



Turó de la Peira Sports Center

Barcelona, Spain, 2014-2019

Anna Noguera + Javier Fernández

Architects. Design Studio

Anna Noguera + Javier Fernández. Barcelona

Consultants

Dídac Dalmau (Architectural Engineer), Manel Fernández, Ton Coll (Bernuz Fernández SLP, Structures), Carles Rubio, Javier López, Lara Ferrer, Marc Busquets (Project Managers), Anna Zahonero, Pepa Morán, Víctor Adorno (Landscape), Xavier Saltó (Caba Sostenibilitat, Sustainability, Energy Strategy & Engineer), Micheel Wassouf (Energiehaus), Oliver Style (Progetic, Energy Sustainability & Simulations), Susaeta Iluminación (Lighting Designer), Salvador Segura, Cristina Carmona (Ardèvol Consultors Associats, Quantity surveyors)

Developers

BIMSA. Ajuntament de Barcelona
Institut Barcelona Esports (IBE)

Contractor

Ferrovial Agroman, Construcciones Deco

Environmental Certificate

LEED platinum certificate

Start and Completion Year

2014 (Competition), 2016-2019

Gross Area

4 430 m²

Sustainable Systems and materials

urban generation, renewable energy

Photography

Eric Duch

Expert committee. Outstanding Qualities

The scientific committee summarizes main issues as: «Urban regeneration with green infrastructure, Passive and bioclimatic architecture, 100% PEFC-certified prefabricated timber structure, Hydroponic cultivation and rainwater reuse, Photovoltaic renewable energy production » and the following extracts from the report provided by the architects: «PASIVE ARCHITECTURE. The compact and embedded volume in the ground bridging the difference in level between the two streets and minimizes the façade surface avoiding thermal losses. The climatic conditioning and ventilation of the court takes place exclusively with natural systems. 24 skylights and lateral windows monitored by sensors, ensure proper cross-ventilation and lighting. »

Website studio and work (link)

<https://annanoguera.com/proyecto/jardi-turo-peira/>

IG @anna.noguera.arquitectura

Vimeo Links:

Executive Production: Arquitectura Anna Noguera. Directed And Edited By: Miguel Alcalde
Photography: Daniel Martínez

<https://vimeo.com/350209835/d7d0405a9f>