Liège-Bierset airport
North freight zone - phase 2

Liège-Bierset airport North freight zone, rue Saint-Exupéry, Grâce-Hollogne (BE)

Complete mission of civil engineering, architecture, stability, building engineering services, electromechanical equipment for aeronautical lighting installations, hydro-electric equipment, kerosene supply equipment, health and safety coordination and control office

Onwer
Société wallonne des aéroports (SOWAER)

Project management
Joint venture Greisch - Bevac - Egis Avia

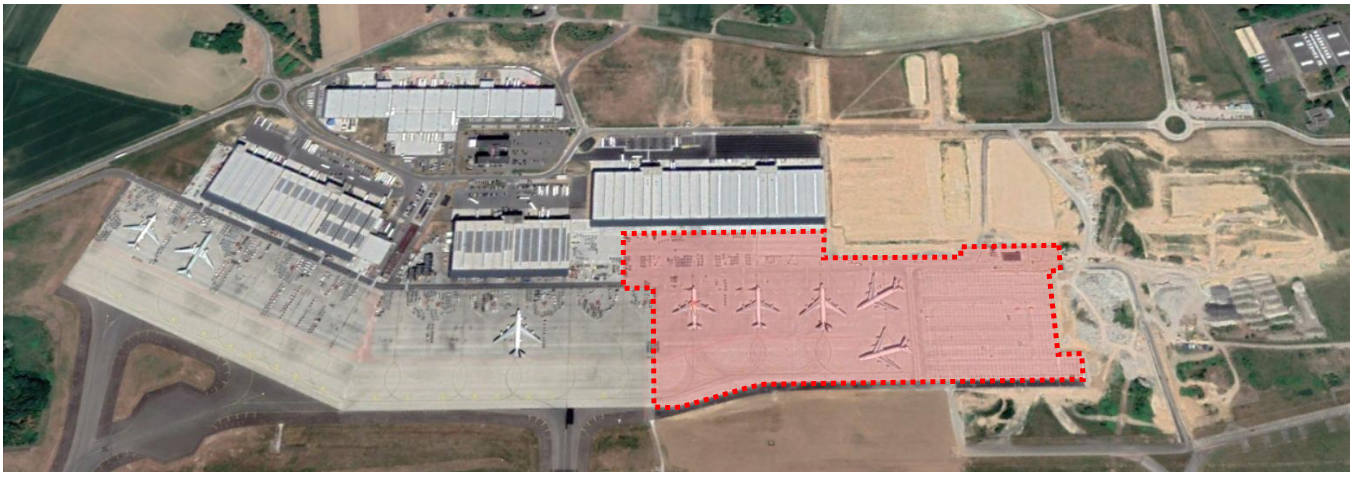
Architecte
Canevas

Cost of the works
€ 31,4 M excl. vat of which € 22,4 M for the civil engineering, € 2,09 for the architecture, € 350 000 for the structure, € 5,9 M for the techniques

Studies
2011 - 2018

Execution
2018 - 2020

GC AR ST TS CS



Within the framework of the development of the activities of the Freight Zone in the north of Liège-Bierset airport, SOWAER, for LIEGE AIRPORT, carries out a second phase of the extension of its installations. The works include the following facilities and equipment: construction of an airport platform in pinned concrete slab for 6 F-code aircraft parking stands, with a total surface area of 82,775 m², equipped with complete aeronautical lighting installations, lighting masts equipped with LED lamps, a complete kerosene supply hydrant network with 2 pits per stand, docking masts, and 400Hz standby pits.

The project also includes the construction of a technical building of 620 m² with premises for the aeronautical lighting installations, data, a high voltage cabin and a no-break emergency diesel power unit; the construction of a 780 m long technical gallery that can be visited (Ø2000mm), and the construction of a 175 m² technical building equipped with a 350 m³ water tank and a booster set for water supply with 4 pumps + 1 emergency pump, developing a nominal flow of 120 m³/h at a maximum working pressure of 10.7 bars.

The mission also required the construction of a complete new drainage network of 4,100 m in length, made of cylindrical concrete pipes with diameters ranging from 400 to 2,000 mm, to connect the new platform and the front-line halls to an existing storm basin. This network also includes a 105 m³ de-icing product recovery tank and a hydrocarbon separator-sludge trap with a treatment flow rate of 600 l/s.

Bureau Greisch, reprensentative of the joint venture, ensured the coordination of the whole of the studies and the follow-up of the works, divided into 4 consecutive distinct markets and 3 concomitant lots.