The making of BK city @TU Delft campus

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Universities in the Netherlands

14 universities in the Netherlands:
16 mn Dutch inhabitants
220,000 students
45,000 faculty/staff

+ 46 institutions for higher professional education ("hogescholen")

Source: 2008

16 universities in the Netherlands:

- Amsterdam
- Leiden
- Wageningen
- Eindhoven
- Delft
- Nijmegen
- Groningen
- Utrecht
- Tilburg
- Rotterdam
- Maastricht
- Heerlen
- Enschede
- Tilburg
- Rotterdam
- Wageningen
- Eindhoven
- Delft
- Nijmegen
- Amsterdam

Dutch campus types in relation to the city

Common Issues

- Decreasing public funding
- Ageing campus (technically and functionally)
- Low occupancy/frequency rates

- Increasing costs of campus
- Sustainable campus "greening the campus"
- Expanding campus to city

Dutch university cities - 'Univer-cities'

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TU Delft 172 years!

History & Mission

- TU Delft was established in 1842 by King William II
- TU Delft is the oldest and largest University of Technology in the Netherlands

With its unique technological infrastructure, broad knowledge base, worldwide reputation and successful alumni, TU Delft is contributing significantly to the development of responsible solutions to urgent societal problems in the Netherlands and the rest of the world

Challenge the future

more information: http://managingtheuniversitycampus.nl
Universities in the Netherlands
TU Delft largest university of technology

- 13 NL universities
- 3 universities of technology: 3TU
- MoU with Leiden and Rotterdam
- Programmes in science, design and engineering

Developing knowledge networks

3 different areas
Emergency management
< 3 days after the fire

more information: http://managingtheuniversitycampus.nl
Found a 'new' building within 10 days

sustainable = re-use

ASSIGNMENT: relocate 3300 students and > 800 employees
DEADLINE: renovate 32.000 m2 < 6 months
+ new construction 4.000 m2 < next 6 months
What we started with in June 2008:

Facts

150 participating companies
25 consultancy / architecture firms
90 construction workers on site
800 orders
15 km sprinkler / 5500 sprinklers
30,000 litres paint
220 km data cables
5200 wall outlets

Phase 1 - EAST:
16,000 m² (gfa)
in use September 2008

Phase 2 - GLASS HOUSES:
4,000 m² (gfa)
in use May 2009

Phase 3 - WEST:
16,000 m² (gfa)
in use November 2008

Undergraduates < 4 months after fire
Project ready < 1 year

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Design the building as a city footprint 
old → new

Berlageweg 42.000 m² bvo
Julianalaan 32.000 m² bvo

+ new glasshouses 4.000 m² bvo
= 36.000 m²

bvo = brutovloeroppervlak = gross floor area (gfa)
no = nuttig oppervlak = usable floor area (ufa)

GOALS ORGANISATION
1. Community building
2. More effective support of education, research & management
3. Creating the place to meet
4. Stimulate social interaction & intellectual interaction
5. Flexible use of facilities
6. Sustainable

Follow me on Twitter: @alexandra_dh
More about case BK city & book "Managing the university campus": http://managingtheuniversitycampus.nl

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