

*free minds*  
**Bellapart**  
construction

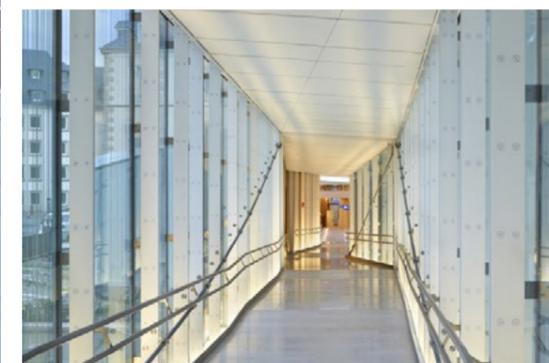
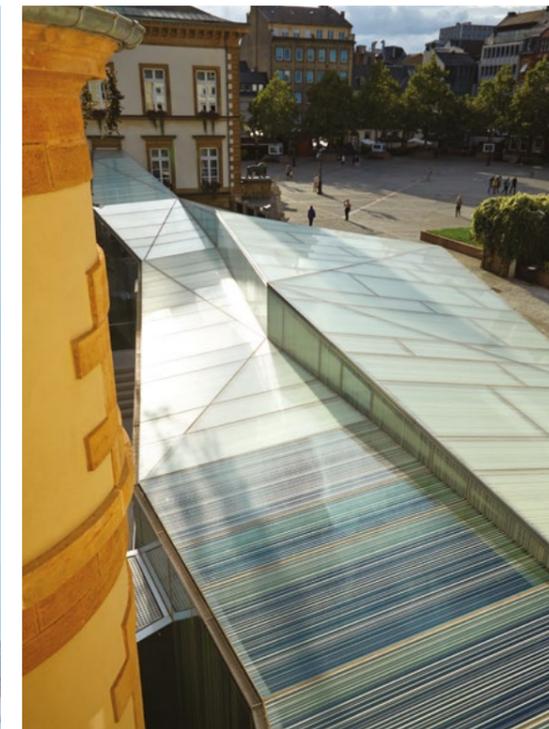


Footbridge, Centre Guillaume II, Luxembourg

*free minds*  
**Bellapart**  
construction

Bellapart, S.A.U. Edifici Free Minds  
Ctra. de la Parcel·lària, 32 - 17178 Les Preses  
(Catalonia) Spain T. + 34 972 27 50 01  
[www.bellapart.com](http://www.bellapart.com) [bellapart@bellapart.com](mailto:bellapart@bellapart.com)





## FOOTBRIDGE, CENTRE GUILLAUME II

On the 30th of January 2014, the new footbridge that connects the two buildings of Luxembourg City Hall was inaugurated by the Prime Minister of Luxembourg, Xavier Bettel and the Bourgmestre Lydie Polfer.

The light steel structure of the bridge is approximately 32 metres long. The glass bridge has an articulated connection at the City Hall in order to avoid any damage or additional loads to the historical building; two cables transmit the bridge load into the other side which is fixed to concrete.

Bellapart's engineers carefully developed a precise protocol to erect the bridge. All the components of the bridge were designed and fabricated in Bellapart's workshop and then transported to Luxembourg. The bridge base structure was transported and installed in one piece with a total weight of 40 tonnes and approximately 32m long!

During the installation, large counterweights were used to create a calculated camber of the footbridge structure. These were removed as additional superstructure and building fabric was installed on the bridge deck and ensured that the glass panels

fitted perfectly to the structure with minimal joints due to the very small tolerances.

Alongside the footbridge, Bellapart has built a luxury wedding salon, the main entrance hall of the building and a reception desk that doesn't pass unnoticed.

The sides of the footbridge, the wedding salon and the roof, have been constructed with screen printed insulating glass panels. The inside part of the roof is lined with timber. The lower face of the footbridge as well as the wedding room are clad with stainless steel composite panels.

In the adjacent building annex to the City Hall Bellapart has designed two large glass roofs that positively contrast with the historic renovated building and light up four floors.

**Client**  
Ville de Luxembourg

**Architect**  
Steinmetzdemeyer

**Engineer**  
Ney & Partners

**Project & Construction manager**  
Inca Ingénieurs Conseils Associés

**Design & Construction**  
Bellapart, S.A.U.