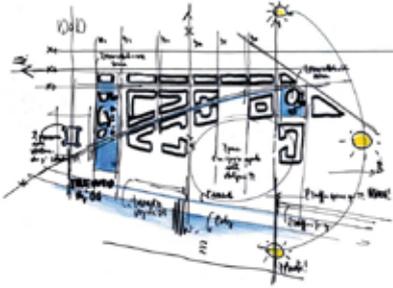


2002 - in progress

MUSE and “Le Albere” area

Trento, Italy



The Quartiere delle Albere district, the site of a former Michelin factory, is now a new part of the city of Trento. This transformed post-industrial brownfield site now shares many characteristics with Trento’s urban fabric – the clear hierarchy of the design, its functional stratification and an overall similarity in the size of buildings and materials used for their construction. This urban renewal project has reconnected the city to its natural context, which in Trento is defined by the nearby Adige River and Monte Bondone. This new district, for a long time physically separated from the city centre by the railway, now feels psychologically closer. Quartiere delle Albere is home to MuSe, the new Science Museum, serving to reinforce the cultural identity of this area of Trento.

Client

Castello Sgr S.p.A.

Renzo Piano Building Workshop, architects

Design team

S.Scarabicchi, D.Vespier (partner and associate in charge), with A.Bonenberg, T.Degryse, E.Donadel, V.Grassi, F.Kaufmann, G.Longoni, M.Menardo, M.Orlandi, P.Pelanda, D.Piano, S.Polotti, S.Russo, L.Soprani, G.Traverso, D.Trovato, C.Zaccaria and C.Araya, O.Gonzales Martinez, Y.Kabasawa, S.Picariello, S.Rota, H.Tanabe; S.D’Atri (CAD operator); F.Cappellini, A.Malgeri, A.Marazzi, S.Rossi, F.Terranova (models)

Consultants

Favero & Milan (structure); Manens Intertecnica (building services); Associazione PAEA (energy); Müller BBM (acoustics); Dia Servizi (cost consultant); M.Vuillermin (hydrogeotechnical studies); A.I.A. Engineering (roads and associated infrastructure); Ingegneri Consulenti Associati (sewerage networks); GAE Engineering (fire prevention cost consultant); Atelier Corajoud-Salliot-Taborda, E.Skabar (landscape); Tekne (cost and specification consultant); Twice/Iure (project co-ordination)

The boundaries of the new district, which covers an area of 116,300 sq m, are clearly defined by the Adige River to the west and the railway to the east. The northern edge borders the Palazzo delle Albere, a renaissance villa-cum-fortress. The project called for a mixed development so that the area could be, in and of itself, self-contained with all the services and functions that implies. The new buildings have a clear and unified horizontal impact on a similar scale to those in Trento’s historical centre and are located on the eastern side of the huge site, leaving the western part open for a new public park facing the river. The buildings are interspersed with green areas and waterways, a system of canals that crosses over the entire area and actively connects it with the river and natural landscape.

