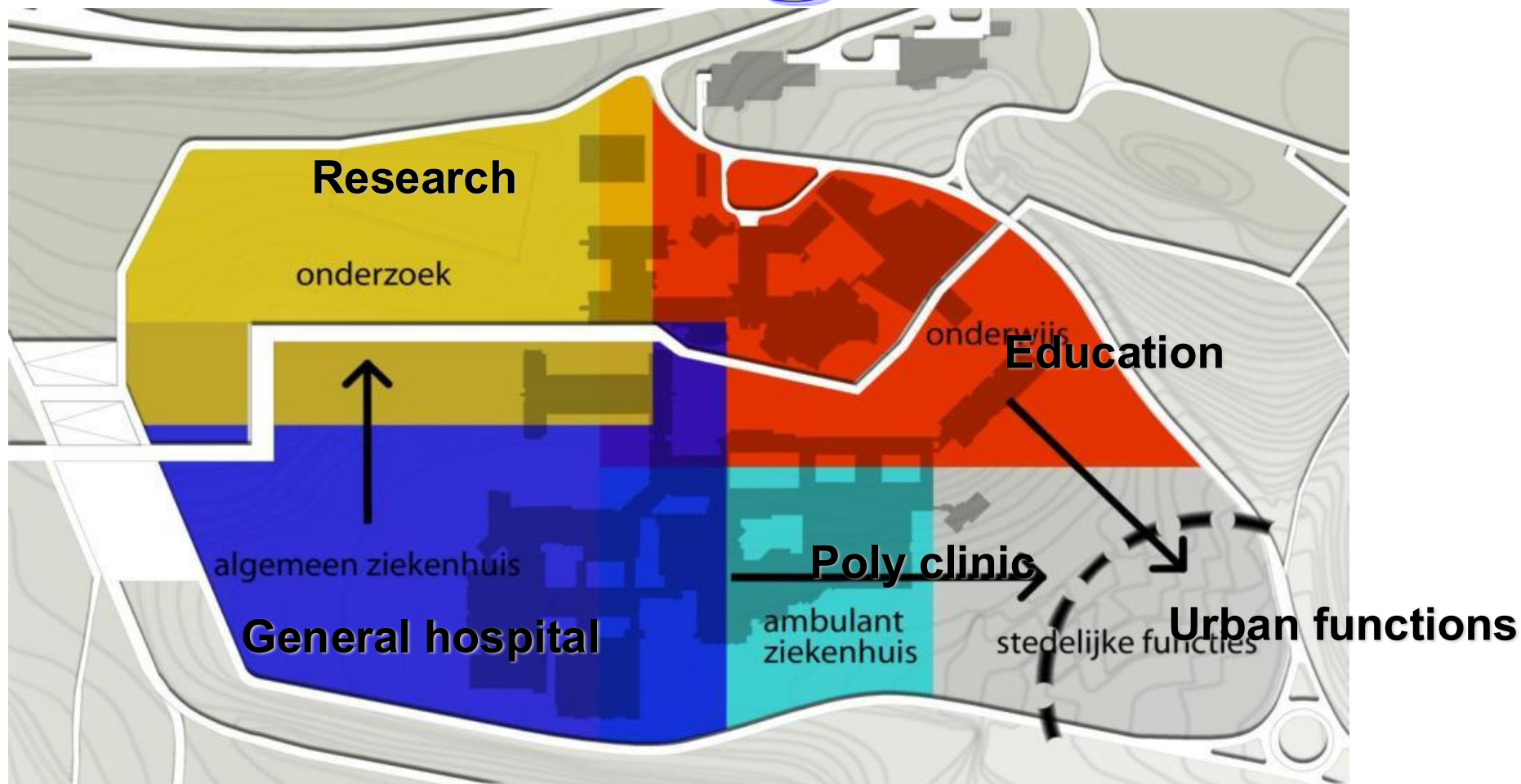


## Networking

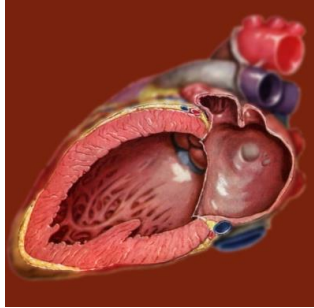


# Health Science Campus Gasthuisberg

Masterplan  
“Heart metaphor”



