

Palasport Parma Parma, Emilia-Romagna, Italy

CLIENT: City of Parma

PROJECT: with SPLIT+

Sport arena, 6300 Seats, Bar lounge, VIP rooms, Press conference room, Sport museum, Meeting room, Offices, 3 Gyms and Fitness centre.

WORK CARRIED OUT:

Concept

BUILD UP AREA: 2894 m²

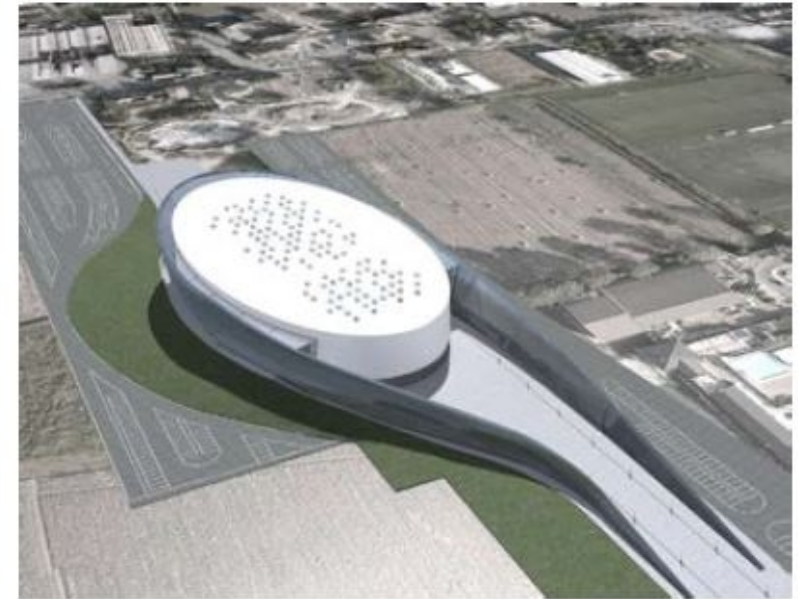
OVERALL PROJECT VALUE:

€ 19 Millions

DATA AND LOCATION:

2010 Parma, Emilia-Romagna, Italy.

PROJECT PHASE: Final approval from local authorities



The whole architectural composition is the result of a complex process of iteration, which aims to mediate between the constraints imposed by the plant-floor plan of distribution and the need for proper integration into the urban sector assigned. This foreword led to a formal and balanced architectonic object. The building is an elliptical plant cylinder cracked at the two short corners to allow access and facades on the first floor, fully glazed from floor to ceiling. The oval roof is held in place with a steel trusses structure that

spans over 110 m of clearance at 21 m above the playground.

The oval section, slightly sloping, helps to give dynamism to a building of considerable mass.

Leaving from the main volume an enveloping metallic wall generates an enclosed space, a square that is also an invitation to the entrance area. The main front, in the top, comes off the main curved body and displays instantly with elegance and efficiency the access point system.

The space organization externally the arena is set following the most efficient possible logical distribution .

The bearing structure is conceived to be as simple as possible, a set of frameworks made by prestressed reinforced concrete support the steel roof beams. Each beam in terms is accurately calculate in size according to the clearance and load has to perform. On top of the structures are located layers of insulation and sound insulation.

Coverage is provided completely coated

with aluminum sheets. All external surfaces of masonry or reinforced concrete walls, external walls placed along the walkways, the retaining walls are coated sheet steel or plastic laminated elements that ensure easy maintainability of the curtain, easy cleaning and a high resistance to weathering.

The ground floor includes: three training gyms, five dressing rooms and one local infirmary. In the upper floors are located: the grandstands, ten offices, two simmetrical bars and an extra training gym.

