

# Fondation Louis Vuitton pour la Création

Jardin d'acclimatation, avenue du Mahatma Gandhi, Paris (FR)



**Mission: Construction studies for the glass canopies. Verification of the steel and timber frames and of the glazing, static and dynamic studies of wind effects, structural fire resistance analysis, design of the structural nodes, study for assembly and phased construction.**

Owner  
Fondation Louis Vuitton pour la  
Création

Architect  
Gehry Partners

Cost of the works  
Confidential

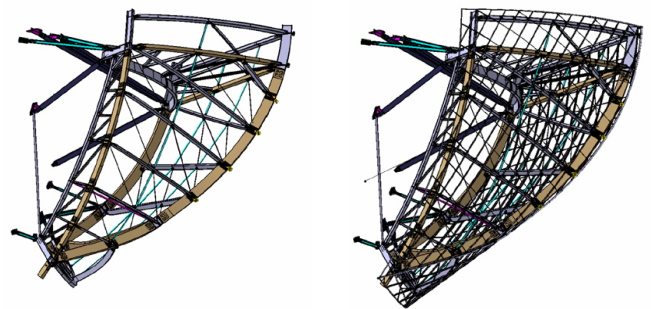
Studies  
2009 - 2013

Execution  
2009 - 2013



Construction of a museum. The building houses the Louis Vuitton foundation. With an outstanding design, it is one of the most striking contemporary buildings in Paris. It houses mainly galleries, an auditorium and office support.

The building is wrapped in veils of glass (the "canopies"), with curves and variable geometry, with an area of 13,700 m<sup>2</sup>, crucial for its architectural appearance. Some of them are used to protect the terraces against atmospheric disturbances (rain, wind, snow). As second function, these canopies reduce solar radiation on the building. These canopies are large bodies very offset from the building, supported and stabilized by a set of wooden or steel pillars (the "tripods") and cables, of varying slopes and lengths. The structure of these roofs is a combination of laminated wood beams and metal profiles.



The skin of glass veils is made of quadrangular curved panels, despite the absence of geometric replication.