ARCHITECTURE

SPORTS

IDOM

IDOM

INDEPENDENT PROFESSIONAL SERVICES

In recent years, the organisational transformation and geographical expansion of IDOM has been of such magnitude that today we can say that we are truly a global firm.

45

Offices

Projects in

125

Countries

3,500

People

over

830

Partners

ARCHITECTURE & BUILDING SERVICES

ARCHITECTURE & BUILDING SERVICES

In-house technical specialists, nationally and internationally recognised in competitions and completed construction works.

ARCHITECTURE TYPOLOGIES

Transport
Sport
Residential
Technological
Master Plan
Corporate Offices
Healthcare
Cultural
Educational
Hospitality

SPECIALIZED TEAM

Architecture
Interior Design
Mechanical Engineering
Electrical Engineering
Structural & Civil Engineering
Environmental Engineering
Geotechnical Engineering
Cost Engineering
H&S and CDM Coordination
Fire Engineering
Traffic Engineering
Acoustic engineering
Telecommunications & Audiovisuals
Graphic Design
Wayfinding Design
Special Equipment (scoreboards, screens etc.)
Construction and Logistic Advisor
Legal Advisor
Project Management
Construction Management
Site Supervision

San Mamés Stadium

Salburúa
Civic Center

San Mamés Stadium

Xátiva Sports City

IDOM SPORT

Idom's expertise and capacity provide the right professional services to cater to our clients' every need in the field of Sport, whether it be dealing with the challenges of large stadia and arenas or creating spaces for the everyday practice of sports. Thus far, we are proud of having achieved the highest standards in quality, functionality and ergonomics through the use of architectural principles and the available technology.

Providing modern designs to encourage a healthier lifestyle, promoting a team spirit environment, display the energy of a sport-loving society and delivering the highest image in architectural quality for all visitors.

A multidisciplinary approach in design that lies at the heart of our day-to-day activities. We put together teams that combine professionals with the key skills required to provide an integrated design service. We find that this results in a better end product; delivered in an efficient manner. In order to ensure that our client receives a design of the highest quality, consideration must be given to the comprehensive coordination between architecture, engineering and the environment.

Idom's background is founded on strong engineering values, that are integrated into our architectural design philosophy. Our team members are particularly sensitive to have every project achieve a comprehensive coordination by implementing our international experience and working procedures.

SPORTS ARCHITECTURE

Sport has become a driving force in our modern society. Today, the passion for one's team and the inspiring human achievements in sports can be seen through a powerful global media coverage. Values such as mutual understanding and a spirit of friendship, solidarity and fair play have been spread worldwide. These ingredients are reflected in society by an increasing demand for a healthier lifestyle, encouraging team values and fair competition.

Idom's strength lies in the holistic manner in which it understands any sports project, by using a methodology combining avant-garde design and technical development to ensure that economic goals are met and successfully fulfilling the necessary quality and time frames. Our teams' have the ability to instill simple and effective architectural treatments to façades and interior spaces, even combining the use of prefabricated elements to provide stunning solutions to all our projects.

We meet the ever increasing demands of large stadium facilities as far as hospitality and global media interest goes, as well as the requirements in terms of accessibility, evacuation and access control. Careful consideration of a stadium's acoustics ensures a unique intense atmosphere responding the vibrant events that take place in these facilities.

Bilbao Arena

THE HUGE SUCCESS OF IDOM'S SPORTS PROJECTS IS THE RESULT OF OUR INTEGRATED APPROACH TO ARCHITECTURE, ENGINEERING AND CONSULTING

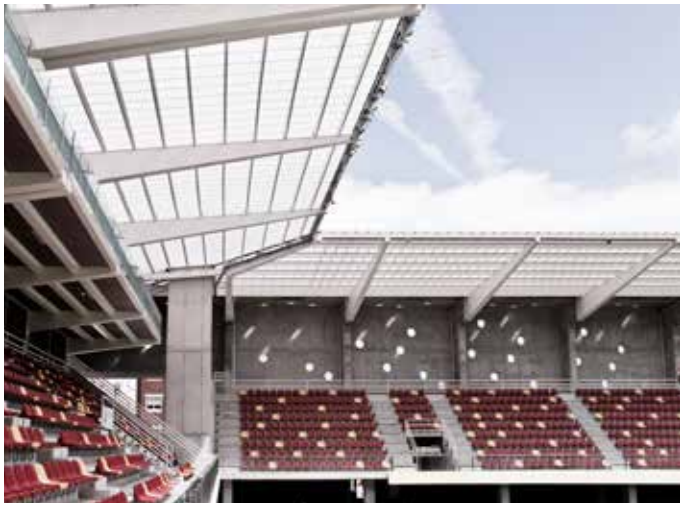
Vizcaya School
Swimming pool

Helios
Swimming Center

Idom has been involved in the construction of a number of sports buildings, ranging from Stadiums and Arenas, different urban scale and macro-social impact spaces, to several public sports leisure and swimming pool facilities, to harness the talent of the upcoming sporting generation. Every project is tailored to our client's requirements, without resorting to the architectural clichés used in the design of this type of buildings.

This is achieved with Idom's personal involvement in getting to know our client first-hand, in order to adapt each and every space to the desired style and real needs of the facility users. There are countless examples and publications in the world of Sports architecture, however Idom's added value consists in not just being aware of the current mainstream theories that exist, but in implementing them whilst grasping the real conditions of each specific client and use its extensive expertise, technical knowhow and modern architectural vision to benefit the end users.

Ibaondo
Civic Center



Pasarón Stadium

Sports & Leisure Center

PROFESSIONAL SERVICES

Feasibility & Briefing Stage

- Strategic Brief Development
- Licensing & Permission Assessment
- Facility Outline Design
- Outline Cost Assessment

Design Stages

- Architecture & Building
- Interior Design
- Graphic Design
- Wayfinding Design
- Urban Design and Masterplanning
- Pedestrian Traffic Analysis
- Environmental Studies
- Facility Concept Design
- Facility Detailed Design
- Construction Phasing & Delivery
- Cost Estimate

Procurement Stage

- Procurement & Contract Advice
- Preparation of Tender Documents
- Tender Evaluation

Demolition & Construction Stages

- Technical Design Support
- Site Supervision
- Cost Control
- Testing & Commissioning

IDOM HAS A SPORTS STRATEGIC BUSINESS UNIT, WHICH OFFERS PROFESSIONAL SERVICES IN THE FIELDS OF ARCHITECTURE, ENGINEERING AND CONSULTANCY SERVICES

Bakio Sports Center

SAN MAMÉS SPORTS CENTER
POLIDEPORTIVO SAN MAMÉS
BILBAO ARENA
SPORTS & LEISURE CENTER LANGREO
SALBURUA CIVIC CENTER
NEW CAMP NOU
ESPAI BARÇA
DWARKA ARENA
BIZKAIA ARENA
XÁTIVA SPORTS CITY
CLUB LEON STADIUM
SPORTS AREA AND ARENA BUILDING (UDEM)
IBAIONDO CIVIC CENTER
EVERTON WALTON HALL PARK STADIUM
BRISTOL ARENA
VIZCAYA SCHOOL SWIMMING POOL
ASPIRE SPORTS CITY MASTERPLAN
BAKIO SPORTS CENTER
MASTERPLAN FOR REAL BETIS BALOMPIE'S TRAINING CENTRE
ESTADI CIUTAT DE VALENCIA
5TH PRECINCT STADIUM
4TH PRECINCT STADIUM
PALAIS DES SPORT ALGER
HELIOS SWIMMING CENTER
JIANGSU SUNING FC STADIUM
FOOTBALL STADIUM IN GUANGZHOU
NEW WATER & LEISURE FACILITY COVENTRY
PASARÓN STADIUM
NEW MESTALLA
ZORROZA SPORTS CENTER
DFB-AKADEMIE
COLUMBUS CREW STADIUM
SÁNCHEZ-PIZJUÁN STADIUM
FC BARCELONA MINI ESTADI
PAU GASOL SPORTS CENTER
FOOTBALL STADIUM ALCALÁ DE GUADAIRA
LUSAIL STADIUM
GOLF COURSES
ROWING CANAL FOR MADRID 2016
GOBELA SPORTS CENTER
PINOSOLO SPORTS CENTER
IURRETA SPORTS CENTER
MEDELLIN VELODROME
NOU MOLES SPORTS CENTER
NAVARRA ARENA
DERBY ARENA

SAN MAMÉS STADIUM

VISIT OUR WEBSITE www.bilbaostadium.com

PHASES

The project was affected by two complex urban constraints:

1. The available land next to the old stadium was not large enough for a new development.

2. Athletic Club's specific requirement was to remain in its historical central location. The design solution solved both issues, using the available adjacent land and the site occupied by the old stadium, with a phased demolition and construction programme, made it unnecessary for the club to relocate for any of its home matches.

DESIGN

The new stadium completes part of the city's urban fabric, giving it an imposing presence overlooking the river, one of the pillars of Bilbao's urban development. The innovative design of the New San Mamés focuses on creating a unique intense atmosphere, shortening the distance between the fans and the pitch and the careful consideration given to the stadium's interior acoustics. The dynamic LED lighting system provides an enormous range of possibilities to illuminate the stadium depending on the event being held. The system can switch the colour of the white ETFE panels on the façade to exciting combination of colours and shapes.

RECOGNITIONS

Best Structural Engineering Project 2017, Long Span Structures, Institution of Structural Engineers, London, United Kingdom

Best Stadium 2017, World Football Summit Industry Awards, Madrid, Spain

Best Structural Design, Façade and Roofing category, ACHE 2017, Madrid, Spain

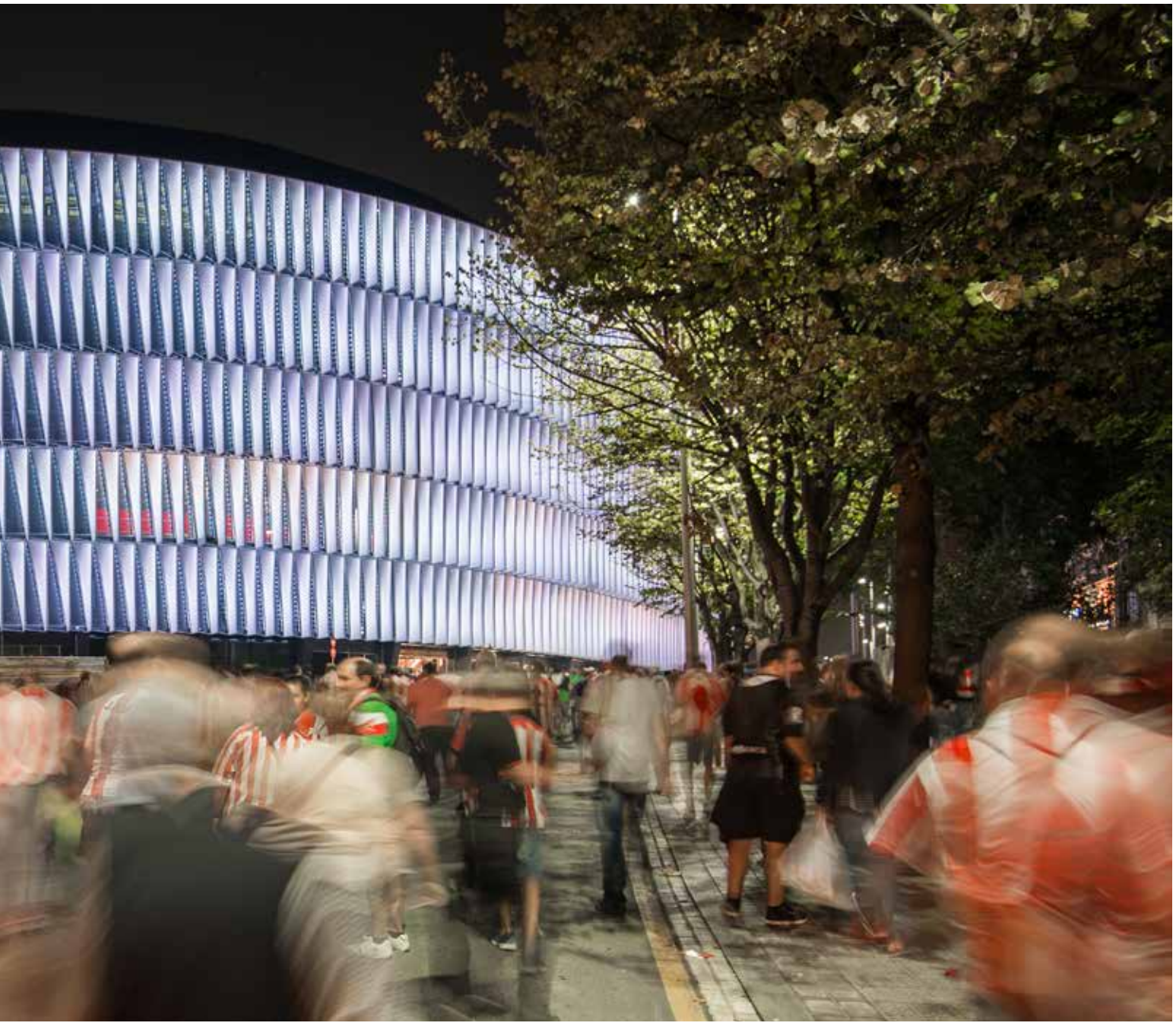
World Architecture News - Sport in Architecture Awards 2017 – Shortlisted as Finalist. London, United Kingdom

Building of the Year, Sport Category, WAF World Architecture Festival 2015, Singapore.

Second Place on the public voting for Stadium of the Year Awards 2015 by stadia website Stadium DB

Stadium of the Year 2015 at the World Stadium Congress Awards, Qatar

Finalist at the VI edition of TheStadiumBusiness Awards, New Venue Award category, 2014

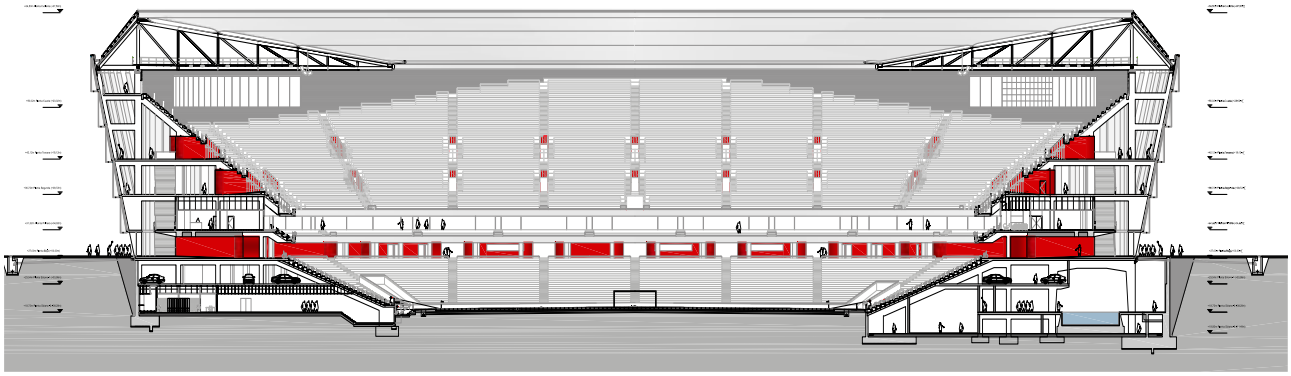


SCOPE

- Architecture, Structure and MEP engineering projects.
- Integrated Project & Construction Management.
- Interior design, Graphic design and Wayfinding design.
- First LEED Certified stadium outside the United States

THE STADIUM HAS BEEN CLASSIFIED AS "ELITE", THE HIGHEST UEFA RATING, AND WILL BE ONE OF THE EURO 2020 VENUES.


ATHLETIC CLUB



GLOBAL REFERENCE

The design in terms of comfort, security, and accessibility has resulted in the UEFA classifying the stadium as ELITE, the maximum rating and a requirement for hosting major football events, such as the finals of national and international competitions.

The careful attention given to access and circulation, the safety and comfort features, and fitting the stadium into Bilbao's urban fabric, are just some of the reasons behind UEFA considering San Mamés to be a reference stadium in Europe. San Mamés has been selected by UEFA to host several of the Euro 2020 matches.

As part of the new Athletic Club stadium's commitment to society, public spaces have been designed under the East stand. These spaces can house sports amenities such as swimming pools, gyms and a speed track, thus contributing to regenerate this area of the city. The official Athletic Club store and planned Club Museum have been located in the square to the North of the stadium.


IMQ
ATHLETIC CLUB
AMSTEL
RESPECT

A GREAT STADIUM, FIT FOR A UNIQUE CLUB

After the new stadium was finished, IDOM was commissioned by the Club to assess potential upgrades to the roof with the aim of improving the spectators' comfort on rainy days.

The selected solution, the erection of a cable-roof extension which increases the roof spans by 13 to 23 m (up to a total of 60-75 m considering also the original roof), was carried out during the summer break of 2016.

The roof extension is based on a radial convex cable beam structure with two inner tension rings and an outer compression ring (spoke wheel roof structure).

The design of the interfaces between the original roof and the roof extension, which is eventually just supported at the small tip of the existing tapered cantilever

beams, required an exhaustive assessment process. The result preserved the original architectural essence of the stadium, maintaining the same cladding type (ETFE cushions) and compatible radial configuration.

