

Project

NMBS TRAIN STATION CANOPY

Architects

SAMYN ET ASSOCIÉS SPRL

Address

Leuven

Programme

The project for the covering of the railway station in Leuven (Belgium) is part of a global project for the renovation of the existing station and its surroundings.

The global project was developed within the guidelines of the Spatial Structure Plan of Flanders (Northern part of Belgium), a regional plan which defines the Leuven station as a first category station in the Flemish railway network.

About

The canopy was designed with respect to the scale of the neighbouring buildings. From the observation of the existing discontinuity between the surrounding townparts, its design aims to link both physically and symbolically the inner city of Leuven with the suburban town Kessel-Lo situated on the opposite side of the tracks, an intention also carried by the covered pedestrian bridge, and to bind together the new and existing parts of the global station project.

The composition seeks to offer maximum comfort for the travellers : sheltering from wind and rain, abundance of daylight, easy readability of the functions and of the numerous signs, acoustic absorption of the traffic noise, etc.

The recyclability, easy assembly and dismantlement of the components are carefully taken into account, alongwith their durability and easy maintenance.

In an ecological perspective, optimal use of the matter is sought in the structural principles in order to achieve load bearing with minimal dead weight.

The primary structure of the platform canopy rests on 25 tubular piles made of four inclined columns in the central part of the canopy, and three inclined columns on its perimeter where the loads are asymmetrical. The inclined columns meet at 7m13 above the level of the rails. The supports of the high voltage cables are attached to the piles at their junction.

Typology

Transport

Status

Built

Conception

1999

Delivery

2008

Area

14.622

chaussée de Waterloo 1537
1180 Bruxelles

Tél : 32 2 374 90 60
Fax : 32 2 374 75 50

sai@samynandpartners.be
www.samynandpartners.com

OTHER PROJECTS :

Euro Space Center, Galaxia
- 2007 2009
- Transinne (Libin)

Princess Elisabeth Polar Station
- 2007 2008
- 72°S 23°E, Antarctique

SEAT of the EUROPEAN COUNCIL and
the EU COUNCIL
- 2005 2013
- Brussels

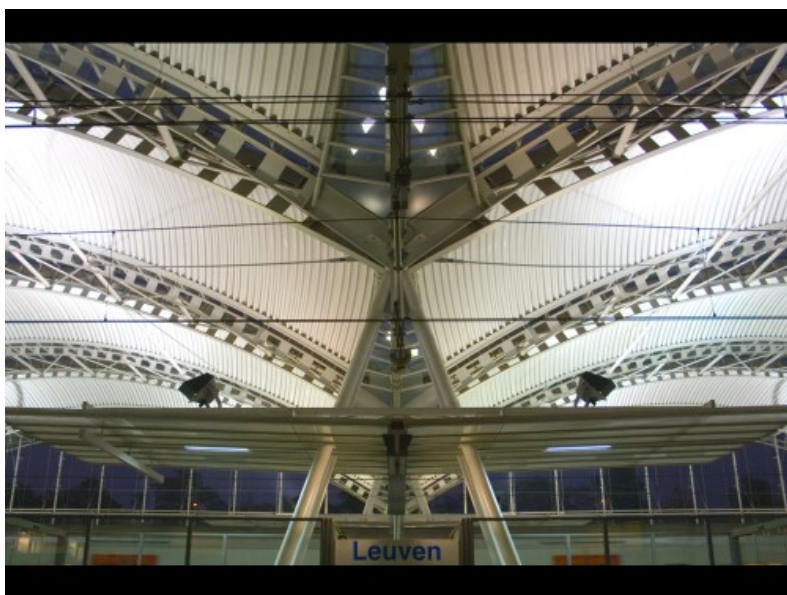
WALLOON BRANCH OF
REPRODUCTION FORESTRY MATERIAL
- 1992 1995
- Marche-en-Famenne



Project : Philippe SAMYN and PARTNERS PROJECT : Philippe SAMYN and PARTNERS Foto : Marie-Françoise PLISSART
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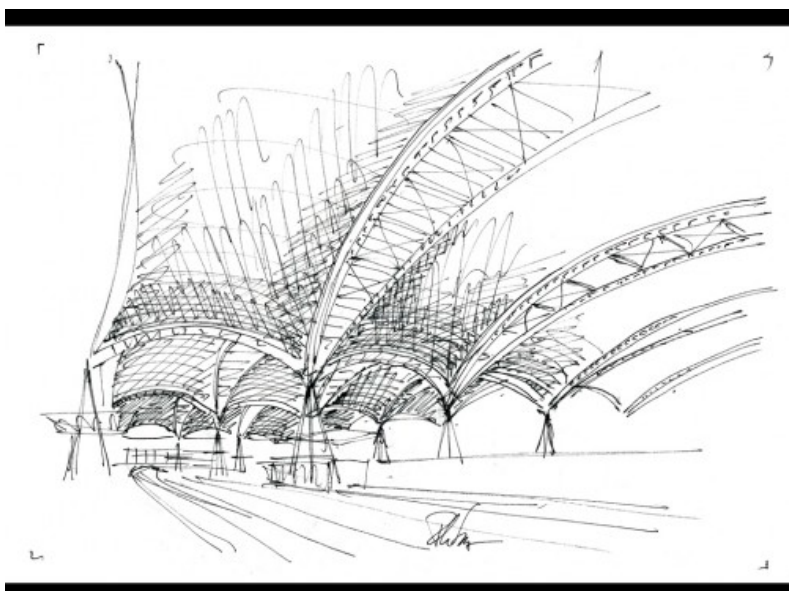
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