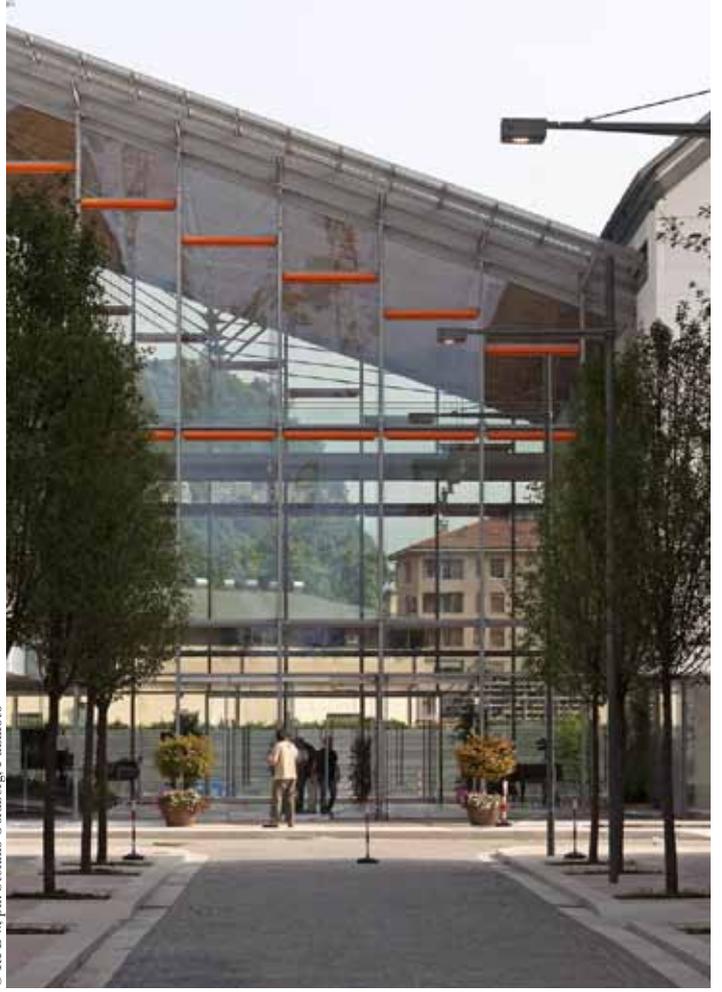
The layout of the commercial buildings is linear and their ‘green’ facades become something of a natural screen hiding the tracks along which they are, to a large degree, lined up. The residential buildings have open courtyards that have been cut into them so that glimpses of the internal treed gardens can be seen from the outside. The buildings are four to five storeys high and their zinc roofs give the neighbourhood a certain visual unity. A taller building stands on either side of the complex: a multipurpose building to the south and MuSe – a large interactive science museum - on the northern end. The museum acts as the project’s magnet and, together with the Palazzo delle Albere (today the Modern and Contemporary Art Museum), attracts the public and confirms the revitalized area’s vocation for culture and recreation. The layout of the urban plan placed these two buildings as its main anchors, surrounded by water and connected to one another by the two main pathways: one is a straight footpath along the east and the other a curved one along a canal that serves to connect the buildings to the park.

The regeneration of the Quartiere delle Albere project had sustainability as an integral part of the design. The buildings use little energy with the extensive use of renewable resources. MuSe has been given LEED Gold certification, and all of the residences and offices have a level B CasaClima classification. They were among the winners of the 2013 CasaClima Awards.