CLIENT
San Mames Barria (PPP)

LOCATION
Bilbao, Spain

AREA
117,000 sqm

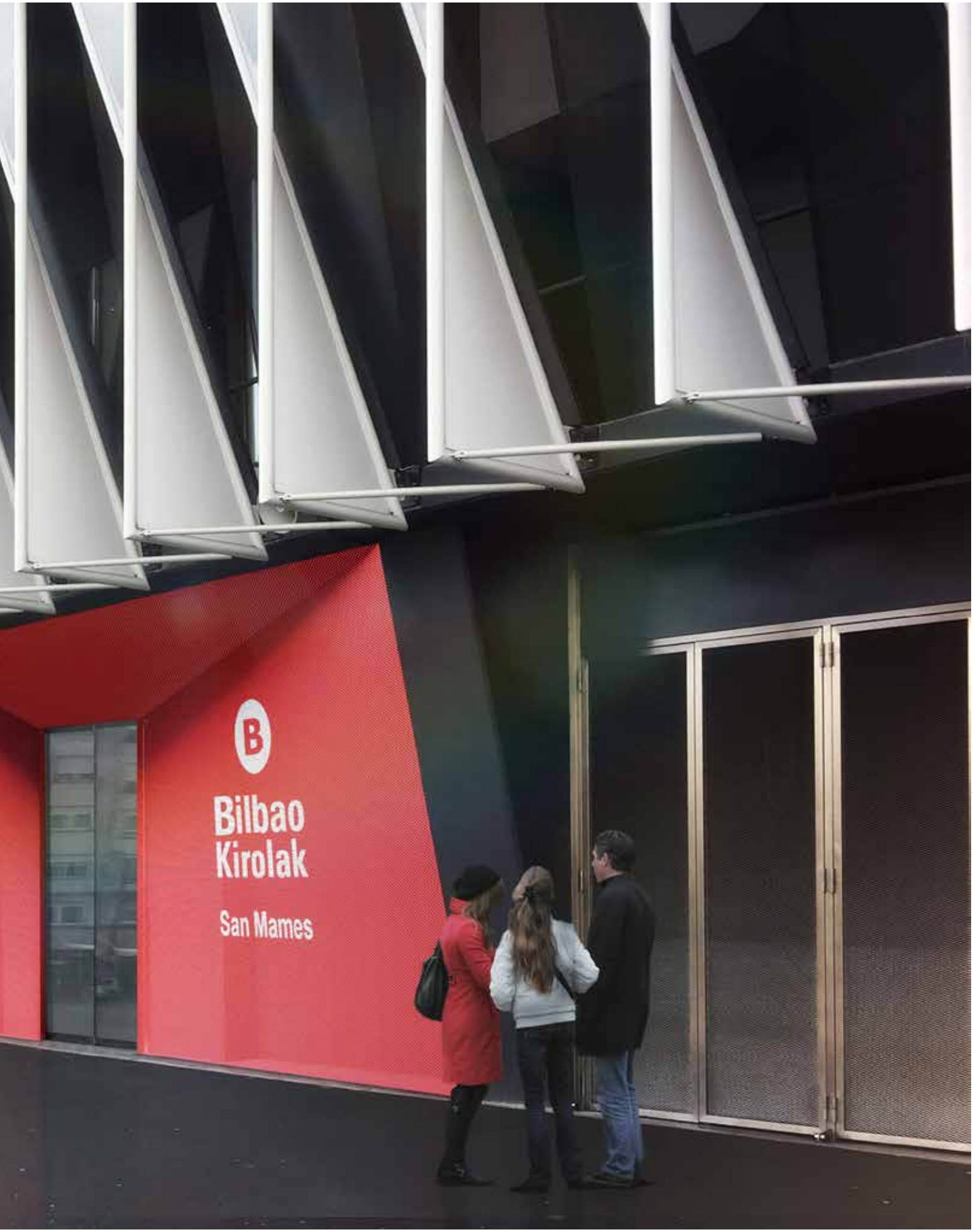
CAPACITY
53,229 seats
Up to 100 corporate boxes

CONSTRUCTION COST
120 M€

YEAR
2014

WEBSITE
www.bilbaostadium.com

SAN MAMÉS SPORTS CENTER


B
Bilbao
Kirolak
San Mames

The new multisport space incorporated to the San Mamés Stadium is promoted by Bilbao City Council and is very relevant as part of the development of the facilities in the venue. It is the first sports center in the city to count with a 50m swimming pool within its water area. Together with 2 leisure pools, sauna and steam bath, the new facilities have great versatility of use, from high level sports training to learning courses and group activities.

SCOPE

- Architecture and Engineering Projects.
- Site Supervision.

LEVELS

The required program for the Sports Center is solved in the 3 available levels inside the Stadium as follows:

Level -1. Fitness room, with access from the floor below, and with views over the swimming pools area on level -2.

Level -2. Containing most of the functional program, staring with the Reception and Control, and giving access to 2 multipurpose rooms, locker rooms and toilets and access to the fitness room above. The locker rooms for the swimming pool act as a filter to enter the main swimming pool space, holding the 50m length pool, wellness and recreational pools. The 50m pool follows the competition standards set by FINA, both for recreational and competition swimming. It includes a movable wall, allowing a change from 50m competition configuration to a 25+25m configuration for simultaneous use of sports swimming, and learning and group activities. This asks for a variable depth from 180cm at swimming zone to 140cm at the leisure and learning zone.

Level -3. Restricted use for personnel.

CLIENT
Bilbao Kirolak S.A.

LOCATION
Bilbao, Spain

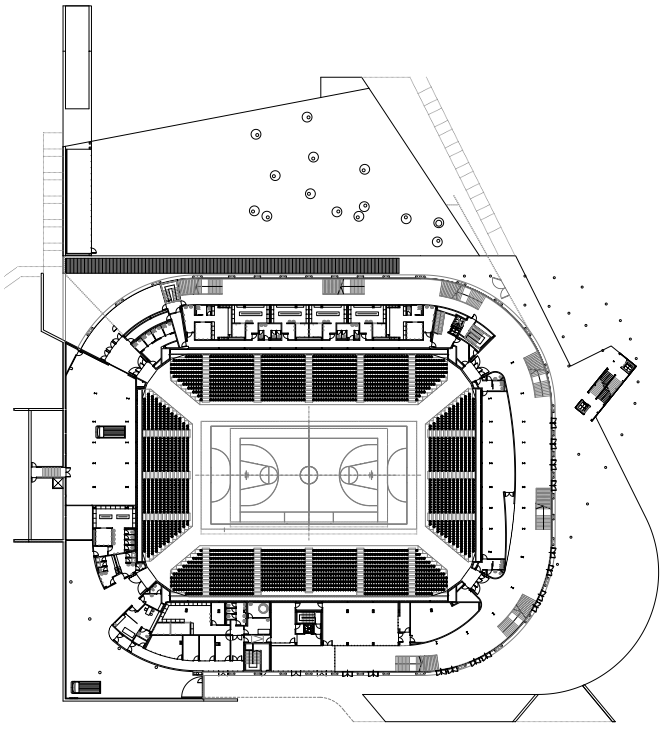
AREA
6.860 m²

CONSTRUCTION COST
4.282.700 €

YEAR
Under construction

PREVISION
early 2019

BILBAO ARENA



DESIGN

The Bilbao Arena and Sports Complex located in the Miribilla neighbourhood, has been built in a park located above the old iron mines close to the city's historical quarter. The plot of land for development is on a steep slope: 46 m from one corner to the other, over a distance of just 200 m.

The Bilbao Arena was designed as a tree, with tree-like pillars that brace the metal structure on its façade and coloured steel sheets making an air-permeable end that hides all the HVAC machinery from sight. This striking large section, includes a basketball court seating 8,500 spectators.

The sports centre's smaller section is designed as a rock, with precast concrete slabs, textured and coloured similar to the area's grey limestone. A hollow rock in which the sports complex's communicate visually as a tiered cascade: providing access to a 240 vehicle car park, gymnasiums and a swimming pool. The building also includes administrative offices.

BILBAO'S NEW SPORTS HUB

The wide range of environmental measures implemented resulted in the building being 50% more energy efficient when compared to projects of a similar size and scope.

Key Features include:

- Natural ventilation
- A Combined Heat and Power Equipment (CHP) Cogeneration System for producing electricity from gas, and additionally providing heating for the Leisure Facility's swimming pool cost free.
- The swimming pool water is stored and reused for street cleaning all around Bilbao.

SCOPE

- Architecture, Structure and MEP engineering projects.
- Interior design, Graphic design and Wayfinding design.
- Site Supervision.

RECOGNITIONS

- Sport Building of the Year ArchDaily 2012
- 2012 RIBA Award (EU Building category)

CLIENT
Bilbao Kirolak

LOCATION
Bilbao, Spain

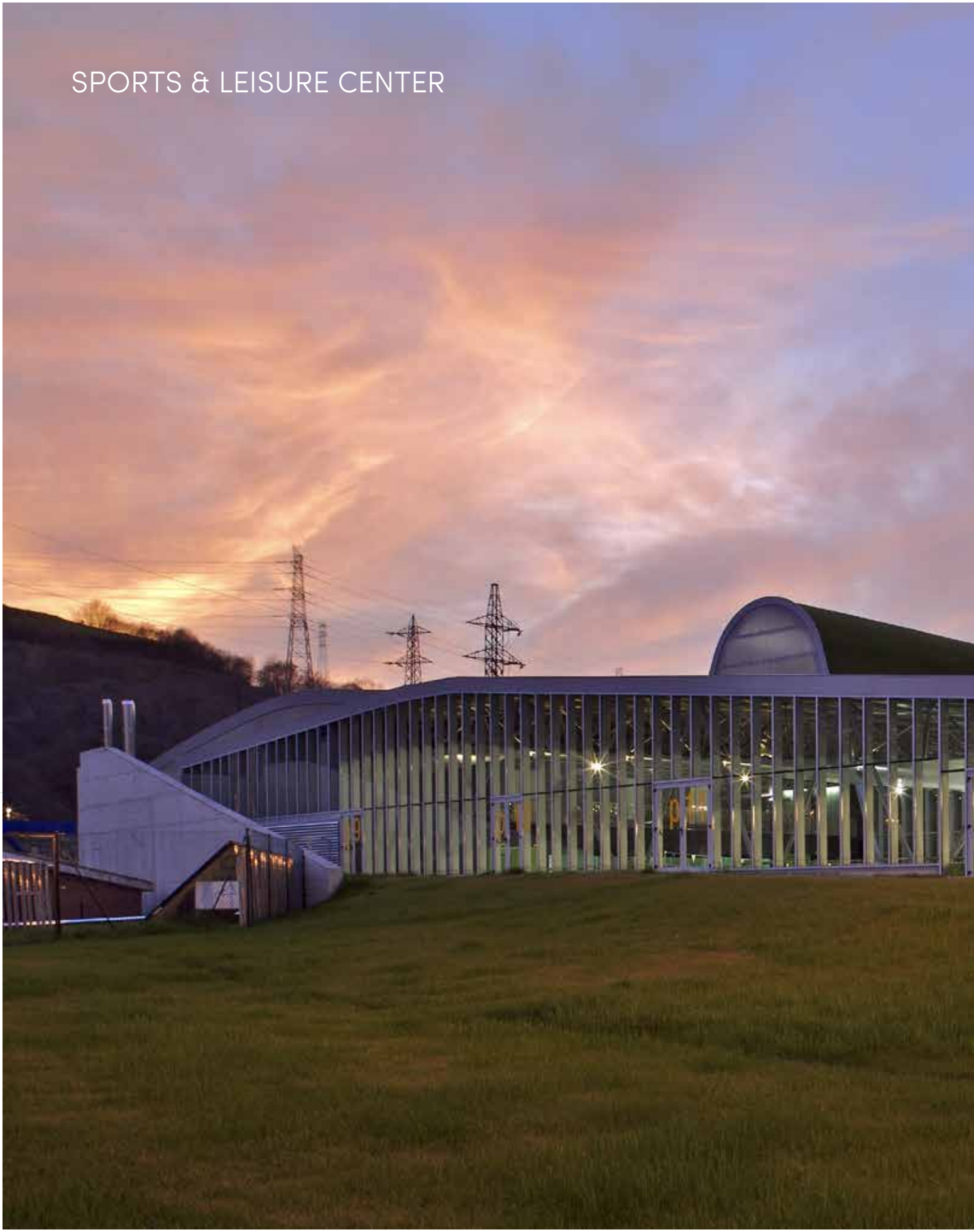
AREA
30,800 sqm

CAPACITY
10,000 seats

CONSTRUCTION COST
39,8 M€

YEAR
2010

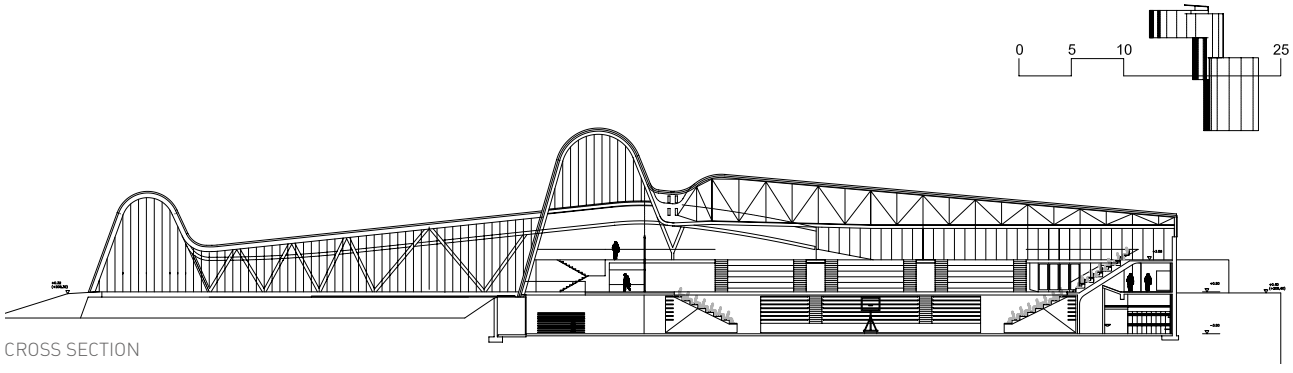
SPORTS & LEISURE CENTER



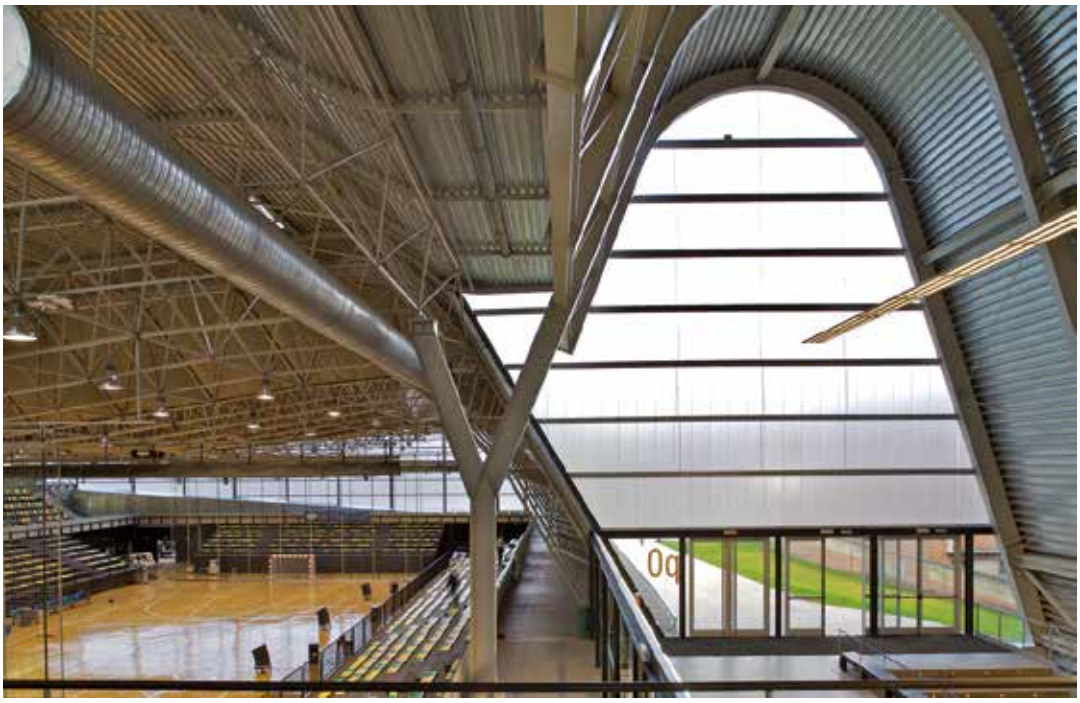

p.12

DESIGN

The project's symbolic value reflects the changing times and marks a turning point in the life of the coalfields. It is designed more as a landscape than a building, making it friendly, organic, separate from the usual emphatic, parallelepiped shaped and categorical buildings of this kind.



CROSS SECTION



WHERE SPORT MEETS NATURE

The project's distinctive three hill-shaped roofs correspond to the three well-differentiated areas into which the programme is divided:

1. Multipurpose sports hall (sports & concerts)
2. Swimming pool area in which a small curved hill-shaped roof encloses the small swimming pool
3. Area for the remaining general services and multi-sports (offices, multipurpose rooms, sauna, etc.).

SCOPE

- Architecture, Structure and MEP engineering projects.
- Interior design, Graphic design and Wayfinding design.
- Site Technical Assistance.
- Gyms, Leisure swimming pool.

CLIENT
Principado Asturias Government

LOCATION
Langreo, Spain

AREA
11,000 sqm

CONSTRUCTION COST
10.1 M€

SPORTS CENTER CAPACITY
2.300 seats

YEAR
2009

SALBURUA CIVIC CENTER

DESIGN

The Civic Centre combines sporting, cultural and administrative uses for the Salburua neighbourhood in Vitoria.

The project has been designed as a meeting place enabling residents to carry out diferent social, cultural, leisure or sports activities. The ground floor conveys the idea of permeability between the interior and exterior, thanks to the glass cladding favouring crossed lines-of-sight to such an extent in fact that the views can be seen through the entire building.

The first floor's programme of a more private nature is configured as a less permeable and more abstract object, thus magnifying the contrast between both realities.

The project is divided into four levels. The basement containing the sports courts, gyms, fencing rooms, dance studio and climbing wall. The ground level that includes the citizen service areas, conference room, cafeteria, assembly hall, the fun-club and the multi-sports area stands. The library, the study room, workshops and the social service offices are located on the first floor. Finally, the swimming pools and changing rooms are on the second floor.

SCOPE

- Architecture, Structure and MEP engineering projects.
- Interior design, Graphic design and Wayfinding design.
- Site Supervision.
- Fencing, Rock climbing, Gyms, Library, workshops, Leisure swimming pool.

