


Delphi Genetics

by Céline Delaunois / 2015-06-24 16:13:20 / Belgique / 9803 / FR

New Construction



Primary energy need :
84 kWhep/m².an
(Calculation method : Other)

ENERGY CONSUMPTION

Economical building

< 50	A	Building	A
51 à 90	B		
91 à 150	C		
151 à 230	D		
231 à 330	E		
331 à 450	F		
> 450	G		

Energy-intensive building

Building Type : Office building < 28m
Construction Year : 2012
Delivery year : 2012
Address 1 - street : Rue Antoine de Saint-Exupéry, 5 6041 CHARLEROI, Belgique
Climate zone : [Dfb] Humid Continental Mild Summer, Wet All Year

Net Floor Area : 1 297 m² SHON
Construction/refurbishment cost : 2 500 000 €
Cost/m2 : 1927.53 €/m²

Proposed by :



General information

See more details about this project

http://www.r2d2architecture.be/Projects_207_Delphi/tabid/71/Default.aspx?projid=10&order=1&sortorder=0

Data reliability

Assessor

Stakeholders

Stakeholders

Function : Contractor

Delphi genetics

<http://www.delphigenetics.com>

Function : Designer

R2D2 architecture

Szpirer Vincent

<http://www.r2d2architecture.be>

Function : Structures calculist

Matriche

<http://www.matriche.net>

Energy

Energy consumption

Primary energy need : 84,00 kWhep/m².an

Primary energy need for standard building : 120,00 kWhep/m².an

Calculation method : Other

Envelope performance

Envelope U-Value : 0,22 W.m⁻².K⁻¹

Building Compactness Coefficient : 0,44

Indicator : n50

Air Tightness Value : 0,60

Renewables & systems

Systems

Heating system :

- Heat pump

Hot water system :

- Heat pump

Cooling system :

- Reversible heat pump

Ventilation system :

- Double flow heat exchanger

Renewable systems :

- No renewable energy systems

Products

Product

Gutmann

ph.justin@fabribois.be

<http://www.gutmann.de>

Product category : Second œuvre / Menuiseries extérieures

Sto

info.be@sto.com

<http://www.sto.be>

Product category : Second œuvre / Cloisons, isolation



Costs

Contest

Building candidate in the category

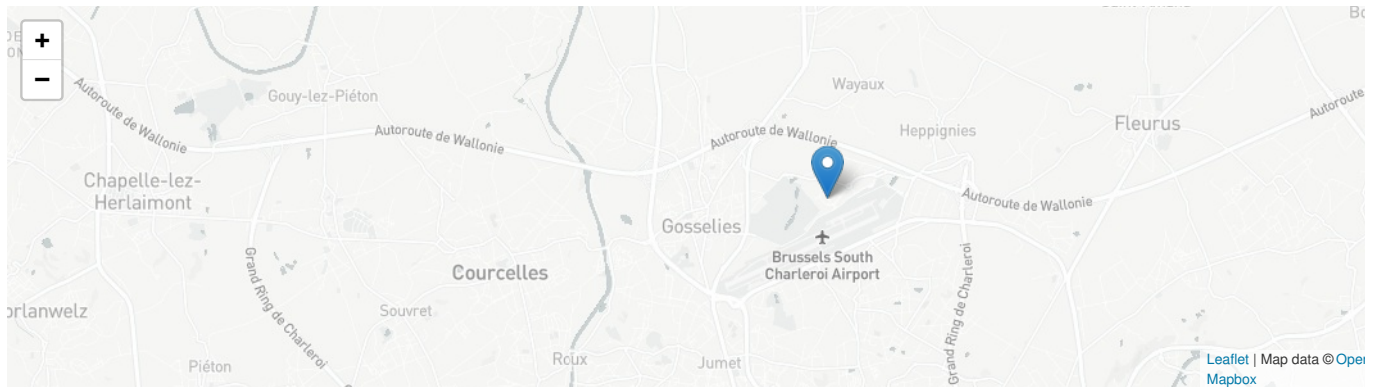


Smart Buildings



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