# Masterplan

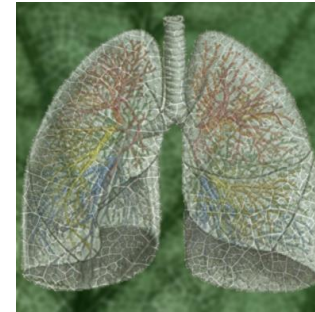


## Segmentation

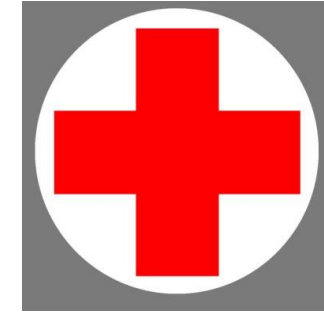
- care
- research
- education
- support area



- . increased density
- . urban patterns



- . conserve open space
- . "green" patios



- . clear circulations
- . streets /squares/...
- . clear tracks  
(separation in-ward  
patients / public  
circulation/logistics)

Health Science Campus  
Gasthuisberg

# Projects Health Sciences Campus Gasthuisberg double surface

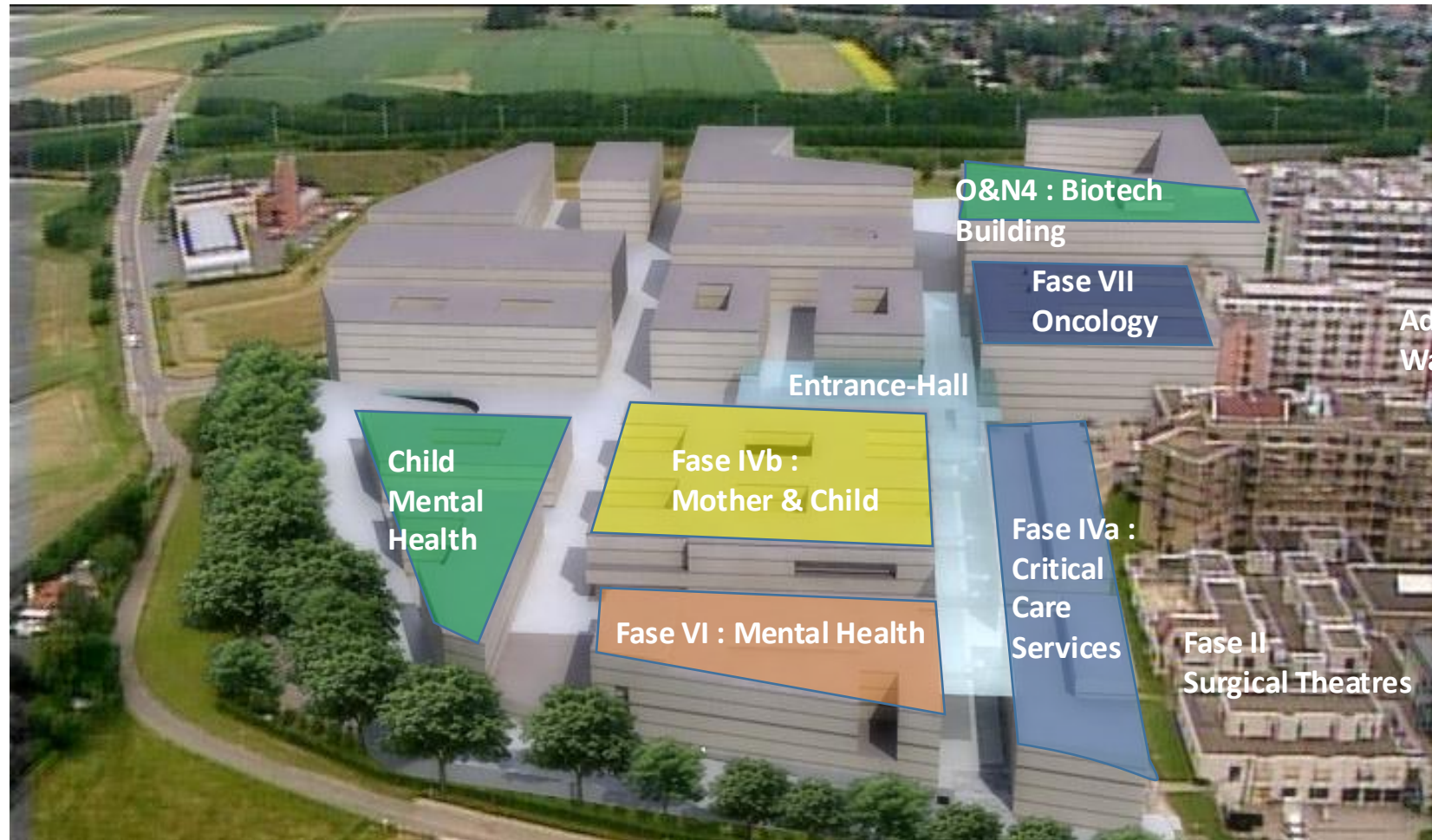


- Existing hospital 2003
- New building hospital
- Existing Univ 2003
- New building Univ

