

Le Phare (The Lighthouse)

Multi-purpose venue for up to 6,000 people.

CLIENT

Chambéry Métropole

TEAM

Patriarche Group:

Patriarche (architecture, interior design, Environmental Building Quality [EBQ], and BIM)
Patriarche Ingénierie (general construction and cost assessment)
Patriarche Creative (signage)

Partners

Arcora, GECC-AICC, Plantier, Rioualec, Echologos, and Les Eclaireurs

KEYPOINTS

Scalability and modularity.
Free flowing movement.
People flow management.
Durable materials.

ENVIRONMENTAL PERFORMANCE

Natural ventilation via glass roof.
Solar thermal production.
Photovoltaic collectors.
Geothermal energy using groundwater (water at 8°C): free-cooling.

The multi-purpose venue, which opened in January 2009, comprises a 6,000-seat space for sports events, cultural events and conferences, as well as a smaller 500-seat hall.

The functional elements of the building are specifically designed for a circular base. Designed as a glass ring encircling an elliptical shell, the lighthouse is a statement landmark building in the landscape. Large and geometric in design, the building then becomes an essential focal point for the regeneration of a mixed urban fabric.

Beyond the urban design context, the building is an efficient tool adapted to a complex programme. Designed with the idea that technology should disappear into the background, in favour of form and transparency, the building can be enjoyed from both inside and outside.

Typology
Sport, culture, Facilities, and graphic design

Surface area
20,440 m² of floorspace

Construction cost
35.3 M€

Location
Chambéry, France

Status
Delivered 2008

Allocation mode
Public Works Management





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