Ph. Enrico Cano



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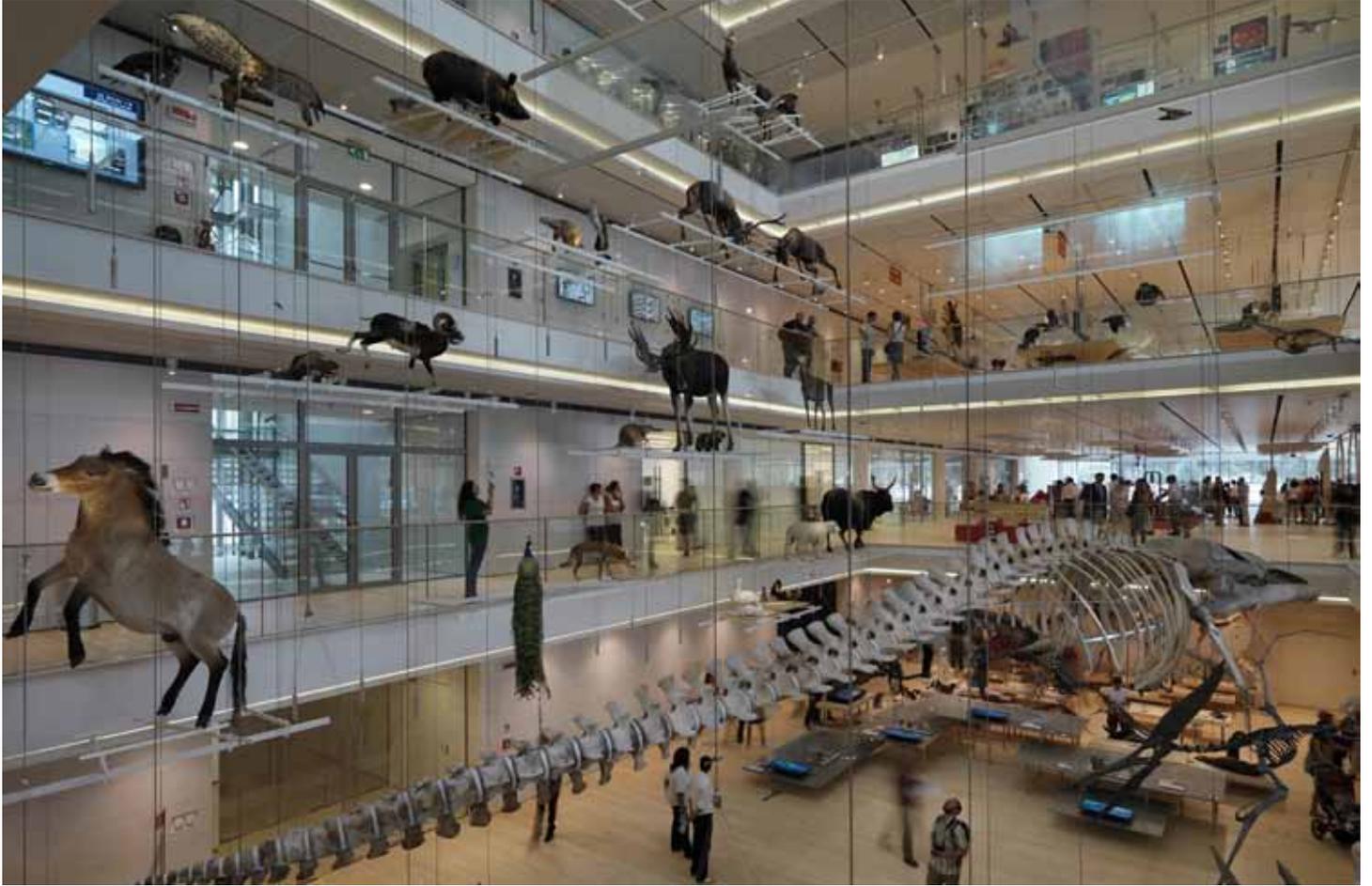
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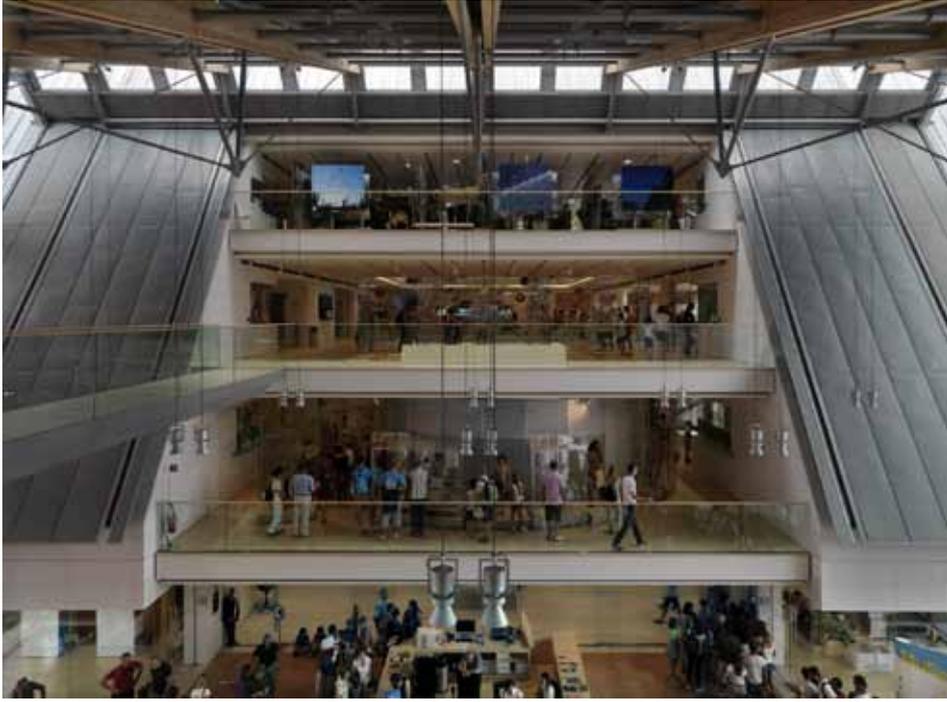
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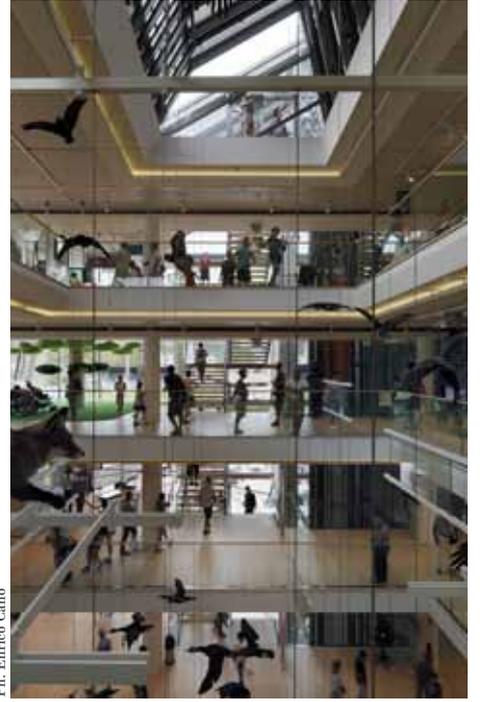
Ph. Enrico Cano