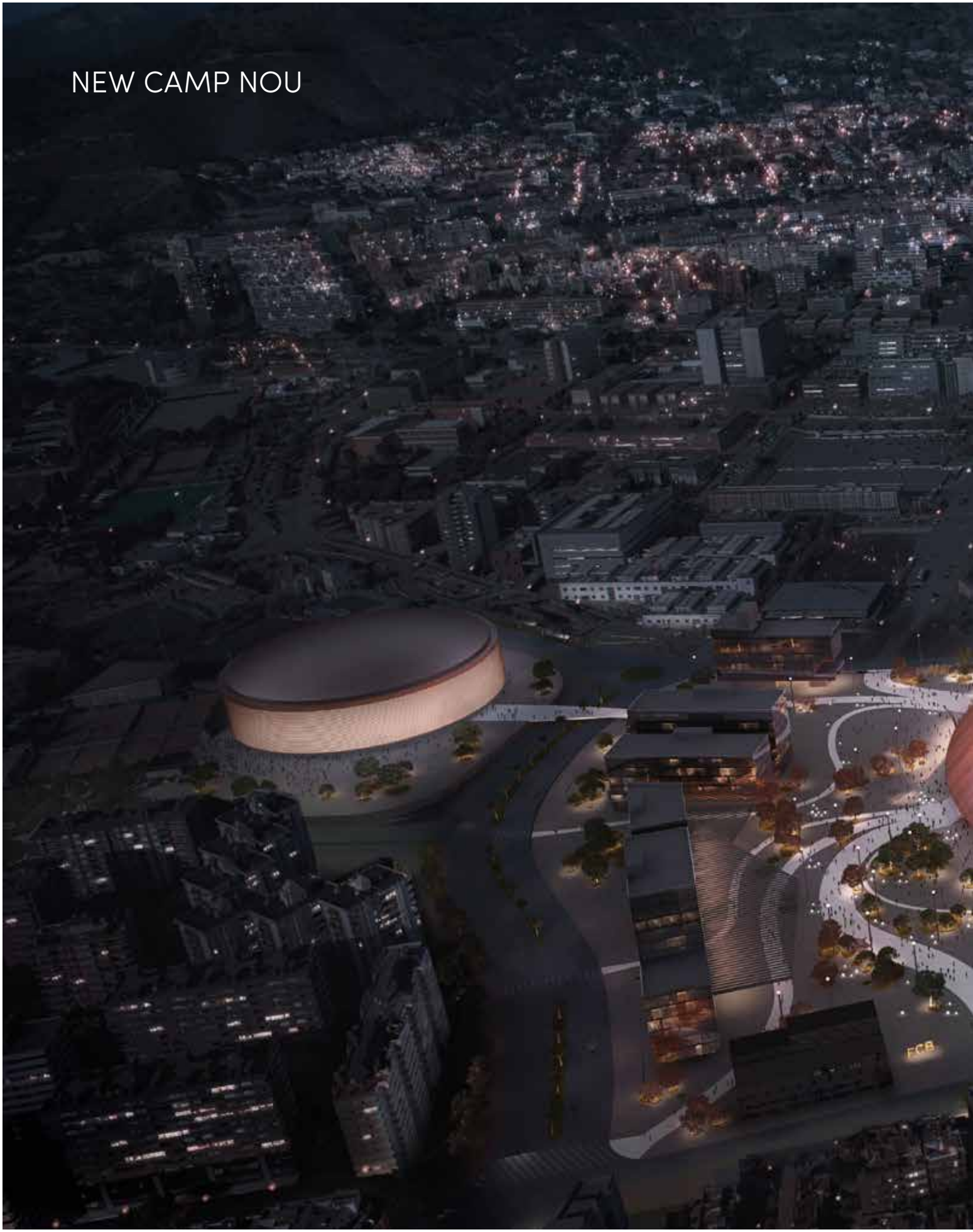
CLIENT
Vitoria Gasteiz Council

LOCATION
Vitoria Gasteiz, Spain

AREA
13,692 sqm

CONSTRUCTION COST
10.3 M€

YEAR
2015

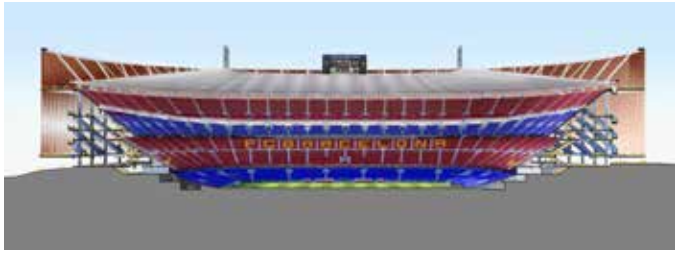

NEW CAMP NOU

RUNNER-UP PROPOSAL DISPLAYED IN FCB BARCELONA EXHIBITION

IDOM led the IDOM-BIG-BAAS three-firm proposal in the competition to remodel the Camp Nou organised by Barcelona FC., IDOM being the main core of the team. IDOM not only provided its ample expertise in Sports Architecture, but also its well-known and proven capacity to blend the highest architectural objectives with sustainable and reliable technical solutions.

BIG incorporated its unique approach to the team. Thanks to its participation in projects worldwide and exceptional analysis skills, BIG's contribution provided a pragmatic and ideal vision of the look of the future FCB stadium.
BAAS was the Catalan partner of the Team. It brought its wealth of knowledge and information on the situation of FCB to the team and, above all, an architectural vision brought up and bred in Barcelona that is based mainly upon sophistication, tradition and authenticity.

First and foremost, the Camp Nou is a place where supporters and players come together to celebrate a sporting event. It is envisaged to honor the completion of Mitjans-Miró's architecture, originally built in 1957. Instead of starting from scratch or covering the old surfaces of the historical stadium, our proposal's aim was to



lay the inner structure of the heritage stadium bare and have it meet authentically with the new architecture - inside and out.

The New Camp Nou was to be a palace for its people, composed and selected from the palette of functional elements and everyday materials of traditional and contemporary Catalan architecture, uniting the Blaugrana identity with the skeleton of the building using intrinsic traits.

SCOPE

- Design proposal
- Technical Assistance to Project Management

CLIENT
FC Barcelona

LOCATION
Barcelona, Spain

AREA
154.000 sqm

CAPACITY
105.000 seats

COST ESTIMATE
363 M€

YEAR
2016

COMPETITION PROPOSAL
Runner-up

ESPAI BARÇA

© FCB

TECHNICAL ASSISTANCE PROJECT MANAGEMENT AT ESPAI BARÇA

IDOM is collaborating within the FC Barcelona Espai Barça Project, collaborating as:
- Architectural Design Coordination and Technical Assistance tasks on the Futur Camp Nou project.
- Part of the Project Management Team carrying out Technical Assistance tasks on the Nou Palau Blaugrana project.
- Project Managers on the Estadi Johan Cruyff project.

The Espai Barça is the transformation project of all the facilities that FC Barcelona has in the district of Les Corts in Barcelona, and the Johan Cruyff Stadium in the Joan Gamper Training facilities in Sant Joan Despí. The project will give value to a real estate treasure of more than 35 hectares, 19.4 in the center of Barcelona and 16.2 in the Ciutat Esportiva, 8.5 km away from the Camp Nou.

Beyond the buildings and architectural projects, the Espai Barça will be a welcoming Campus for all members, fans and all visitors.

The Espai Barça will become the best sports complex in the world in the center of a major city.

FUTUR CAMP NOU

CAPACITY
105,000 spectators

SCOPE
Architectural Design Coordination and Technical Assistance

ARCHITECTS
Nikken Sekkei + b720 (Competition)

DESIGN WINNING PROPOSAL BY
Nikken Sekkei and Pascual-Ausió

BUDGET
360 M€

CONSTRUCTION
Season 2017/18 to 2022/23

NOU PALAU BLAUGRANA

CAPACITY
12,500 spectators

SCOPE
Technical Assistance as part of the Project Management Team

ARCHITECTS
HOK with TAC Arquitectes

BUDGET
90 M€

CONSTRUCTION
Season 2018/19 to 2020/21

ESTADI JOHAN CRUYFF

CAPACITY
6,000 seats

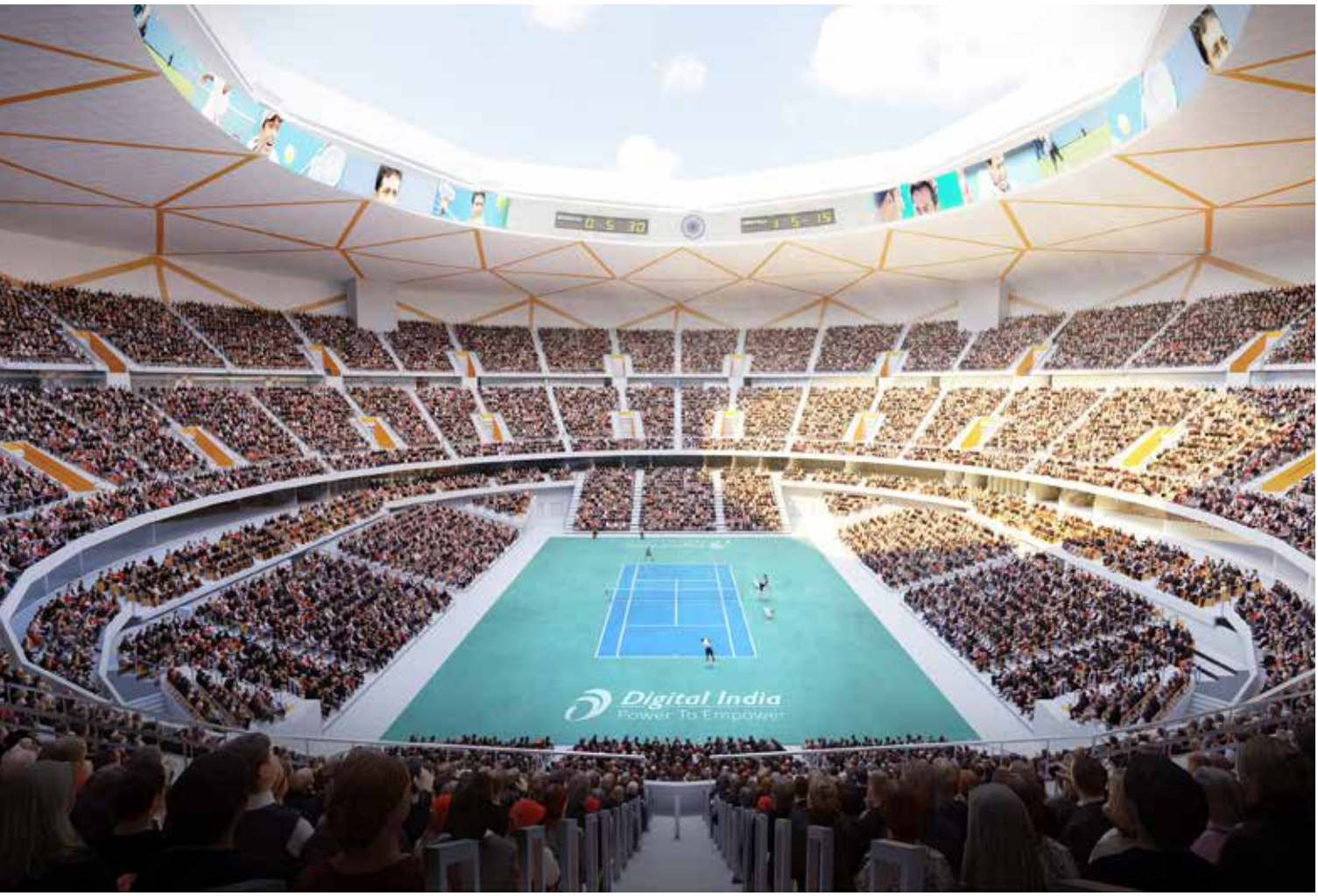
SCOPE
Project Managers

ARCHITECTS
Battle i Roig Arquitectes

BUDGET
19 M€

CONSTRUCTION
2016 - 2019

DWARKA ARENA



India International Convention and Exhibition Centre | Dwarka, India

MASTER PLAN

Located 11 km away from New Delhi's Indira Gandhi International Airport, the IICC will be the biggest trade fair complex in India and South Asia. Conceived as an anchoring project for the future development of the country and strategically located between New Delhi and Gurgaon, the scope covers 90 hectares that include fair grounds (403,000 m2), a convention centre (73,200 m2 - 10,000 people capacity), offices (236,000 m2), hotels (339,000 m2 - 3,500 keys), retail areas (156,000 m2), a multipurpose Arena with capacity for 20,000 people (64,200 m2) and over a million square meters for parking, bringing the grand total up to almost 2.5 million built-up square meters.

Strategically, the enterprise has four main goals: to be an icon that reflects the image of the new India, to become a destination in itself, to obtain the platinum certification from the IGBC (Indian Green Building Council), and finally, to be flexible enough to host the most varied world class events and celebrations.

The buildings are laid out in the palace structure showing diverse motifs and iconography, typical of the vast popular culture of the subcontinent, impregnating an urban complex which is really a metaphor for a country in which ornaments are also structural elements.

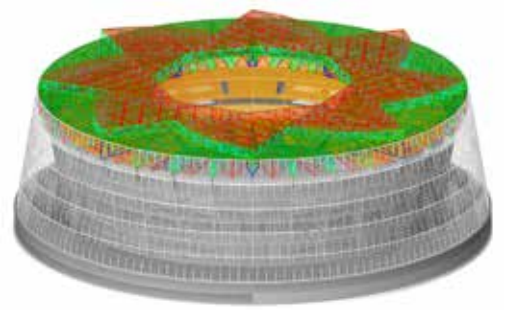
DESIGN

The multipurpose pavilion (Arena) tops off the whole intervention on the northeast end, becoming the main urban reference of the complex. The arena provides a multi-purpose stage for various activities. The circular plan of the arena, with 161m in diameter at its base, allows it to integrate harmoniously within its context and the water ponds designed shaping the access points to the building.

As a part of a state-of-the-art venue, the arena's facade incorporates innovative systems for lighting while the roof is a retractable structure allowing full versatility. The building provides catering facilities for the public and premium lounges and viewing boxes for VIP.

SCOPE

Master Plan. Design Guidelines for Mix Use, Concept Design for the rest of the buildings and Schematic Design for Arena Pavilion, Convention Centre and Exhibition Halls 1 & 2.



SECTION

SECTION

CLIENT
Delhi Mumbai Industrial Corridor Development Corp.

LOCATION
Dwarka, India

CAPACITY
6,000 seats

AREA
50.256 sqm

CONSTRUCTION COST
60 million euros

YEAR
2017- Under construction

ESTIMATED COMPLETION BY
PHASE 1- DEC 2019 / PHASE 2- DEC 2024


BIZKAIA ARENA


BILBAO EXHIBITION CENTRE

2014 FIBA BASKETBALL WORLD CUP VENUE

SCOPE

- Architecture, Structure and MEP engineering projects.
- Interior design, Graphic design and Wayfinding design.
- Site Supervision.
- Seating 17,000 for sports.
- Total capacity of 22,000 for concerts.

RECOGNITIONS

Shortlisted at the 9th Exhibition of Young Spanish Architects.

Shortlisted at the FAD Awards 2005.

Shortlisted VII at the SAO PAOLO ARCHITECTURE BIENNAL Exhibition.

BILBAO EXHIBITION CENTER

The six pavilions are grouped along a naturally-lit central axis. Four have a surface area of 125 x 125 m and the other two 170 x 125 m. The six of them are completely column-free. This required using 8m deep box trusses that are used as service galleries.

One of the large pavilions has been specifically designed as a sports arena.
Conceived as a flexible space and adaptable to several sports: basketball, motocross, tennis, etc. and concerts as well. The pavilion seats up to 17,000 spectators and 22,000 standing. All of the pavilions, and especially the arena pavilion, change use regularly to accommodate a wide range of different trade fairs and sporting events.

DESIGN

Developed in collaboration with SENER, the BEC is a state-of-the-art facility and has placed Bilbao at the forefront of the highly competitive national and international trade fairs, exhibitions market and indoor sports events.

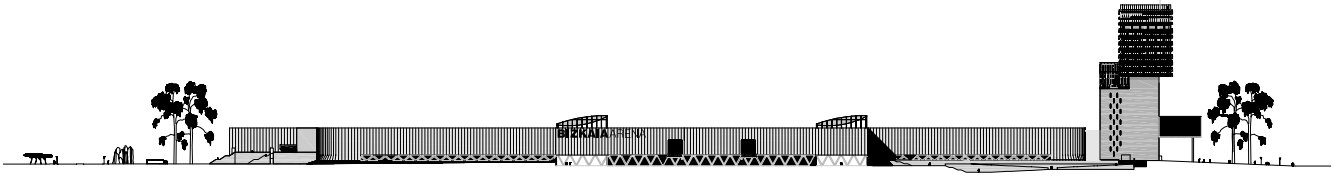
CLIENT
JV IDOM SENER

LOCATION
Barakaldo, Spain

AREA
450,000 sqm

CONSTRUCTION COST
390 M€

YEAR
2007



XÁTIVA SPORTS CITY


18
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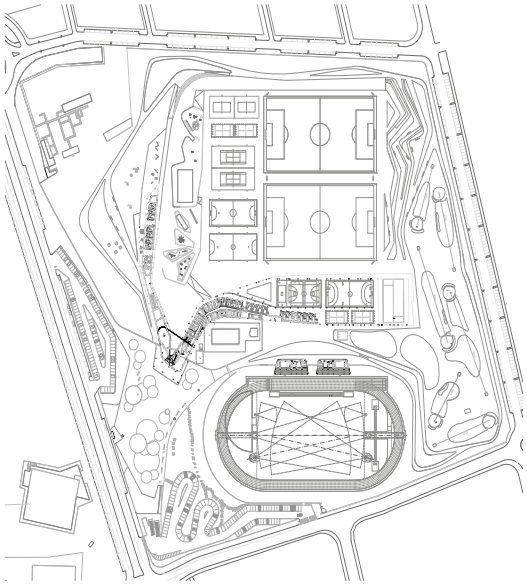
DESIGN

The Large Red Curved Roof unites and provides shelter for sports that require weather protection, acts as an inclusive element and integrates those people who are outdoors and is surrounded by recreational and leisure areas and attractive lanscaped gardens.

MULTIPURPOSE

The project is located on the outskirts of Xátiva with a surface area of over 13 hectares, it comprises two new football pitches for 11 and 7-a-side matches, two indoor football pitches, two multipurpose covered courts, tennis courts, beach volleyball, paddle tennis courts (indoor & outdoor), basketball and minibasketball courts, French boules, skating areas, pitch and putt, pools, Basque pelota (frontón), three playgrounds, an athletics track (eight lanes) and a two kilometer jogging path.



SCOPE

- Architecture, Structure and MEP engineering projects.
- Interior design, Graphic design and Wayfinding design.
- Site Supervision.
- Sports featured: Football, Tennis Beach Volleyball, Paddle Tennis, Basketball, French Boules, Skating, Golf (pitch and putt), Swimming, Basque Pelota (frontón) and Athletics.

CLIENT
ACCIONA Infraestructuras S.A.

LOCATION
Xátiva, Spain

AREA
150,000 sqm

CONSTRUCTION COST
10.5 M€

YEAR
2011

CLUB LEÓN STADIUM


N
5
4

Club Leon Stadium | Guanajuato, Mexico

The project for the New Stadium for Club León, owned by Grupo Pachuca, is located at the East side of the city of León, on a site which will be home to the new Stadium, a Shopping mall, a Hotel, a Carpark for 3,500 vehicles and some areas devoted to the Football University which Grupo Pachuca is promoting for some years now as part of its business model and youngsters education model.

SCOPE

- Master Plan and Concept

DESIGN

The design implies a Masterplan of the site locating all buildings and open areas, with the Stadium as the key element of the configuration. The stadium must have 450 VIP boxes as part of the capacity for 35,000 spectators. Our proposal gives those VIP boxes a leading role on the bowl definition, and also includes a Hotel on the 2 top floors with views to the City and the Field of play. This creates a bowl configuration which is unique in the World, achieving a pressure and acoustic performance never seen before at a football stadium.

Another unique and innovative aspect of the stadium design is the open façade concept, as opposed to a façade envelope approach, locating the main hospitality areas, meeting rooms, main hall, etc. facing the exterior of the building. The floor layout of the different integrated uses makes it possible for the Stadium to be used all year round, adding value to the business model intended by the Client.

