

AZ Groeninge - New construction

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This totally new hospital has been designed according to the principles of sustainable construction, with flexibility, ease of maintenance, legibility and energy-friendliness as important reference points. Ingenium is responsible for the design of the HVAC, electricity, sanitary and firefighting equipment, elevators, medical gases and pneumatic post systems, building management system, kitchen, medical equipment and other items. Stage 1, which has been in service since April 2010, consists of 4 bed wings with some 380 beds in all, and a first part of the medical technology block, including 11 operating rooms, a recovery section, intensive care unit, pharmacy, delivery rooms and radiology.

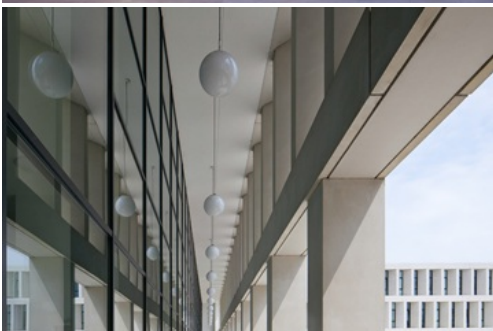
The campus is the second largest hospital in Belgium by number of beds in a single location. In construction stage 2, this focus on sustainability has been broadened and intensified. The design brief includes a CHP (combined heat and power) system and an extensive BTES (Borehole Energy Storage) field, allowing heat and cold energy from the ground to be used for heating and cooling the building.

Building stage 2 came into use in 2017.

K-level: 34
E-level: N/A

A covered car park with approximately 1,850 parking spaces is also provided. This car park includes a smoke and heat extraction system, sanitary facilities, firefighting equipment, electricity and lifts.

The last phase (construction stage 3) is being started in 2022. When it is completed, the last city centre campus can move to the unitary campus along the Kennedylaan.



Reference: 03008.001

DEVELOPER

AZ Groeninge

Designer / Architect

TV Osar - Baumschlager & Eberle

LOCATION

Courtrai

BUDGET TECHNICS

€ 59.550.000 excl. VAT

Surface

Phase 1-2: 113.000 m²

PERIODE STUDY:

2003 - 2006

EXECUTION:

2006 - 2017

Sectors

Hospitals

Services

Building services
engineering