# Projects KU Leuven

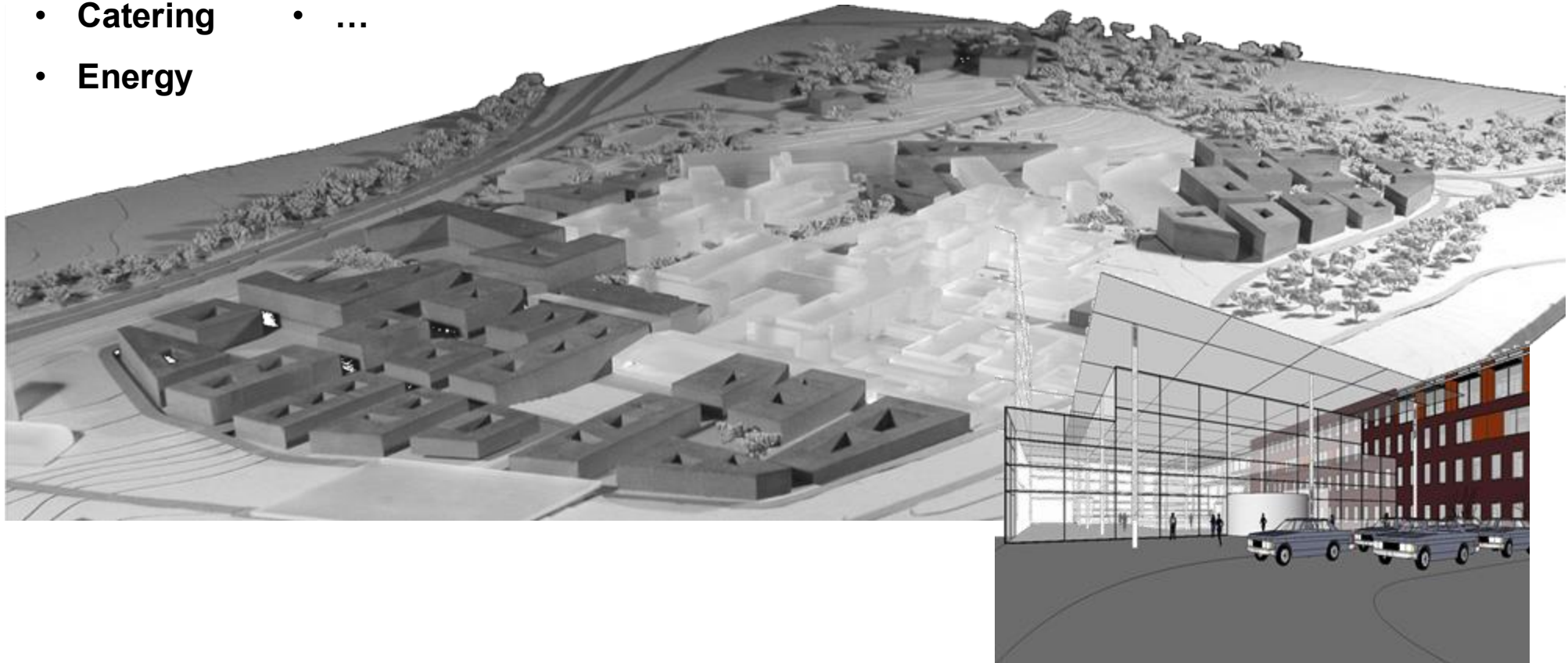


# General Hospital: Patient care



- Parking
- Mobility
- Logistics
- Catering
- Energy
- Health-mall
- Care-Hotel
- Catering
- ...