CLIENT
Club León (Grupo Pachuca)

LOCATION
Guanajuato, México

AREA
113,000sqm

CONSTRUCTION COST
132,4 million euros

YEAR
2018

SPORTS AREA AND ARENA BUILDING – UNIVERSITY OF MONTERREY (UDEM)

IMPLEMENTATION

The new sports area is conditioned by the terrain's steep slope, which must longitudinally clear a 12m drop. The first goal is to integrate the proposal into the topography, avoiding the construction of retaining walls and large scale interventions in the ravine that would be complex and expensive.

On the edge of the sports grounds, the urbanization will be the result of combining hard-surface tree-lined plazas with gardens that will contribute a fresh and pleasant refuge when temperatures soar.

The slopes generated between the sporting areas represent a good opportunity to build stands overlooking the fields. These areas will be surrounded by trees that will generate pleasant areas that will work as meeting and leisure areas for all campus students. Pedestrian traffic, along with that of joggers and cyclists, was clearly favoured when designing the connection routes between all the different sporting areas, reducing architectural barriers to a minimum.

ARENA BUILDING

The arena building is located in the middle of the intervention and its main entrance was set to be level with the main link to the rest of the campus, in order to reinforce the previously set objectives. The image of the building follows the urbanisation criteria and is configured as a great sculpted rock, facing the north through two large oculi.

Within the building, the project contemplates a sheltered "avenue" that runs through it and links the north and south sports grounds, facilitating the flow of students and simplifying the access to the changing rooms' area. Part of this central avenue is equipped with stands where students can sit and get together in an informal manner. The central avenue divides the sports programme in two well differentiated areas. On the one hand, there's the multisport area with the pool and the gymnasium and on the other, the arena. This differentiation makes it easy to compartmentalise, granting the building a certain flexibility of use, according to activities and timetables.

If there's a particularly privileged area within the building, that would have to be the social club. Located in the centre of the building, over the stairwells and overlooking all the activities that take place under its roof, it is a space that was designed to appeal to students and encourage them to practice sport.

The social club is noticeable even before entering the main foyer, which is why people are invited to step in and take part in the activity that will take place there. It has direct lines of sight with the gymnasium, the swimming pool and the multipurpose court.

Since it concentrates many different uses, those areas that can generate noise, such as those used for bowling, billiards, table football or Ping-Pong, are glaze off. A cinema and a small vending/bar were added to make the place even more appealing. Just like in the rest of sporting areas, the mountain range is still the background protagonist.

THE MOUNTAIN RANGE

The building was designed as categorical, but also highly functional, with the mountain range as a protagonist. The typical distribution of a multipurpose court of an arena is impersonal and could be located anywhere in the world. This arena proposal on the other hand, can only be set in Monterrey. All the sports areas, the social club and even the foyers look out on to the mountains, generating a genuinely unique backdrop.

Having a north orientation allows the building to have large windows overlooking the mountain range, thus allowing the sports areas to be very bright and agreeable without the inconvenience of direct sunlight. The location of the administration area, set on the first floor and yet perfectly connected to all the building's uses, allows it to enjoy views of both mountain ranges.

CLIENT
UNIVERSITY OF MONTERREY (UDEM)

LOCATION
Monterrey, México (2019)

CAPACITY
Arena with 3,500 seats,
Swimming pool and Gymnasiums

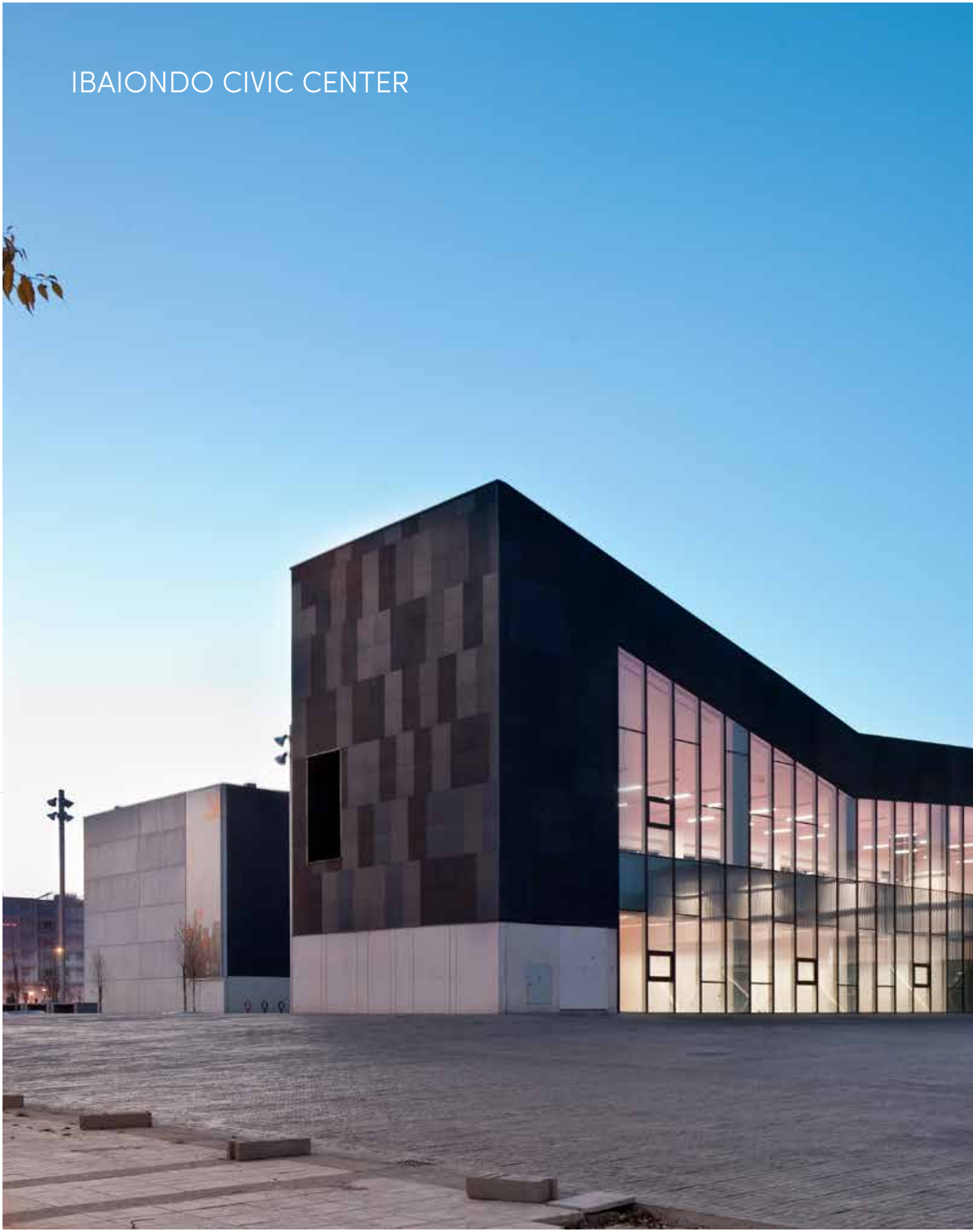
SCOPE
Architecture and Engineering Projects
for Structures and Building Services
Site supervision

AREA
24.350m^2
(+66.500 m^2 outdoor space)

COST
27,8M €

YEAR
Project 2020

IBAIONDO CIVIC CENTER



DESIGN

It provides sports, cultural, leisure and administrative community services for the neighbourhood in a single building. The different sections of the building's layout has been done according to its geometrical structure.

The triangular shaped sports center and swimming pool, are both located in the northern section. The remainder of its uses are located in the southern section which is identified by its irregular shaped morphology includes a Theatre, Library, Workshops and a Café. The building's significant energy efficiency rate is due to its central heating and cooling system and solar panels, achieving 1,900 Tn annual savings of CO2 emissions.

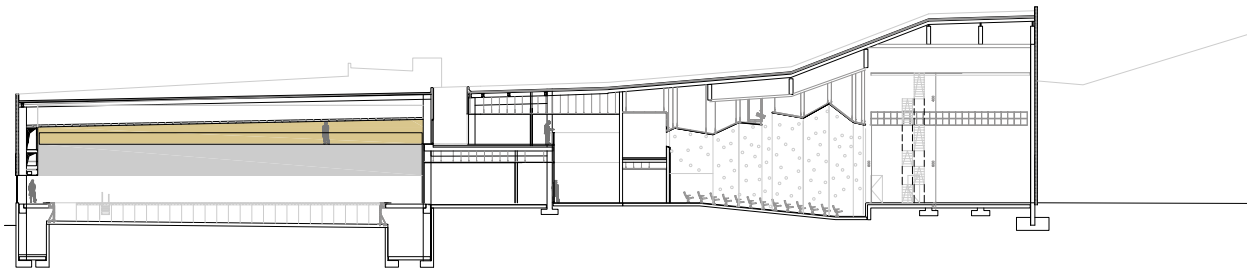
SCOPE

- Architecture, Structure and MEP engineering projects.

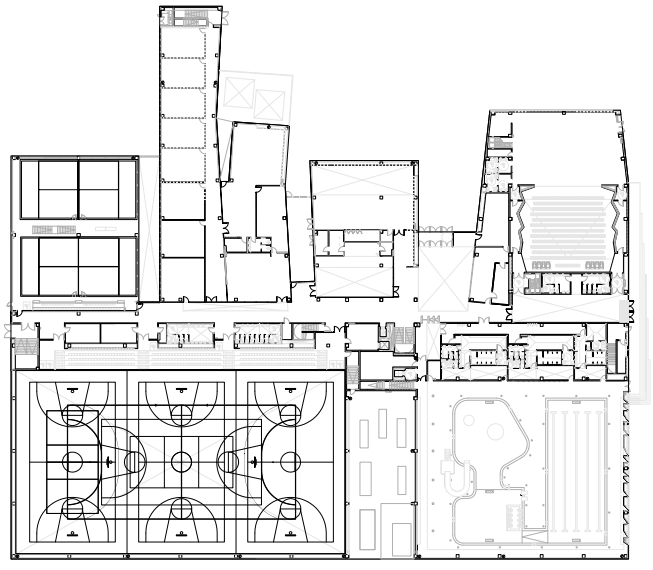
Interior design, Graphic design and Way-finding design.

- Site Supervision.

- Multipurpose Sports Court, Theatre, Gyms, Library, Workshops, Leisure Swimming Pool.



SECTION



MAIN FLOOR

CLIENT
Vitoria Gasteiz Council

LOCATION
Vitoria Gasteiz, Spain

AREA
2,500 sqm

CONSTRUCTION COST
13.4 M€

YEAR
2009

EVERTON WALTON HALL PARK STADIUM

Aiming to evolve from the constraints of their home at Goodison Park, Everton FC invited selected architects to propose the most atmospheric stadium in world football; an inspirational, exciting and intimidating stadium at a new location in Walton Hall Park.

The defining points of this 50,000 seat scheme are, together with the unique approach to have a 17,000 seat Home End stand: the 4,000 premium seats, the Family enclosure with 4,000 seats for children and parents close to the pitch, a vibrating Fan Zone, and the Everton-In-The-Community facilities integrated with the Stadium's cutting edge services.

Integrated into a park environment, with sustainability and landscape & urban integration as a driving idea, a large walkway brings fans through the park to their new home, a blue cauldron of energy.

SCOPE

- Invited competition proposal.
- Integrated Community facilities.

CLIENT
Everton FC

LOCATION
Liverpool, UK

AREA
118,000 sqm

CAPACITY
50,000 seats, including
4,000 premium seats and
4,000 Family seats

COST ESTIMATE
208.8 M€

YEAR
2015

COMPETITION
PROPOSAL
Runner-up

BRISTOL ARENA

DESIGN

The arena was designed to be an object not just a building. Its powerful visual identity serves as a distinctive icon for Bristol, a place where events come alive. Fusing art, architecture and entertainment to create a unique performance venue both inside and outside of the building where your experience starts at home and culminates in your visit.

THE WATERFALL

The design combines two references: water as a metaphor of Bristol's relationship with nature and its role as European Green Capital 2015; and the theatre curtain as a result of envisioning the building as a stage itself.

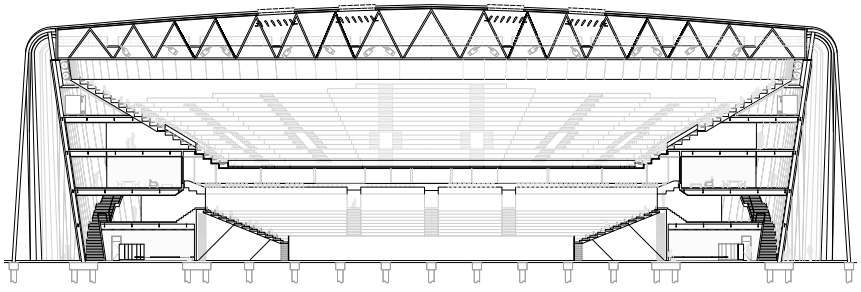
THE ELEMENTS

The double façade waterfall effect (movement,reflection and sound) is achieved using vertical profiled aluminium columns that surround the building, creating a covered perimeter walkway around the main building. A second layer of reflective panels creates the façade of the Arena's bowl. The interior of the Arena, the Cave can be found by crossing the Waterfall, this is the heart of the building, a vast, silent dark void highlighting movement and light.

The show is about to start...

SCOPE

- Shortlisted Competition Proposal.



CROSS SECTION

CLIENT
Bristol City Council

LOCATION
Bristol, UK

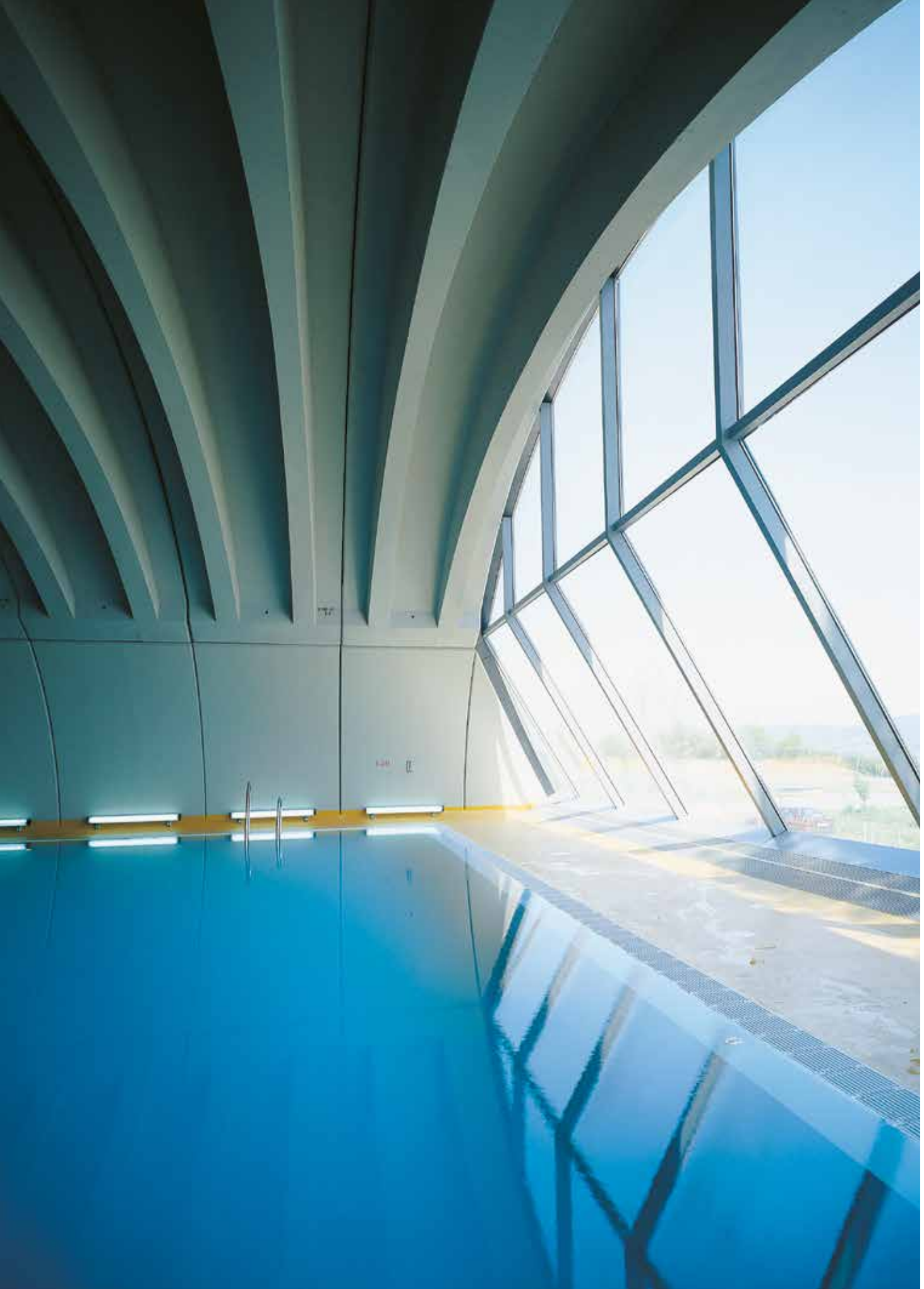
AREA
20,500 sqm

CAPACITY
Seating 10,360 for Sports
Seating 12,000 for concerts
Both include 240 VIP box
and 128 Club seating

YEAR
2015

COMPETITION PROPOSAL
Runner-up

VIZCAYA SCHOOL SWIMMING POOL



DESIGN

The project stems from the school's three basic needs: the design should have a short execution time, be economical and allow the construction of a roof garden.

The resulting dome-shape design adheres to this triple motive, plus a fourth more poetic reason: a cave as a secret place, a space that is present in so many stories of children's imaginations.

The design proposal was to mainly use precast concrete, thus enabling the main structure to be built in two weeks.

RECOGNITIONS

- Finalist FAD Awards 2013

SCOPE

- Architecture, Structure and MEP engineering projects.
  Interior design, Graphic design and Wayfinding design.
- Site Supervision.
- Turnkey Project.

CLIENT
Colegio Vizcaya

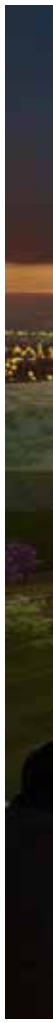
LOCATION
Zamudio, Spain

AREA
1,170 sqm

CONSTRUCTION COST
0,81 M€

YEAR
2001


ASPIRE SPORTS CITY MASTERPLAN



Sports City of Aspire | Doha, Qatar

Qatar is positioning itself as an international destination for sport events, capable of organizing, among others, events such as the 2022 Football World Cup.

To the West of Doha, the capital, near architectonic landmarks such as the Al Khalifa Stadium or the Aspire Dome, a great hub of sport and economic activity is being developed, its Master plan being the responsibility of Idom and ASPIRE, the government company in charge of planning and managing this kind of infrastructure.

The intervention involves 190 hectares, destined for a great cultural and sports park, surrounded by a commercial boulevard and housing, hotels and offices. This park intends to become a new metropolitan oasis in which to lead a dynamic, urban and sporty lifestyle desired for Doha.

