



COLLEGE O.L.V. TEN DOORN

Eeklo

New construction of a secondary school with cafeteria and sports hall + renovation of building D1



Status

2015 - 2019



Services:

Building Services



Sectors:

Care & education: Education



Client:

Scholen van Morgen



Architect:

Van Heyningen Haward
Architectureitects (Londen) /
Smak Architectureitects
(Antwerpen)



Area:

10739 m²



General

The project for College Onze-Lieve-Vrouw-ten-Doorn in Eeklo is part of the Schools of Tomorrow program, a large-scale DBFM approach (Design, Build, Finance, Maintain) by the Flemish government to modernize school infrastructure. The total project covers 10,739 m² and was executed in two phases, with a strong focus on sustainability, energy efficiency, and a contemporary learning environment.

The master plan of OLV-ten-Doorn aims for a green, open learning environment where buildings and landscape design seamlessly connect. There is special attention to:

- Sustainable mobility
- A central green axis for soft circulation
- Contemporary learning environments that bring together general, technical, and vocational education on one coherent campus

Phase 1: New Construction (2015 – 2017)

The first phase included the realization of a new building of 4,614 m², consisting of:

- 3,470 m² of classrooms and specialized rooms, refectory, and technical spaces
- 1,144 m² of sports halls, divisible into two separate halls
- Additionally, site works were carried out, including a covered playground and a parking and maneuvering area

Phase 2: Renovation (2017 – 2018)

In the second phase, an existing building was renovated, totaling 6,125 m², with:

- Classrooms and specialized rooms
- Study halls and technical spaces
- Open and covered playgrounds
- Bicycle storage and additional parking zones

This phase ensured a harmonious integration of new construction and renovation, giving the campus a uniform and future-oriented appearance.

Techniques and Installations

The project was equipped with modern techniques that contribute to comfort, safety, and sustainability:

- HVAC: Heating and ventilation with energy-efficient systems
- Electricity: High voltage, strong and weak current, lighting, data infrastructure, and fire protection
- Sanitary: Supply and drainage pipes, outdoor sewage, rainwater recovery, and sanitary fixtures
- Elevator installation: For optimal accessibility