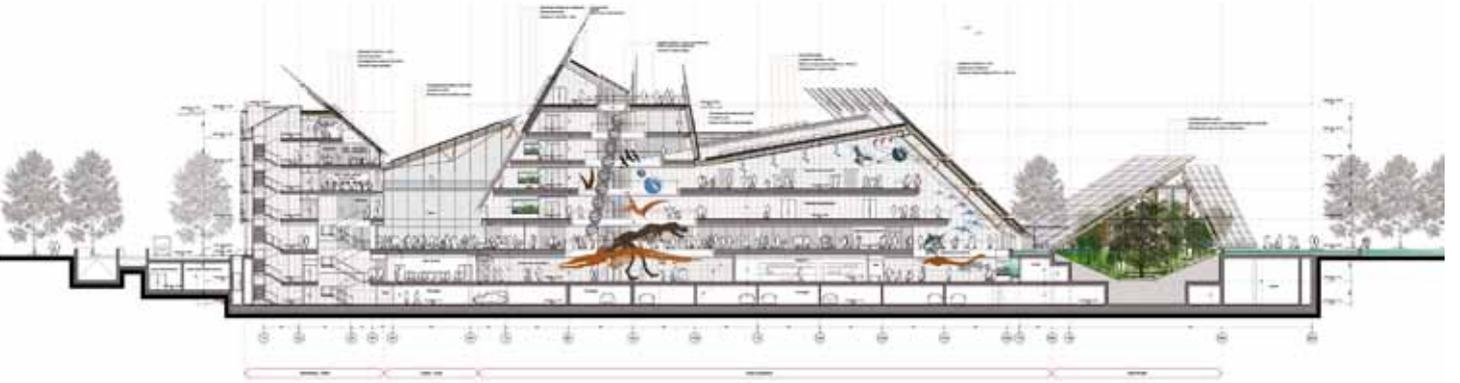
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