In a first stage, Idom has defined the appropriate combination of uses for that purpose, with a balance between lucrative and cultural and sporty uses. During the last stage of the project, guidelines will be set for the architecture, the landscape, mobility and the infrastructures in keeping with Qatar's Global Sustainability Assessment System (GSAS), on which the town planning and construction projects will be based.

SCOPE

- Master Plan

CLIENT
ASPIRE LOGISTICS
(ASPIRE ZONE FOUNDATION)

LOCATION
Doha, Qatar

AREA
190 Ha

CONSTRUCTION COST
N/A

YEAR
2014


BAKIO SPORTS CENTER

DESIGN

The building is situated in a small valley in the coastal town of Bakio. Taking up the Northwest section of the site, leaving two free areas, one for access on the West, and the other, a solarium for the swimming pools, on the South.

After the initial site analysis, the idea was to adapt a building scale approach to the new well-liked low density residential architecture in the surrounding area. Thus, the plan was a set of three elements playing with volumes and using the natural slope of the land.

The decision for the façade closures took into consideration the limited budget as well as their expressive power. The translucent cellular polycarbonate panels of the public spaces on the perimeter and the birch trees solve the thermal insulation issues and provide protection from the western sunlight. At night it becomes a beacon dominating the entire valley.

SCOPE

- Architecture, Structure and MEP engineering projects.
- Interior design, Graphic design and Wayfinding design
- Site Supervision.
- Turn key project.
- Multipurpose Sports Court, Leisure Swimming Pool, Outdoor Football Pitch.

LIFESTYLE & ARCHITECTURE

CLIENT
Bakio Council.

LOCATION
Bakio, Spain

AREA
5,200 sqm

CONSTRUCTION COST
3.9 M€

YEAR
2006

MASTERPLAN FOR REAL BETIS BALOMPIE'S TRAINING CENTRE


RealBetisBalompié


REALBETISBALOMPIE

IMPLEMENTATION

On a fantastic plot located in Dos Hermanas, the new training centre belonging to Real Betis Balompie, is destined to be an international reference, not only due to its size and functional facilities, but also thanks to the careful layout of its natural and artificial turf pitches and the way in which these are positioned with regards to the buildings. They remind us of the design underlying in our old Greek and Roman cities, generating meeting and relation areas, combined with the best facilities and the implementation of the latest technology. Another reference with Greek tradition involved FIFA acknowledging Episkyros as the origin of football, its birth having taken place during Ancient Greece times, around 2,000 years BC.

We wanted to link this 4,000 year journey through history with the values that should always be present in the practice of football: fair play, humbleness, respect, team work, improvement, effort, commitment, equality, comprehensive education and generational transmission. Tradition, History, Art and Values: the promoters of this Training Complex of Real Betis Balompie.

A careful planning of the entrance points for vehicles, which are not allowed inside the Complex, a clear differentiation between the flow of football players and that of relatives and spectators and lastly, the setting of the main building in the Training Centre as an entrance as well as a vantage point that overlooks the entire grounds structure this Master Plan. Other places and strategically placed buildings such as the multipurpose field and sports centre, the Foundation and the Mini-Villamarin Stadium, round off this exemplary Training Centre for the present and the future of Real Betis Balompie.

The first stage of construction will include 8 11-a-side football pitches and 2 7-a-side ones, 2 specific training grounds, sheltered stands and a multidisciplinary building.

In the second phase, the facilities for the professionals will be extended with 3 new playing fields with sheltered stands and a goalkeeper training field, which will add to those built during the first stage. The Real Betis Foundation will have two specially-built playing fields, and the sports offer will be complemented by:

- A multipurpose sports building and a multipurpose field.
- The Mini Villamarin stadium, the official home grounds of Betis Deportivo and Betis Femenino, will have capacity for 8,000 spectators.
- Leisure activities, held in the north area, which has a more noticeable topography

CLIENT
Real Betis Balompié

LOCATION
Dos Hermanas, Seville

PROGRAME
No of pitches: Up to 15 11-a-side football pitches
Natural / artificial turf
Multipurpose pitch
Multipurpose Sports Building
Mini Stadium
3 Goalkeeper training fields
Tennis and paddle tennis courts
Administration building
Multipurpose building (refurbished)
Youth residence
Betico Social club

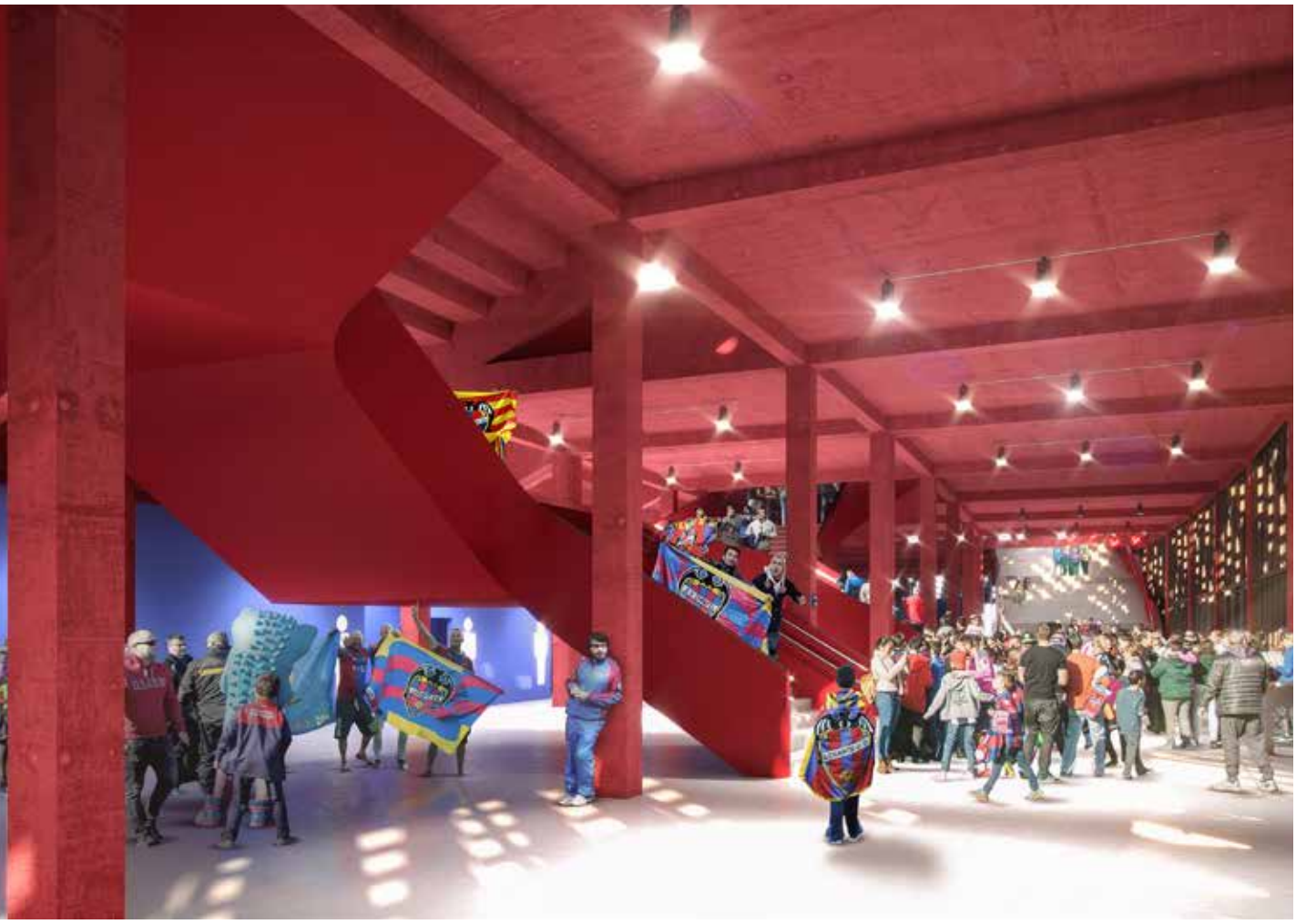
SCOPE
Masterplan and Architecture Concept
Infrastructures Projects

AREA
51 Ha

COST
30 M€

YEA
2019

CIUTAT DE VALENCIA STADIUM



Ciutat De Valencia Stadium, home of Levante UD, was opened in 1969, and 50 years later is facing a complete renovation plan to bring its performance to the best standards of the 21st Century.
While at the early years it was set in the city outskirts, the city growth has finally integrated it in the urban network, thus leaving no surrounding space to allow for a stadium enlargement.

The current conservation status of the stadium has several improvement aspects, although the bowl provides good response to the Club's requirements, with a 25.000 seat capacity and a continuous shape of low height. But only the Main Tribune stand is roofed, with a set of 350 VIP seats.

The conservation status of this tribune roof makes a new roofing becomes the biggest priority of improvement. Other shortages are to include additional uses at the access level of the stadium, the Public Address system which only complies with safety and emergency requirements, the video screen which does not have visuals for 25% of the attendance, and the façade as a decorative membrane component but not integrated in the architecture of the building. Sports lighting is also obsolete, set on the current roof and on 3 towers along the opposite long stand. This lighting system could not meet the TV broadcasting requirements set by LaLiga, and no viable skycam installation is possible, although required for broadcasting.

TARGETS OF THE RENOVATION PLAN

- Meet the TV broadcasting requirements, with a new roof allowing an improvement on the comfort conditions for spectators, for a new sports lighting system, and to install the skycam.

- Improve the Fan Experience, installing 2 new video screens, a cutting-edge sound system, and improving the WiFi system to optimize the Fan experience through the Levante UD official app.

- Improve the Stadium Business plan, adding new VIP seats, commercial areas at Access level, Museum & Stadium Tour for visitors, option to incorporate Naming Rights sponsorship options, all to promote the Match/Non Match day use.

All those requirements must be set in coordination with the sports calendar as requested by Levante UD, therefore 2 separate phases have been planned:

- Phase 1: New tensioned membrane roof, with a a lightweight cable structure supported on perimeter columns, New Sports Lighting system and Skycam, New sound system and Videoscreens.

- Phase 2 – New façade to merge all uses and integrated in the building architecture, with a complete interior renovation adding new Hospitality areas, new VIP boxes, new commercial uses, Museum and Restaurant.

5TH PRECINCT STADIUM

DESIGN

The present project has a very strong image, and Fenwick Iribarren Architects have created an iconic design valid for the celebration of the World Cup 2022. The existing Project of the 5th Precinct Stadium has been studied in great detail to see which design parameters can best be adjusted to improve cost, constructability and functionality. soccer stadiums are major infrastructure projects and our experience shows us that important adjustments to just a few but important design elements can achieve important cost savings. We proposed an exhaustive work of concept and redevelopment design to produce a stadium which is better, more constructible and functional than existing design.

THE ELEMENTS

Technical assistance was shared with Fhecor (Structures). The proposals developed included the following: Stadium bowl optimization; concrete structural grid optimization; lower tier concourse optimization, Improvement of access to the Stadium; functional improvement and optimization of the plant rooms; reducing the overall volume of the Stadium; reduction of the general construction areas of the Stadium; new strategy for the façade & roofing; simplified landscape architecture; new proposals for foundations; optimization of structural frame and upper floors; and rearrange of water chiller distribution.

SCOPE

- Architecture
- MEP consultancy services during tender
- Value Engineering

CLIENT
The Supreme Committee

LOCATION
Doha, Qatar

AREA
119,400sqm

CAPACITY
40,000 seats

COST ESTIMATE
300 million euros

YEAR
2016

ESTIMATED COMPLETION
August 2021


4TH PRECINT STADIUM

DESIGN

This Stadium has a truly unique design approach, by being conceived with a state-of-the-art real estate legacy mode, with a key element on the residential development in front of the Doha Bay, with a singular roof covering and a central square.

However, as a main difference with other venues, this 4th Precinct stadium will be completely eliminated once the Qatar 2022 World Cup Tournament is over, to give way to the Legacy approach. These both situations have been decisive aspects to consider on the development of the comprehensive Value Engineering approach. We proposed an exhaustive work of concept and redevelopment design.

THE ELEMENTS

The proposals developed included the following: Unnecessary Areas For The Stadium´s Uses To Be Removed; Improving The Level Access; Functional Improvement And Optimization Of The Plant Rooms; Reduction Of The General Construction Areas; Stadium Bowl Optimization; New Strategy For The Facades; New Strategy For The Roofing; New Strategy For Finishes; Landscape Architecture; Comparative Analysis And Conclusions; Rendering Views; New Structural Design Strategy; Foundations; Frame And Upper Floors; New MEP Strategy; Pitch & Bowl Cooling; Reduction of Number of ETS; Run around coils removal; Removal of acoustic Attenuators for Pitch & Bowl AHUs; Sport Lighting; Electrical Indoor Lighting; Fire & Life Safety; TSE; and Storm Drainage.

SCOPE

- Architecture
- MEP consultancy services during tender
- Value Engineering

CLIENT
The Supreme Committee

LOCATION
Doha, Qatar

AREA
84,000sqm

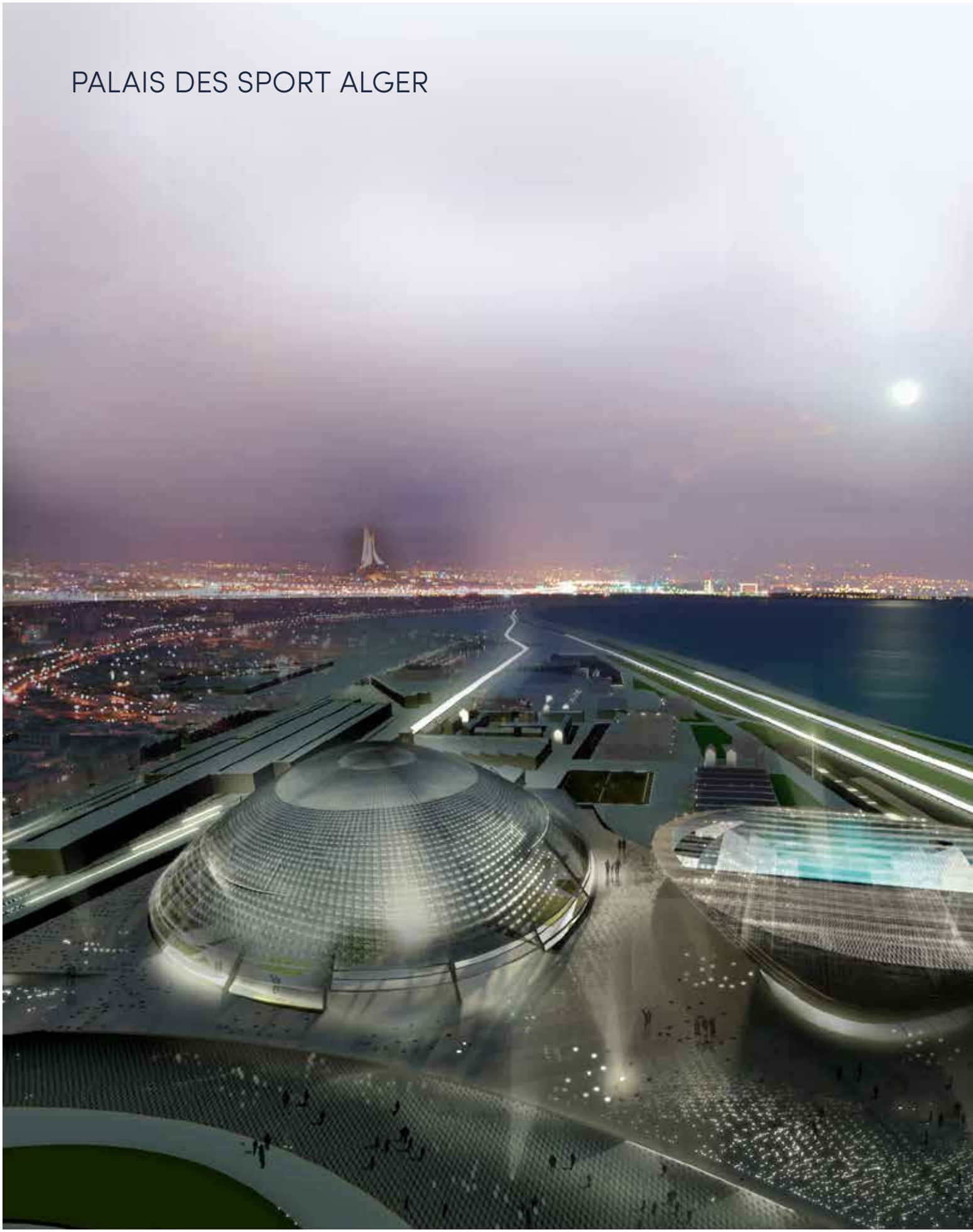
CAPACITY
84,000 seats

COST ESTIMATE
300 million euros

YEAR
2016

ESTIMATED COMPLETION
August 2021

PALAIS DES SPORT ALGER



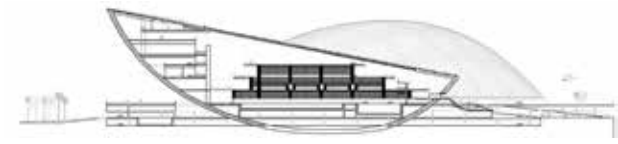
DESIGN

From the inspiring idea of an oyster shell washing up onto the beach, the shells develop into the Sports Center's two iconic buildings, housing the Arena and Swimming Pool and reveal themselves as Mediterranean pearls in the Bay of Algiers.

A large covered courtyard provides access to both buildings, allowing the 15,000 spectators to move easily in and out of the Arena, integrating with the urban landscape and access routes.

The Arena is designed as a large dome, providing sheltered spaces for people to move along the outside of the building and offering the opportunity for alternative uses, creating a unique sports hub. The other half of the shell forms a balanced suspended structure in which the stands on the side of the pool allow people to enjoy swimming, diving, waterpolo and synchronized swimming competitions, in a naturally lit building with optimized energy and CO2 emission efficiency.

INNOVATIVE SOLUTIONS



CROSS SECTIONS

SCOPE

- Shortlisted competition proposal.
- Multipurpose Arena.
- Olympic swimming pools, including diving and training pools.
- 50,000 sqm car parking facilities.

CLIENT
Ministry of Sports

LOCATION
Algiers, Algeria

AREA
159,000 sqm

COST ESTIMATE
123.1 M€

YEAR
2014

COMPETITION
PROPOSAL

HELIOS SWIMMING CENTER

DESIGN

The new building plays a key role within the Helios sports and leisure centre, working as an extension to the dressing rooms facilities and connecting an existing sports building.

Open and easy movement with a functional layout based on privacy: the more public areas are located on the ground floor (cafeteria, multipurpose space, reading room, social room), whereas the more private ones are on the upper floors: gym and spa and paddle tennis courts on the roof, thus restoring the open space occupied by the building.

The separation between the inner and outer spaces is attenuated using a curtain wall system, turning the lush vegetation into the real enclosure of the building. Two cantilevered concrete slabs and a movable shutter system provides protection from direct sunlight.

