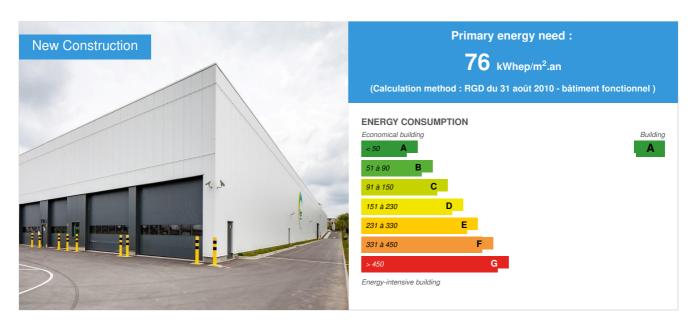


POST Luxembourg - Roost Logistics Center

by Mélanie De Lima / (₹) 2019-07-15 00:00:00 / Luxembourg / ⊚ 20895 / ▶ FR



Building Type: High office tower > 28m

Construction Year : 2017 Delivery year : 2019

Address 1 - street : Zone industrielle Klengbousbierg 7795 ROOST-BISSEN, Luxembourg

Climate zone: [Cfb] Marine Mild Winter, warm summer, no dry season.

Net Floor Area: 2 400 m²

Construction/refurbishment cost : 5 900 000 €

Cost/m2: 2458.33 €/m²

General information

The overall project involves the construction of a logistics center for the activities of Post Group Luxembourg's Service Technologies.

The scope of the project extends to the construction of an administrative building with logistics hall, covered parking and various storage areas, traffic and outdoor facilities.

See more details about this project

☐ http://www.jonas.lu/fr/Portfolio/Centre-Logistique-Post-Technologies-Roost

Data reliability

Assessor

Photo credit

@dengler.lu

Contractor

Name: Post Group Luxembourg
Contact: contact.group@post.lu

https://www.postgroup.lu

Construction Manager

Name: Rinnen Constructions Générales

Contact : info@rinnen.lu

thttps://www.rinnen.lu

Stakeholders

Function: Designer

JONAS Architectes Associés

info@jonas.lu

☑ https://www.jonasarchitectes.lu

Project author

Function: Thermal consultancy agency

Betic SA Ingénieurs Conseils

mail@betic.lu

CPE file

Architectural description

The global project provides for the construction of a Logistics Center for the activities of the Technologies Department of the Post Group Luxembourg. The scope of the project covers the construction of an administrative building with logistics hall, covered parking and various storage areas, traffic and outdoor facilities.

Approximate key data:

- Administrative building: gross volume: +/- 10,300 m³ (including the basement); floor space: +/- 1,550 m² including +/- 1,190 m² office space and conferences; floor area: +/- 540 m²; height: about15.00m;
- Parking places for direction and visitors in the area: about 17 locations;
- Meeting spaces, outdoor terraces and greenery
- $\ Hall Logistics: gross\ volume: +/-\ 70.000\ m^3; useful\ area: +/-\ 8.250\ m^2; floor\ area: +/-\ 6,200\ m^2; height: 10.00m^2; heig$
- Covered parking: about 100 locations including 8-10 locations with electric charging stations
- Airlibre storage and recycling area: approximately 1.680 m²

If you had to do it again?

Certainly

Energy

Energy consumption

Primary energy need: 76,00 kWhep/m².an

Primary energy need for standard building: 222,00 kWhep/m².an Calculation method: RGD du 31 août 2010 - bâtiment fonctionnel

Final Energy: 74,00 kWhef/m².an

Envelope performance

Renewables & systems

Systems

Heating system:

Urban network

Hot water system:

- Individual electric boiler
- Urban network

Cooling system:

- Water chiller
- Radiant ceiling
- Chilled Beam

Ventilation system :

Double flow heat exchanger

Renewable systems :

o Other, specify

Environmen^a

GHG emissions

GHG in use: 18,60 KgCO₂/m²/an

Water management

Consumption of harvested rainwater: 150,00 m³

Products

Product

Schüco FW50 +

Schüco

https://www.schueco.com

Product category: Table 'c21_spain.innov_category' doesn't exist SELECT one.innov_category AS current,two.innov_category AS parentFROM innov_category AS oneINNER JOIN innov_category AS two ON one.parent_id = two.idWHERE one.state=1AND one.id = '10'

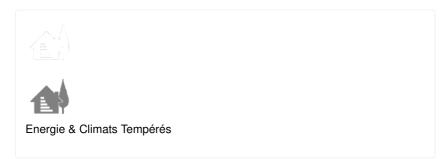


Building Environnemental Quality

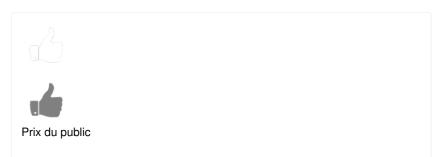
- acoustics
- comfort (visual, olfactive, thermal)
- energy efficiency

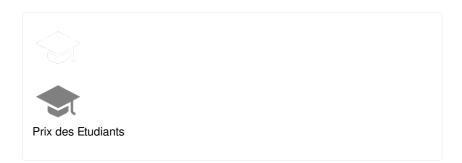
Contes

Building candidate in the category











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