## ***Building intelligent cities***

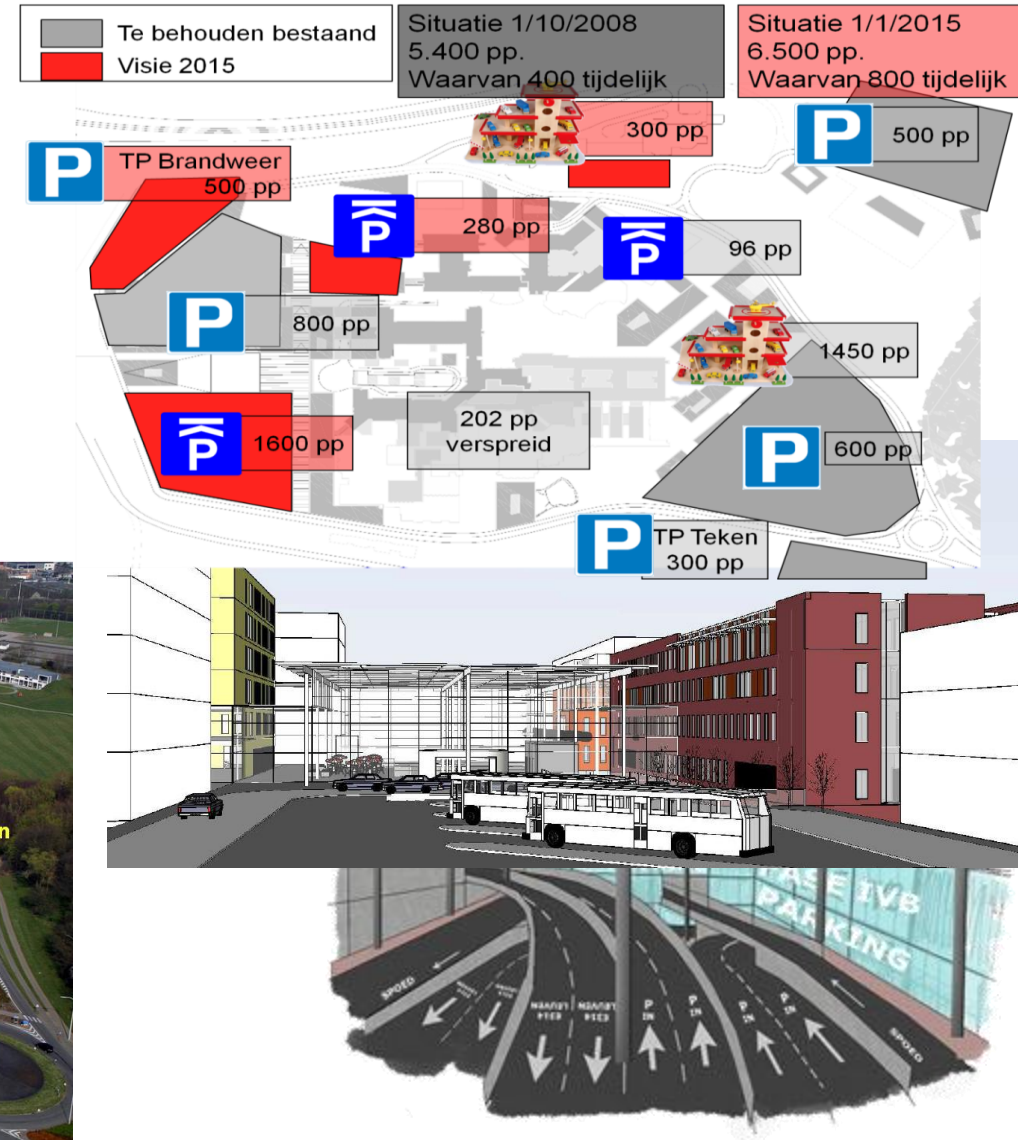
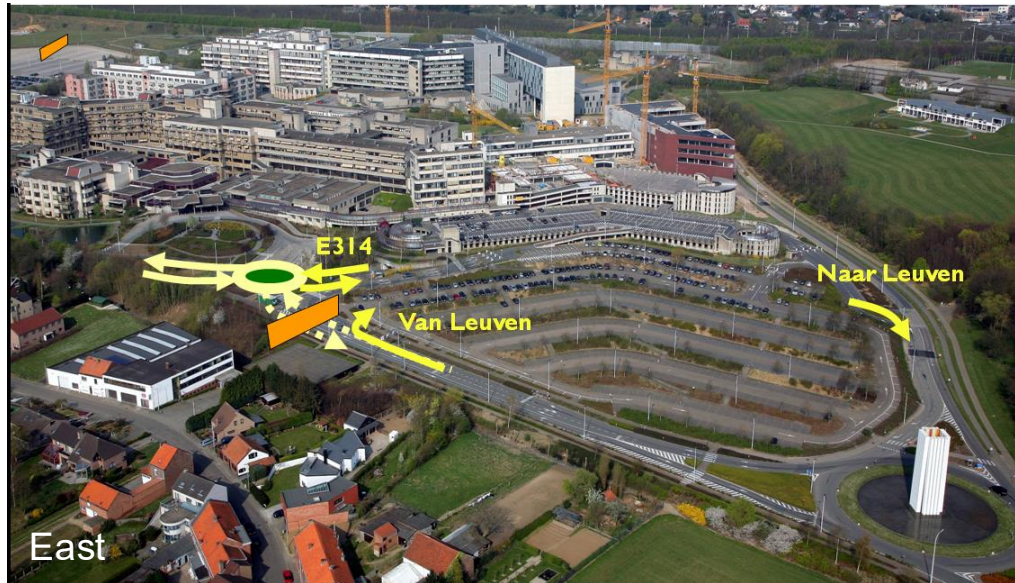


# Mobility

## Parkings

- actual parkings: 5.400
- under construction: 1.100
- **Total future parkings: 6.500**

## Beltway around campus



# Masterplan Energy

- Environmental: low energy cost
- Safety: redundancy

|              | Electricity | Heat<br>(natural gas) | Water             |
|--------------|-------------|-----------------------|-------------------|
|              | (kWh)       | (kWh)                 | (m <sup>3</sup> ) |
| consumption  | 64.300.000  | 82.000.000            | 330.000           |
| # residences | 15.000      | 3.600                 | 3.300             |



JCI accreditation since 2010

Last survey JCI 2016

New survey JCI juni 2019



# Projects Health Sciences Campus Gasthuisberg



# **Merci pour votre attention**

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