SCOPE

- Architecture, Structure and MEP engineering projects.
- Interior design, Graphic design and Wayfinding design.
- Site Supervision.
- Including Restaurant, Spa, Gyms and Paddle Tennis Courts.

CLIENT
Helios Swimming Center

LOCATION
Zaragoza, Spain

AREA
2,300 sqm

CONSTRUCTION COST
3.4 M€

YEAR
2011

JIANGSU SUNING FC STADIUM

DESIGN

The historic character of the city of Nanjing is considered a key point in the proposal for the Sunning Football Stadium at the new Nanjing Yu Hua International Football Village. The design proposed departs from inspirational references from Nanjing's historic tradition, combined with the most cutting-edge constructive technics to create an international iconic architectural piece recognized in the international football scene.

The geometry of a spiral promenade emerged as the optimal way to create order for the stadium urban masterplan, situating the architectural piece at the highest point of the plot. It integrates a 100-hectare-green area of public natural park that can be used for recreational purposes during the match and non-match seasons. With different forces, resolving flows and program, such as training football fields and parking lots, the spiral also inspires the logo of the stadium proposal.

In the stadium design a special focus has been put into the program and ideal distribution for spectators, located in three tiers with ideal C-values according to the most rigorous FIFA requirements, to create one of the most advanced football stadia with a total capacity of 60,284 seats; where 10,500 seats are designed for VIPS and premium facilities. Several enclosed and conditioned commercial areas of different kinds have been designed to take maximum advantage during the non-match season, allowing for the development of different activities. The internal parking is located in the basement and first floor of the Stadium, where special attention has been put in the different user's segregation, allowing for a good building performance during the match season. Moreover, additional spaces for future retail areas have been created under an access podium.

The iconic architectural piece of the Sunning Football Stadium is inspired in traditional Chinese hats and characteristic lily pads of Nanjing city, which are combined to create the design of an innovative roof geometry. The roof, structure and facade of the Stadium are designed combining a sustainable approach with the most cutting-edge materials and technologies. Reflecting the green character of its surroundings, a "tree structure" is designed as the main roof and upper tier support, while an innovative structural system inspired in traditional bamboo elements is proposed as façade solution. On its façades, the building will have fabrics of different sizes and positions adapted so that prevailing winds are enhanced or avoided. This permeable façade creates an in-between public space for human interaction, recalling the layering system in traditional Chinese landscape paintings, and also allows to create views towards the Business District, the Old Historic City or the Purple Mountain.

CLIENT
Suning Real Estate Group Co. Ltd.

LOCATION
Nanjing, China

AREA
119,848 sqm

CAPACITY
60,284 seats

COST ESTIMATE
1,800,000,000 RMB

YEAR
2018

COMPETITION PROPOSAL

FOOTBALL STADIUM IN GUANGZHOU

During 2019, Evergrande Group, owner of the Chinese Super League football club of Guangzhou, carried out a selection process to put together a team that would design a new stadium in the city, with capacity for 80,000 people and be compliant with FIFA and AFC standards. IDOM, along with other shortlisted teams, was invited to submit a proposal that would answer to a hybrid programme that included a stadium and a shopping centre, giving great importance to the appearance of the building envelope.

The inspiration of IDOM's proposal stems from several significant aspects: Chinese topography, filled with aquatic valleys and successive layers of mountainous profiles; traditional Chinese geometry, representing the Earth (rectangle) and the Sky (circle), and how these are organically added over and under the stands module of the stadium and the movement of traditional Chinese dancing, which inspire a dynamic façade, with several textures and shapes and that includes a dynamic lighting system.

The idea integrates the perimetral shopping centre, which generates a hybrid building that optimizes construction and does away with redundant spaces, forging a spatial link between the city and the stadium. The latter also creates a unique football atmosphere, complying with the highest FIFA standards.

A careful design of pedestrian access points allows for both types of users (shopping centre and stadium) to coincide, and the setting in the plot favours a unique experience when approaching the stadium, whether on foot or by car.

A lightweight roof does a lot for the inner atmosphere of the stadium and generates the protection of a superior landscaped Skywalk: a true perimetral street with unmatched views of the city, contributing commercial and leisure opportunities.

CLIENT
Evergrande

LOCATION
Guangzhou, China

CAPACITY
80.000 seats
+ Shopping Centre

SCOPE
Restricted competitions proposal

AREA
300.000 m^2

YEAR
2019

NEW WATER & LEISURE FACILITY

DESIGN

Proposed adjacent to Christ Church Spire, the Water and Leisure Centre is the opportunity to create a new unique space, only this time, filled with water, a "Water" Cathedral.

The audacious geometry of the hexagon-shaped edifice is compatible with the Spire and makes very efficient use of the site. No sharp corners means it adapts easily to the boundary lines permiting different orientations. The result provides more space in the surrounding area, unobstructed views and an improved movement of pedestrians all around.

The materials and façade design seeks the bronze and stone finish to blend in completely. The louvers control the glare and sunlight, imitating the triangular silhouette of the spires and flowing water.

SCOPE

- Shortlisted competition proposal.
- Leisure Swimming Pool, Fitness Rooms, Rock Climbing.
- Integrated Community facilities.

WHERE WATER MERGES THE PAST AND THE PRESENT

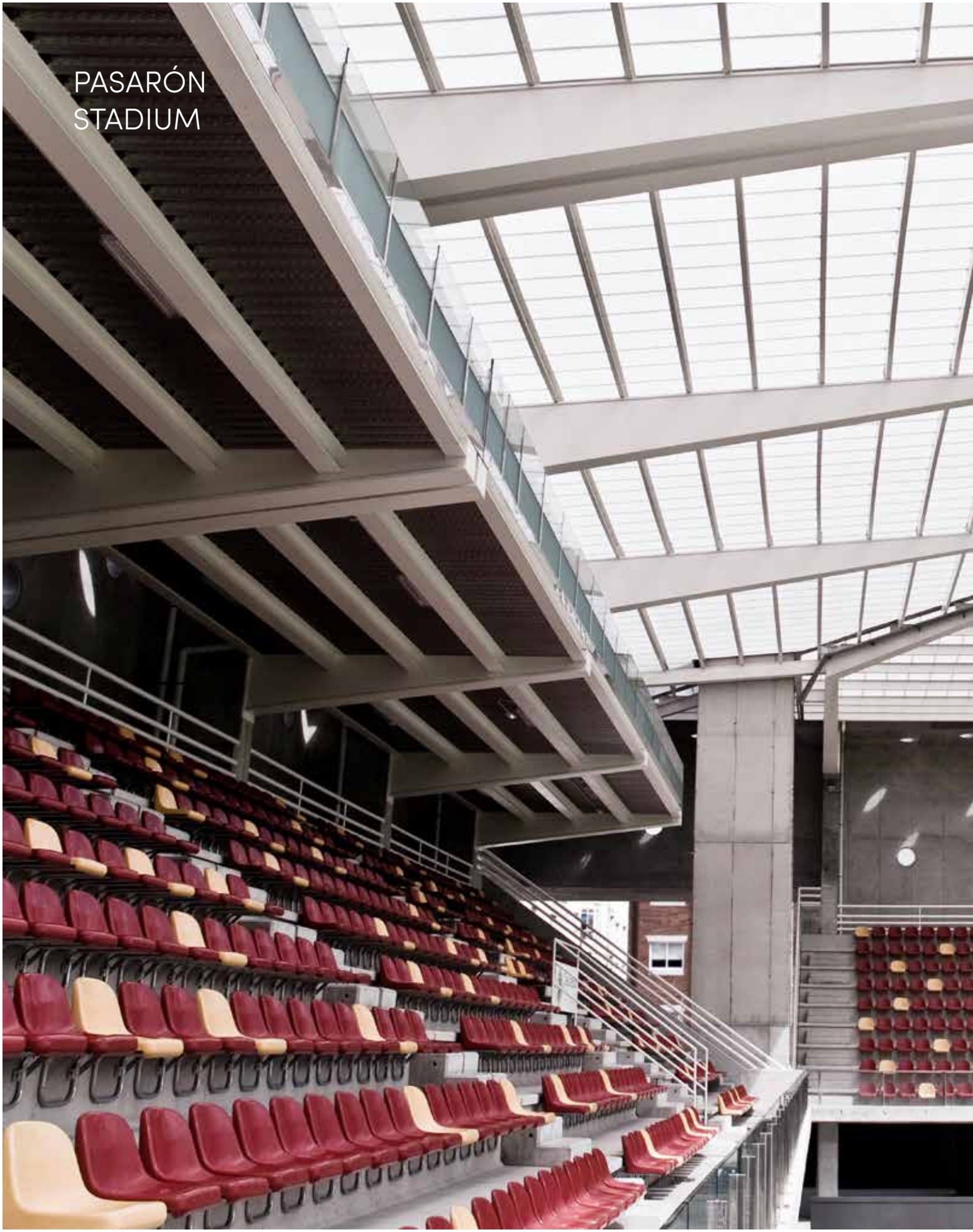
CLIENT
Coventry City Council

LOCATION
Coventry, United Kingdom

AREA
6,785 sqm

YEAR
2015

COMPETITION
PROPOSAL


PASARÓN
STADIUM

DESIGN

In order for the Pasarón Football Stadium to continue being used, the complete remodeling was developed in phases. The demolition and rebuilding of grandstands, roofing and facilities was carried out in sequence. The Stadium's two perimeter grandstands overlap. The lower stand turns into a building foundation opening itself out to the city, the top stand placed above it. The perimeter gallery centralizes all the facilities, open to the pitch and street, enabling a continuous use of the facility.

SCOPE

- Architecture, Structure and MEP engineering projects.
- Interior design, Graphic design and Wayfinding design.
- Site Supervision.

POSITIONING PLAN

GIVING THE STADIUM BACK TO THE CITY

CLIENT
Xunta de Galicia

LOCATION
Pontevedra, Spain

AREA
19,975 sqm

CAPACITY
12,500 seats

CONSTRUCTION COST
11.20 M€

YEAR
2012

NEW MESTALLA

DESIGN

After undergoing a few years of economic constraints in their new home Nou Mestalla, Valencia FC invited selected architects to propose designs to complete its construction and recover the feeling of the Old Stadium with the supporters closer to the pitch providing an intimidating atmosphere. While, improving its all year round functionality at a lower completion cost in comparison to previous budgets.

The decisive issues behind this design are the 63,200 seats, including 5,000 premium and 800 VIP seats and simplifying access to all general seating; the new function of bringing the 1st and 2nd tiers closer to the pitch, and provide optimal independent lower construction cost solutions for the roof and façade.

SCOPE

- Concept Design

CLIENT
Valencia CF

LOCATION
Valencia, Spain

AREA
103,400 sqm

CAPACITY
63,200 seats, including
5,000 premiumand
800 VIP seats

COST ESTIMATE
110 M€

YEAR
2015

ZORROZA SPORTS CENTER

CLIENT
Bilbao Council

LOCATION
Bilbao, Spain

AREA
5,200 sqm

CONSTRUCTION COST
2.8 M€

YEAR
1996

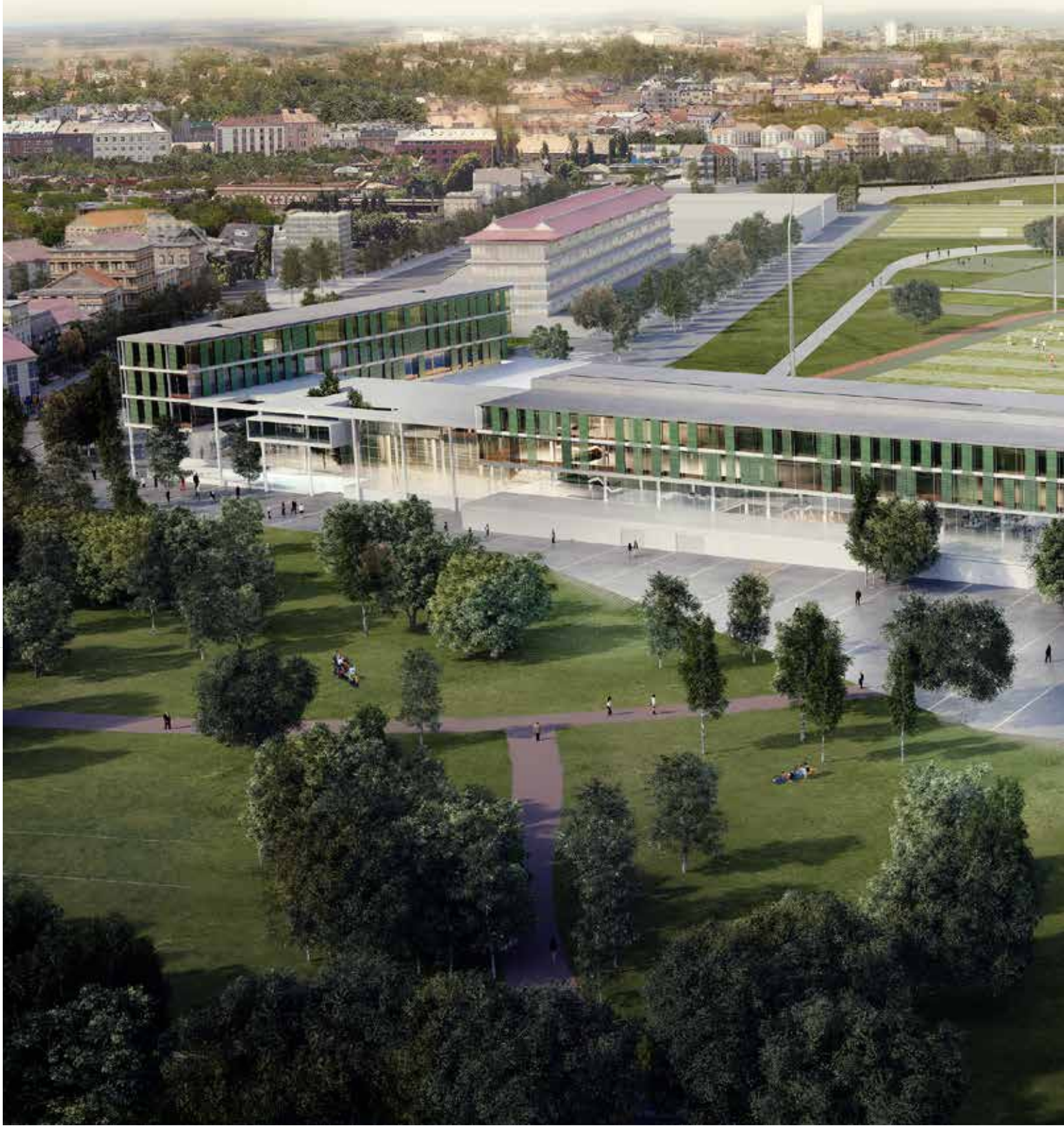
DESIGN

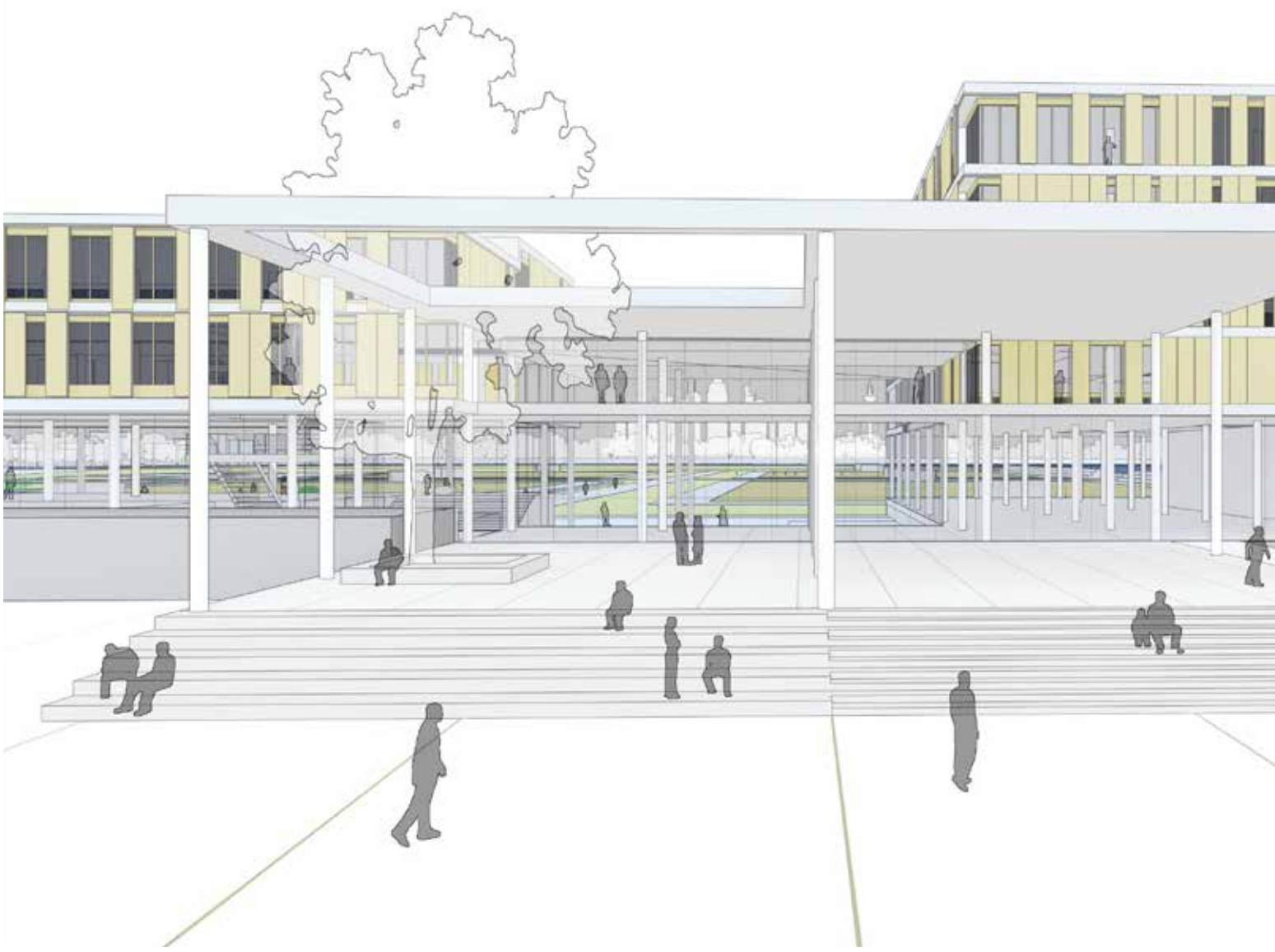
The project provides the Zorroza district of Bilbao a much needed cultural and sports facility. The building is divided into two well-defined sports and cultural areas, resembling two intersecting prisms both linked by an "inner street" with views to the different areas of the building.

