

Sports facilities





Extensive experience

in sports facilities

FCC Construcción has completed some major sports infrastructure projects throughout Spain. The developed sports facilities have required a high degree of technical specialization, due to the unique requirements of each individual facility.

We have designed innovative solutions that together with the capabilities of the FCC project teams and equipment have overcome the unique challenges of such projects.

The company has built more than 25 sports facilities that host sports disciplines such as football, tennis, motorcycle racing and athletics.

FCC Construcción is a benchmark in the construction of sports infrastructures.



Madrid, Spain

Metropolitano

Stadium



Cruz and Ortiz



68,000 spectators



Best stadium in the world
2018 (Industrial Awards)

The project included the construction of a modern and functional stadium as well as the corporate offices of the Atlético Madrid football club. The stadium's 68,000 capacity seating is distributed amongst the grand stands, boxes, and VIP areas. There are 1,000 indoor parking spaces and 3,000 outdoor.

The iconic roof made of a modern steel structure, tensioned with radial cables with a membrane is a standout feature for the structure.



Barcelona, Spain

RCD Espanyol

Stadium



Esteban Gasulla and Mark Fenwick



40,000 spectators



Stadium Bussines Award
2010 for the best installation
in world sport of the year

The project included the construction of stadium, the corporate club offices, a club museum, 250 parking spaces. Additionally the stadium is connected with the training enclosures and the Cornellá field.



Madrid, Spain

Santiago Bernabéu

Stadium



GMP- L35 – Ribas &
Ribas



81,044 spectators



Stadium cataloged by UEFA
with the highest distinction,
«Elite stadium»

The comprehensive renovation of the Santiago Bernabéu Stadium consists of the design and execution of a stadium that is more than 75 years old and converting it into a multipurpose venue with the latest technologies.

This reform has been a milestone in structural engineering and modern architecture, standing out for its technical approach and its innovative conception of the sports infrastructure business model.



Barcelona, Spain

Nou Camp

Stadium



Francesc Mitjans, Josep Soteras, Lorenzo García-Barbón



99,354 spectators



Stadium cataloged by UEFA with the highest distinction, «Elite stadium»

FCC extended the underground parking, constructed the football museum and the entrance hall to the Football Museum Club Barcelona. FCC also built new fan boxes as well as parking in the side tier to the stadium. The sports facility remained operational throughout the works.



Madrid, Spain

Palacio de los Deportes



Hermoso y Huidobro



15,500 spectators

The *Palacio de los Deportes* occupies a surface area of 82,000 square meters.

It is equipped with telescopic bleachers and dividing curtains that allow different configurations with various capacities depending on the event.



Murcia, Spain

Nueva Condomina Stadium



López - Amor architects



31,175 spectators



Listed as a five star stadium
by UEFA

The stadium is arranged in tiers: one covered upper tier and an uncovered lower tier. The new stadium is built in accordance with the established UEFA and FIFA standards in order to host international competitions.



Cádiz, Spain

Ramón de Carranza

Stadium



Manuel Muñoz Monasterio,
Manuel Fernández Pujol



25,033 spectators

The construction was carried out in stages around the old stadium, which was kept in use during all phases of the work.



Barcelona, Spain

Sport City Joan Gamper



Enric Batlle and Joan Roig



9 soccer fields, one
goalkeeper training facility
and a sports pavilion

FCC built the new sport city buildings. Systems were designed to improve energy efficiency promoting carbon dioxide emissions reductions throughout the project and the stadiums operating life.



Sport City Real Madrid



Lamela architects



Training facilities, 12 football fields, Alfredo Di Stéfano Stadium, twelve dedicated residents for student players and first team members.

FCC completed construction of the new Real Madrid, Sports City in Valdebebas (Madrid). The new complex has the most modern renewable energy facilities and accessibility features in all its facilities.

Madrid Arena

Installations



Lasso Studio architects



12,500 spectators



World record retractable roof

FCC built the sports pavilion Madrid Arena, a partially buried oval building. One of the building's unique features is the bicycle wheel cover formed by an outer reinforced concrete ring and a structural steel inner ring.



Reyno de Navarra Arena Pavilion



TYM Associates Architect



10,000 spectators



Sustainable characteristics

Multifunctional space created to house more than 10,000 spectators under cover. It has a 3,000 square meter central court, an auxiliary court for shows and sports use, a pediment, an office area as well as various auxiliary spaces and offices.



Madrid, Spain

The Caja Mágica



Dominique Perrault



12,442 spectators



Unique retractable cover

This sports complex is one of the most unique and significant buildings of the world's sports architecture. The Caja Mágica houses three tracks with mobile covers installed from ground whipped.

Indoor tennis houses eleven indoor courts of smaller size.

WE ARE FCC



More than 1,000 kilometers of tunnels



More than 10,000 kilometers of highways



More than 3,500 kilometers of railways (1,500 kilometers of high speed and 450 kilometers of metro)



More than 5,500,000 square meters of airport runways



More than 2,500,000 square meters of airport terminals



60 kilometers of dykes and 50 kilometers of docks



130,000 homes built
More than 40 million square meters of non-residential building



More than 3,000 kilometers of gas and oil pipelines



More than 20,000 kilometers of water pipe



More than 110 water treatment plants



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