SCOPE

- Architecture, Structure and MEP engineering projects.
- Interior design, Graphic design and Wayfinding design.
- Site Supervision.
- Multipurpose Sports Court.

DFB-AKADEMIE



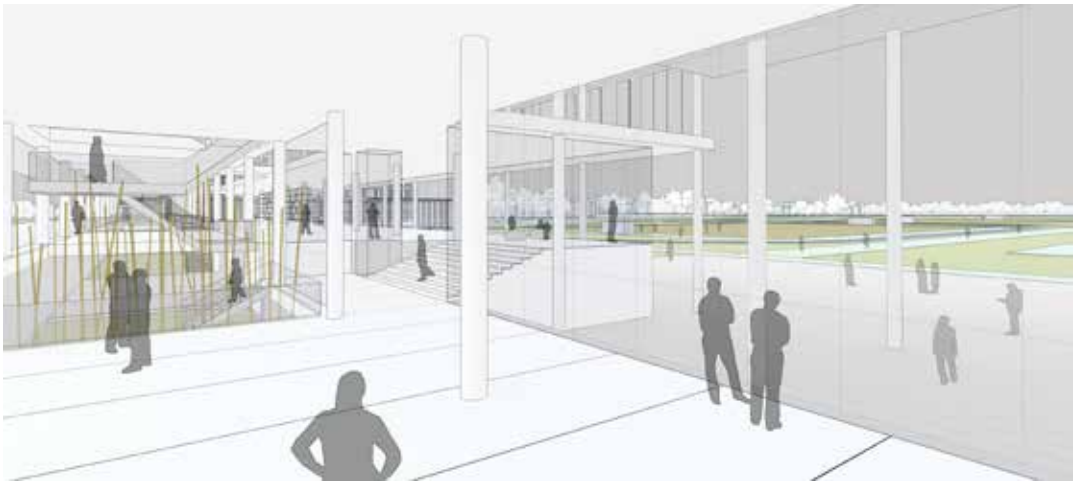


DESIGN

A CITY FOR CHAMPIONS

This architectural and urbanistic proposal for the DFB Akademie aims to provide it with an optimum atmosphere and appropriate personality, not only as the headquarters and sports facility for the world's biggest national team, but also as a home for the players. Designed and optimized to fit into its highly environmental, landscape, historical and urban surroundings, while ensuring its technical and economic feasibility.

The uses at the access level are focused on this interaction, it includes the main entrance hall and restaurant, a cafeteria and conference rooms on the intermediate level providing a magnificent view of the football pitches, courtyards and the Frankfurt skyline. A special visual and crystalline screen has been used to display DFB's trophies.



Given its role as a teaching and research centre, the Akademie is a unique piece of the ensemble, thus it is located in the centre of the complex. The rooms, workshops, classrooms, library and other spaces open out to a void under the double-storey ceiling, receiving light from above through a linear atrium.

Finally, the athletes' quarters linked to the Akademie are located in a three-storied building and provide excellent views over the playing fields the rooms on the east side and the entrances on the west.

SCOPE

- Shortlisted competition proposal.
- National Football Academy, Players Residence.

CLIENT
German Football Federation
(Deutscher Fussbal-Bund)

LOCATION
Frankfurt am Main, Germany

AREA
52,000 sqm

YEAR
2015

COMPETITION PROPOSAL
Runner-up

COLUMBUS CREW STADIUM


AUG 11
6:30PM
KOBE57


CREW

As part of the approach to support the new Ownership group to retain the MLS soccer team in the city of Columbus (Ohio), IDOM developed a Concept Design to tackle the key basis of design and functionality aspects that were driving the design effort for the new home for Columbus Crew:

- 25,000 seats Continuous bowl for enhanced united character and unique tradition experience

- Best sightlines form any position in the Bowl, optimizing the C-Values from every position, and giving proximity to Pitch and Players – Live The Game in a perfect mix of Soccer and Football traditions and atmospheres

- Steep rakes at the Stands, with more than 25º steepness considered, together with a continuous Roof to provide shelter and noise enhancement, technical perfection in lighting and TV Broadcasting. The combination of these two factors ensures amazing Pressure Effect atmosphere

- Best Football Tradition Home End – Defining the largest configuration in MLS for a continuous stand home end.

- Iconic opening to connect to Downtown Skyline, together with large Screenboards at strategic locations to provide an avant-garde overall design

- Access & Seating: Comfortable access to Bowl from Circulation Boulevard, Premium Seating at Lower stand tribune, VIP boxes at Upper stand tribune (Corporate or For-Hire)

- Several Top Quality Food & beverage spaces, from General Admission to Premium & VIP

- Flexibility of use for Event mode, with Retractable seating for stage configuration

- Commercial opportunities, with Integrated Retail opportunities with 365 day-use capabilities and an Event plaza

The resulting Concept Design brings together a World Class Architecture solution, with Iconic features to create a new landmark for the City, using Modern shapes and materials for Roof and Envelope to create iconic Club Identity

The mix of Traditional materials integrated in modern architecture at lower façade elements would keep the Rooting to City tradition, while the Media façade could provide Fan Engagement and commercial opportunities.

CLIENT
Columbus Partnership

BUDGET
$230M

AREA
50.000 sqm

DATE
2018

FUNCTIONS CARRIED OUT
Concept design

SÁNCHEZ-PIZJUÁN STADIUM

CONCEPT

Finalist in a restricted competition, the proposal represents an urban landmark within the Nervión neighbourhood and Seville.

A common element shared by both the façade and roof is adapted to the structure's proposed geometry: two different metal trusses that give shape to the roof and the exterior skin. The geometric joints of the trusses produce high fire resistance rated surfaces lined with a semi-transparent plastic fabric. The design toys with transparency and light.

The entire section is cross-ventilated aerating the skin and preventing the interior from overheating.

SCOPE

- Shortlisted Competition Proposal.
- Complete renovation of Roof & Façade and interior uses.

CLIENT
Sevilla F.C.

LOCATION
Seville, Spain

AREA
90,000 sqm

YEAR
2006

COMPETITION
PROPOSAL

FC BARCELONA MINI ESTADI


PORTA 1
MESSI
10


FCBARCELONA
Telefónica
FCBARCELONA

DESIGN

The project seeks to achieve the best football atmosphere and avant-garde and durable architectural design with low construction and maintenance costs.

The very steep stand design in the interior allows optimum visibility for all spectators intensifying the feeling of a compact stadium with a great football atmosphere.

SCOPE

- Shortlisted Competition Proposal
- Bioclimatic Roof & Façade membrane, LED floodlighting towers, sustainable design services with 10% energy saving and 50% water consumption reduction.

CLIENT
FC Barcelona

LOCATION
Barcelona, Spain

AREA
9,900 sqm

CAPACITY
6,000 seats

COST ESTIMATE
11.4 M€

YEAR
2015

COMPETITION
PROPOSAL

PAU GASOL SPORTS CENTER

DESIGN

The design addresses the refurbishment and enlargement of the old Sant Boi de Llobregat Sports Centre. Commencing with the pre-existing football field and outdoor pools, the new brief includes pools and dressing rooms, a new sports centre and a football field. A single green roof solves the programme's roofing issues. The solution for the different heights required is provided by excavating the sports centre in order to avoid fragmenting the buildings.

The circulation of users and spectators is solved using box trusses to support the green roofing system. These also contain the HVAC and electrical services as well as the solar evacuated tube collectors used to heat the swimming pool water.

SCOPE

- Architecture, Structure and MEP engineering projects.
- Interior design, Graphic design and Wayfinding design.
- Site Supervision.
- Multipurpose Sports, Leisure Swimming Pool, Paddle Tennis, Gyms, Outdoor Football Pitch.

CLIENT
Sant Boi de Llobregat Council

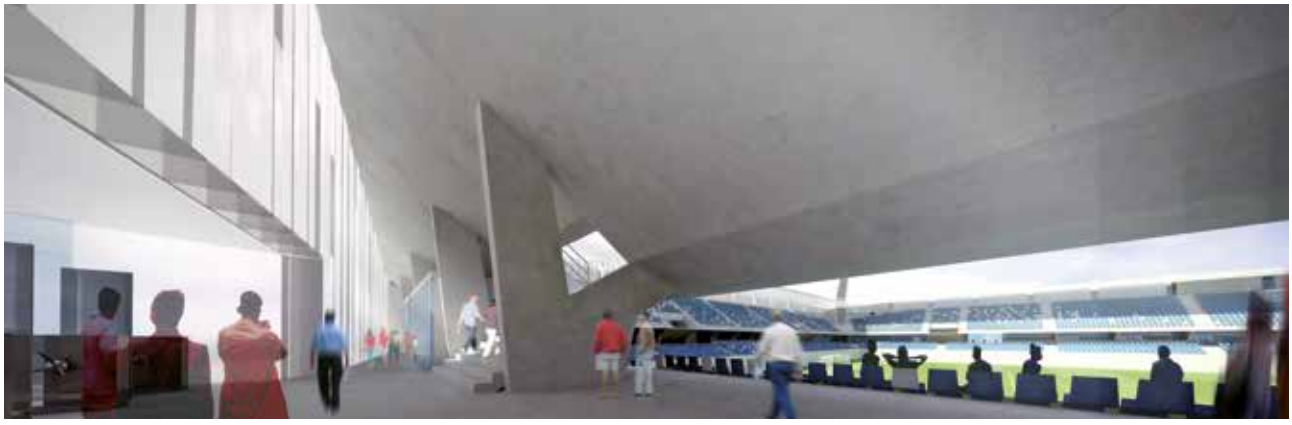
LOCATION
Sant Boi del Llobregat, Spain

AREA
8,700 sqm

CONSTRUCTION COST
7.6 M€

YEAR
2006

FOOTBALL STADIUM ALCALÁ DE GUADAIRA



The new stadium in Alcalá responds to a new integrated sports-business approach. The project undertakes the new programme by ensuring that both uses relate visually to each other while having a different physical make up. Using veils and textures, the sports facility appears inside the commercial area and is projected outward throughout the entire perimeter.

From a conceptual standpoint, the stadium is covered by a translucent layer, with an internal metallic structure for the roof and enclosure. The covered layer lights up at night, including the four towers, the true icons of this project. The towers, located on the four corners of the field, act as old farmhouse and estate counterweight towers, dominating the horizontal section and highlighting the site in the landscape. The stadium's horizontal section and towers can be clearly distinguished from the motorway.

The stadium will be seen through the office building, covered by a drilled galvanized steel sheet enabling people to sense the interior.

SCOPE

- Ideas Competition

CLIENT
Alcalá de Guadaira Council

LOCATION
Alcalá de Guadaira, Spain

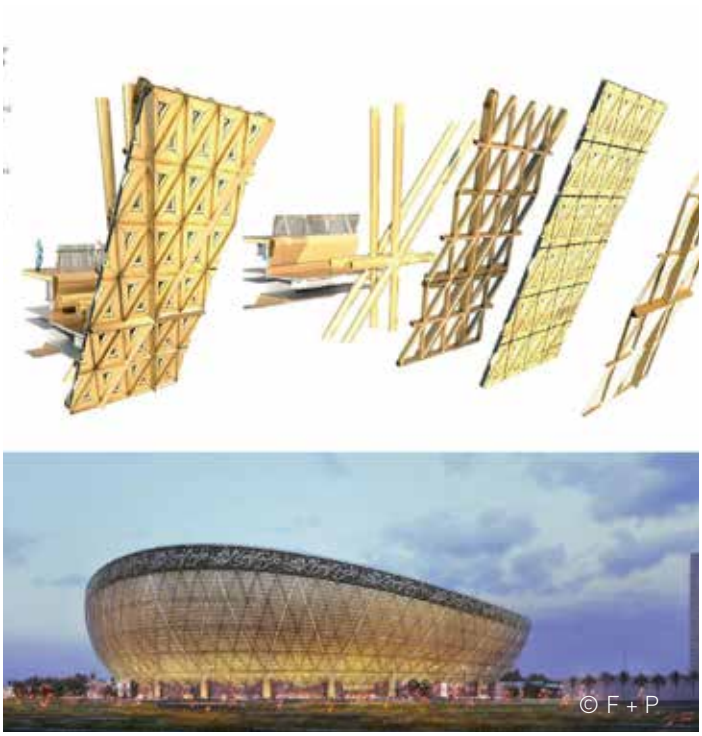
AREA
16,000 sqm

COST ESTIMATE
9 M€

YEAR
2008

COMPETITION PROPOSAL
1st Prize in
Preliminary Competition

LUSAIL STADIUM



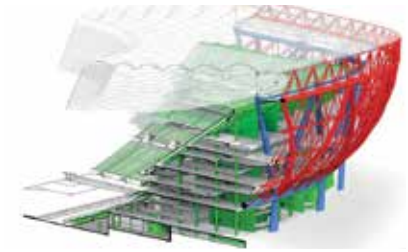
The ACCIONA-REDCO ALMANA JV was pre-qualified to tender for the Lusail Stadium Project in Qatar. The project Architect is Foster+Partners and the Engineering office is Arup. The scope agreed with IDOM was to provide a Consultancy service to assist in the Technical Proposal submittal of the Lusail Stadium Design-Build Tender, specifically on MEP engineering, and to propose a range of scope for assistance to the JV during the Construction Phase.

The assistance during Tender was performed after analysing the instruictions to Tenderers issued by the Client, and was focused in providing savings at MEP services implementation, savings at Energy consumption and Eficiency in the MEP services use.
IDOM's approach for the Construction Phase assistance was to provide the key professionals to add value to the JV engineering department organization, rather than providing a fully externalized engineering team. This ensured a full integration of the valuable expertise of IDOM in Stadia in the JV organization, and reduced costs in Design Management for the JV.

The architectural consultancy was performed by Fenwick Iribarren Architects, and the structural consultancy was undertaken by Fhecor.

SCOPE

- Concept design analysis and value engineering.
- Integrated MEP Services and facilities.



SECTION
© F + P

CLIENT
The Supreme Committee

LOCATION
Lusail, Qatar

AREA
161.000 sqm

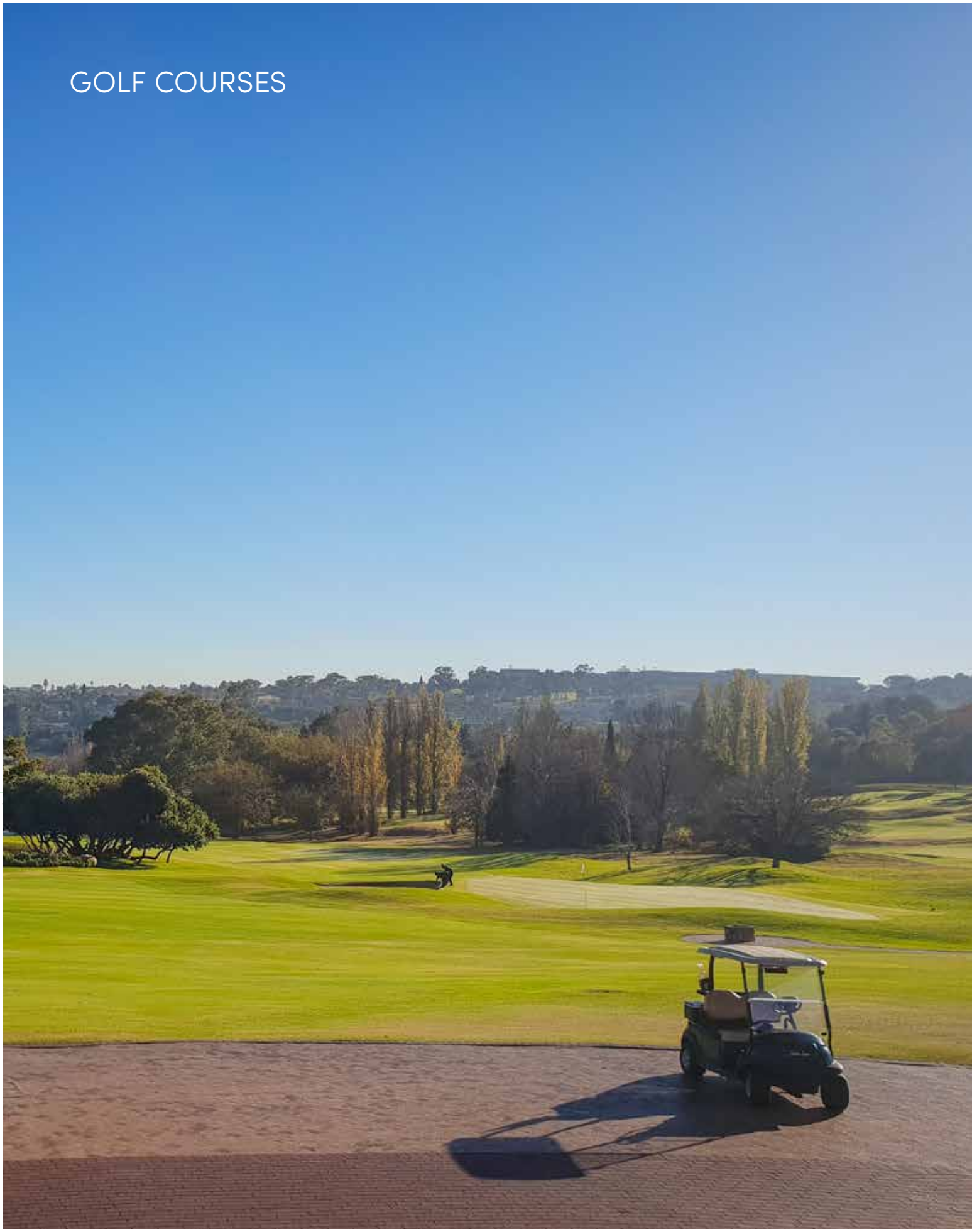
CAPACITY
80,000 asientos

COST ESTIMATE
N/D

YEAR
2016

ESTIMATED COMPLETION
Agosto 2021

GOLF COURSES



IDOM has broad experience in Design, Planning and Project & Construction Management of Golf Courses, strengthening our multidisciplinary teams with experts at the more specific disciplines involved in such projects, aiming to provide our Clients with the best professional service required at each situation.

COURSE	CLIENT	START	CONSTRUCTION END	CHARACTERISTICS
Villaitana, Alicante, Spain	Xeresa Golf	2000	2001	18 holes
Ganguren Golf, Bilbao, Spain	Club de Golf de Artxanda	2002	2004	18 holes
Bilbao Golf, Bilbao, Spain	Club de Golf de Artxanda	2002	2004	9 holes
Roda Golf, Murcia, Spain	Roda Golf	2003	2004	18 holes
Corvera Golf, Murcia, Spain	Roda Golf	2004	2004	18 holes
Hato Verde Golf, Sevilla, Spain	Realia Business	2003	2005	18 holes
Saidia Golf Lacs, Saidia, Morocco	FADESA	2004	2006	18 holes
Saidia Golf Teelal, Saidia, Morocco	FADESA	2004	2006	18 holes
Campo Real, Torres Verdas, Portugal	Turcifez Invest Imoturisticos	2002	2012	18 holes

VILLAITANA GOLF

The scope of services rendered involves the integrated management for the Villaitana Golf complex, located in Alicante province, between the Benidorm and Finestrat Municipalities.

Access to the complex is possible from an internal axis creating several branches to reach the Club House, the sport facilities ad the Hospitality complex.

The Golf Course, designed in collaboration with Nicklaus, corresponds with the american standard of wide fairways and exquisitely formed greens, to enjoy wonderful views to the Mediterranean coast and the Finestrat mountain range.

SCOPE

-Integrated Project
- Construction Management

CLIENT
Xeresa Golf, S.A.

LOCATION
Alicante, Spain

COURSE TYPE
18 holes – Par 72

DESIGNER
Nicklaus Design
e IDOM

AREA
92 ha

COMPETITION LENGTH
6.576 m

DATE
2000-2001

GANGUREN GOLF

CLIENT
Club de Golf Artxanda

LOCATION
Bizkaia, Spain

COURSE TYPE
18 holes – Par 71

DESIGNER
IGD (José María Olazábal) e IDOM

AREA
40 ha

COMPETITION LENGTH
6.105 m

DATE
2002-2004

The scope of services rendered involves the complete landscaping project, together with the Course accesses and circulations projects.

Golf course designed in collaboration with José María Olazabal and located near to Ganguren mountain, in Bizkaia (Spain).

It counts with a Social Club and Restaurant, shop and Practice range.

SCOPE

-Access, circulations and Landscaping projects

BILBAO GOLF

CLIENT
Club de Golf Artxanda

LOCATION
Bizkaia, Spain

COURSE TYPE
9 holes – Par 33

DESIGNER
IGD (José María Olazábal) e IDOM

AREA
12 ha

COMPETITION LENGTH
2017 m

DATE
2002-2004

The scope of services rendered involve the design and definition of the the complete landscaping project, together with the Course accesses and circulations projects.

Golf course originally designed as part of Club de Golf Artxanda, in collaboration with José María Olazabal and located in Larrabetzu, Bizkaia (Spain).

It counts with Practice range, 3 driving range platforms (60 positions), putting green and shop.

SCOPE

-Project in collaboration with Jose María Olazabal

RODA GOLF & BEACH RESORT

Master Plan designed based on a previous partial plan developed by a third party. Defining the building footprint and developing the green areas at each plot, as well as the solar exposure and views created by the locations and volumes.

The 18 Holes / Par 72 Golf Course, designed in collaboration with Dave Thomas, has a 6.177m lenght on a rolling land surrounded by Mediterranean vegetation.

It counts with: Golf academy, Artificially lighted practice range with sheltered individual positions, putting and chipping Green and Club House with gastronomic restaurant.

SCOPE

-Masterplan

CLIENT
RODA GOLF & BEACH RESORT, S.L.

LOCATION
Murcia, Spain

COURSE TYPE
18 holes – Par 72

DESIGNER
Dave Thomas e IDOM

AREA
52 ha

COMPETITION LENGTH
6.177 m

DATE
2003 – 2004

CORVERA GOLF & COUNTRY CLUB

CLIENT
RODA GOLF & BEACH RESORT, S.L.

LOCATION
Murcia, Spain

COURSE TYPE
18 holes – Par 72

DESIGNER
IGD (José María Olazábal) and IDOM

AREA
70 ha

COMPETITION LENGTH
6.148 m

DATE
2004

Golf Resort in Corvera municipality in Murcia, on a development of an 18 hole golf course integrating different housing typologies surrounding it. 25% detached housing, 30% semi-detached, and 45% apartments.

A Central Services building works as a unifying element, with retail area, Golf Club House and a Hotel, as well as diverse sport facilities with paddle-tennis and tennis courts, swimming pools and multipurpose courts, on top of the golf course itself

SCOPE

-Masterplan

HATO VERDE GOLF

Designed in collaboration with Manuel Piñero, the 18 hole / Par 71 Golf Course provides holes at accessible distance and movement greens, making this an easily walkable course with reduced effort to complete the entire course. A Course with perfect conditions for Seniors, Ladies and Juniors to enjoy.

The practice range counts with Driving Range with grass and mat bases, and putting green, chip, and approach.

800 semi-detached housing were designed surrounding the Course

SCOPE

-Integrated Project
-Construction Management and Site Supervision

CLIENT
REALIA BUSINESS S.A.

LOCATION
Sevilla, Spain

COURSE TYPE
18 holes – Par 71

DESIGNER
Manuel Piñero and IDOM

AREA
38 ha

COMPETITION LENGTH
5.660 m

DATE
2003 – 2005

SAÏDIA GOLF LACS

Part of the Marina Saïdia Resort with 650 hectares of land, this general project is designed to be developed in phases. It counts with Convention Hall, Marina, Golf courses, Villas, Apartments, Touristic residences for rent and Hotels, capable of receiving a vocational population of 30.000 people.

Saïdia Golf Lacs is the first of the 3 Golf courses integrated in Marina Saïdia Resort. Designed in collaboration with Francisco Segalés and FADESA's technical team, it is ideally set in a clear Waters surrounding, with spectacular views to the local vegetation.

SCOPE

- Masterplan
- Services, infrastructures and Landscaping projects

CLIENT
FADESA INMO-BILIARIA, S.A.

LOCATION
Saïdia, Marruecos

COURSE TYPE
18 holes – Par 72

DESIGNER
Francisco Ségales, FADESA and IDOM

AREA
78 ha

COMPETITION LENGTH
6.218 m

DATE
2004 – 2006

SAÏDIA GOLF TEELAL

Part of the Marina Saïdia Resort with 650 hectares of land, this general project is designed to be developed in phases. It counts with Convention Hall, Marina, Golf courses, Villas, Apartments, Touristic residences for rent and Hotels, capable of receiving a vocational population of 30.000 people.

Saïdia Golf Lacs is the second of the 3 Golf courses integrated in Marina Saïdia Resort. This course has dunes, old-style bunkers and exposed sand giving it a wild look. The slopes, rolling lands and winds allow for creative golf playing.

SCOPE

-Masterplan
-Services, infrastructures and Landscaping projects

CLIENT
FADESA INMO-BILIARIA, S.A.

LOCATION
Saïdia, Morocco

COURSE TYPE
18 holes – Par 72

DESIGNER
Francisco Ségales, FADESA and IDOM

AREA
50 ha

COMPETITION LENGTH
6.016 m

DATE
2004 – 2006

COMPLEJO TURÍSTICO CAMPOREAL

Integrated management combining a large open space, residential área, Hotel, Golf Course and green áreas as infrastructures providing wellbeing and quality of life.

The Golf Course sits on a land formerly used by the Portuguese royal family as a hunting reserve, and has a winding course among the hills, valleys and vineyards of Serra do Cocorro and Archeira in the West, a perfect fit for any type of player. The facilities provide a Golf academy, Practice range (2 main tees, 2 chipping greens and 2 putting greens), Club House y sports shop.

SCOPE

-Integrated Project
-Construction Management.

CLIENT
TURCIFEZ-INVEST. IMOTURISTICOS

LOCATION
Torres Verdas, Portugal

COURSE TYPE
18 holes – Par 72

DESIGNER
Donal Steele e IDOM

AREA
52 ha

COMPETITION LENGTH
6.009 m

DATE
2002 – 2012

ROWING CANAL FOR MADRID 2016

DESIGN

Several architectural competitions were awarded and subsequently not developed for Madrid's 2016 bid to host the Olympic Games, given that the Olympics were finally awarded to Rio de Janeiro.

The awarded proposal for the Rowing Canal is located in Getafe, its permanent buildings designed as large stranded sloping planes placed within the ground. The temporary structures consist of canvas-roof slanting walls, designed to be reused after the Olympics.

The Rowing Canal is considered the best use for the plot of land's natural slopes to increase spectator capacity, with seating stands on the opposite side. The solid stands and Judges' Tower would conceal the mechanical rooms and access canals.

SCOPE

- Man-made Rowing Canal.
- Legacy Mode Reusable Temporary Structures.

CLIENT
Madrid 2016 Olympic Bid

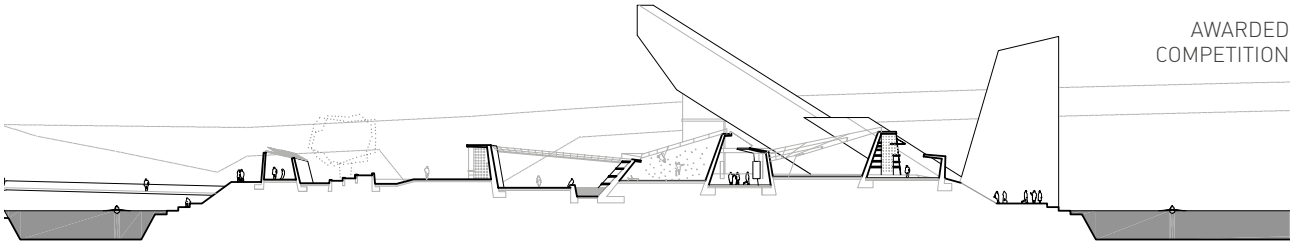
LOCATION
Madrid, Spain

AREA
600,000 sqm

COST ESTIMATE
80 M€

YEAR
2008

AWARDED
COMPETITION



GOBELA SPORTS CENTER

DESIGN

The programme is organised in three sections: the sports centre, sports pavilion and football ground. 1,500 m2 of shopping space and an underground car park for 350 vehicles were also envisaged. The three sections have independent access points, freedom of uses and operation preventing interference between the flow and circulation of people.

The different sections of the complex are not randomly placed, but are positioned to take into consideration their future roles. Therefore, to enable quick and easy evacuation the stands of the football pitch have been located along the main road. The swimming pool, one of the more crowded facilities, is close to a main entrance, and the sports pavilion adapts itself to the geometric shape formed by the two-road intersection.

SCOPE

- Architecture, Structure and MEP engineering projects.
- Interior design, Graphic design and Wayfinding design.
- Site Supervision.
- Multipurpose Sports Court, Gyms, Swimming Pool, Outdoor Football Pitch.

CLIENT
Getxo Council

LOCATION
Getxo, Spain

AREA
24,500 sqm

CONSTRUCTION COST
12.7 M€

YEAR
2005

PINOSOLO SPORTS CENTER

DESIGN

The Project is part of an ambitious Plan by the Leioa Council to become a sports reference within the Greater Bilbao area.

It seeks to improve the existing sports premises, be a reference for aquatic facilities and host sports competitions. Despite its large volume, the building integrates perfectly into its surroundings, minimizes its visual impact and links the town centre with Pinosolo Park.

The building hosts a multitude of sports activity areas, however, the aquatic area stands out from the rest with three swimming pools, including a 50 metre pool and a modern spa area.

CLIENT
Construcciones y Promociones Balzola

LOCATION
Leioa, Spain

AREA
37,350 sqm

COST ESTIMATE
30 M€

YEAR
2014

CONCEPT DESIGN
DEVELOPMENT

IURRETA SPORTS CENTER

DESIGN

The new sporting facilities project included a swimming pool, athletics track and multipurpose sports court. Partially inserted into a slope, the volume above ground level is minimised to reduce its impact on the surrounding area. The roof structure is designed for walking on and acts as a window to the sports fields and landscape.

The building has no façades. The sole architectural argument used is that of constructing and controlling light. The landscape from water level is viewed through a single glazed front, acting as a backdrop for swimmers, producing an exceptionally unidirectional space. Furthermore, direct overhead light comes in through two panels of glazing.

The building's main entrance is located on the roof deck. Access to the interior is gained from the square on the western side, down a spiral staircase connecting both levels. The idea is to create the characteristic atmosphere of Roman baths through the use of materials and light.

SCOPE

- Architecture, Structure and MEP engineering projects.
- Interior design, Graphic design and Wayfinding design.
- Site Supervision.
- Multipurpose Sports Court, Athletics Track, Indoor Swimming Pool.

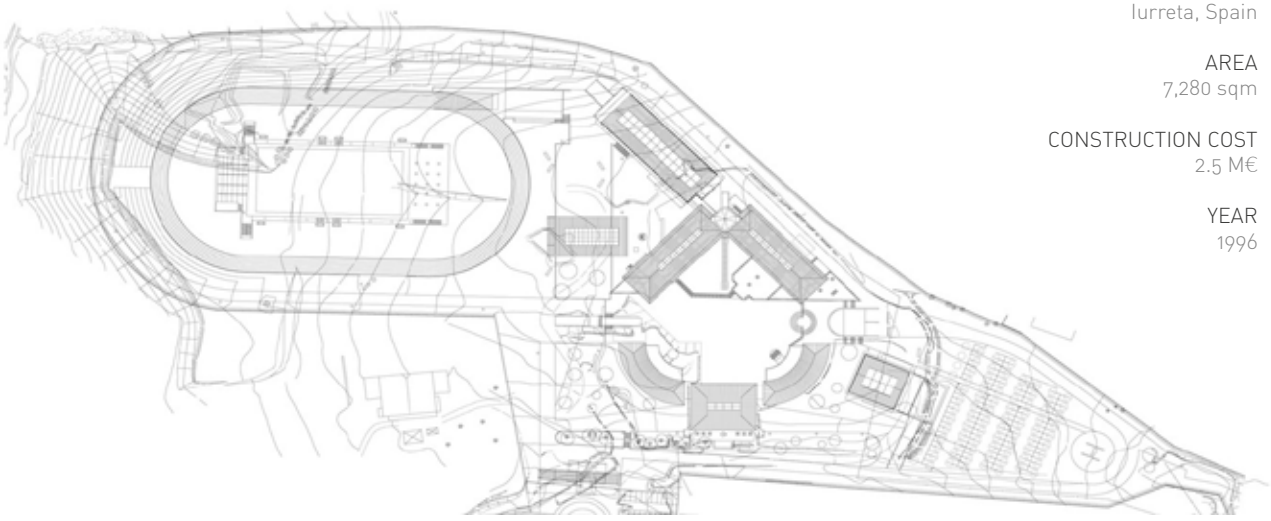
CLIENT
Basque Government

LOCATION
Iurreta, Spain

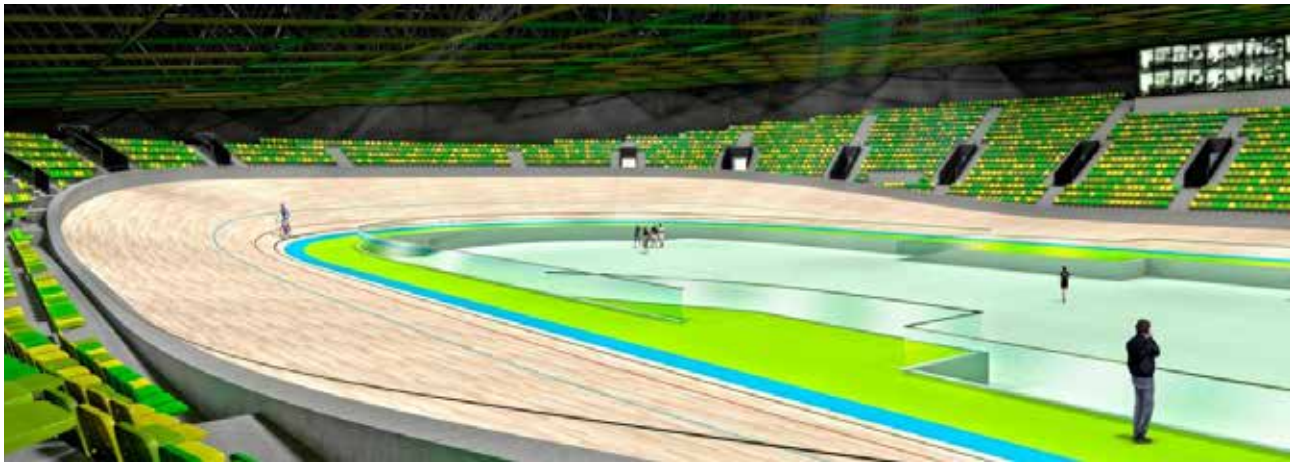
AREA
7,280 sqm

CONSTRUCTION COST
2.5 M€

YEAR
1996



MEDELLÍN VELODROME



The architectural and urbanistic proposal seeks to create a new multifunctional venue in the city of Medellin. Inspired by the city's Flower Festival, the building's façade creates a whirlwind of flowers, giving it a powerful visual image while concealing facilities and auxiliary services.

The building on the inside contains a multifunctional space for official indoor cycling competitions, but is also appropriate as an arena for cultural and social events, thanks to the design's functional flexibility.

SCOPE

- Shortlisted competition proposal.
- Multifunctional approach, UCI regulations compliant facility.

CLIENT
Medellin Council

LOCATION
Medellín, Colombia

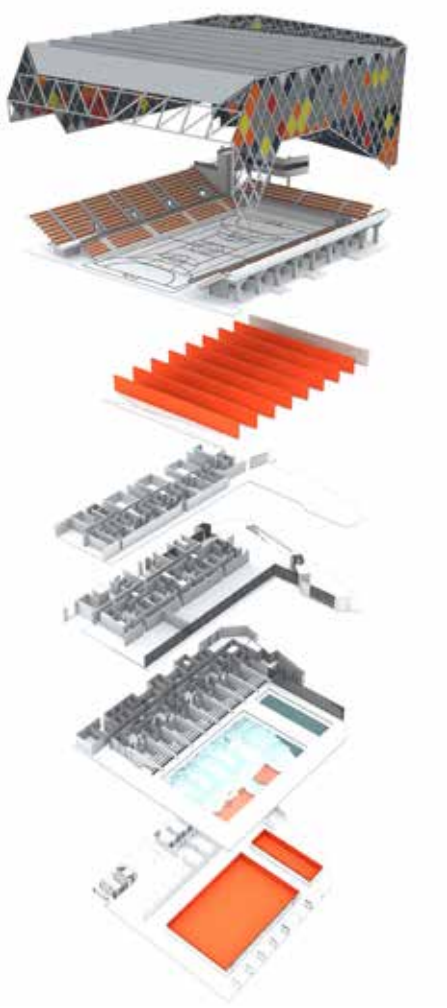
AREA
15,750 sqm

CAPACITY
3,000 seats

YEAR
2013

COMPETITION
PROPOSAL

NOU MOLES SPORTS CENTER



The project is comprised of a 38x53 sqm multipurpose court with a seating capacity of 2,500, plus three modular training rooms and a weight training room.

This project is situated on a compact plot, consequently different levels are used to provide the solution:

- Access Level: the main entrance lobby, reception and access control, café, training and weight rooms and their corresponding changing rooms.
- Upper Level: the multipurpose sports court.
- Lower Level: the swimming pool, changing rooms and adjoining structures on the southern part of the site, and the car park (in basements 2 and 3) on the northern part.

SCOPE

- Architecture, Structure and MEP engineering projects.
- Multipurpose court with a seating capacity of 2,500, Gyms and Swimming Pool.

CLIENT
Valencia City Council

LOCATION
Valencia, Spain

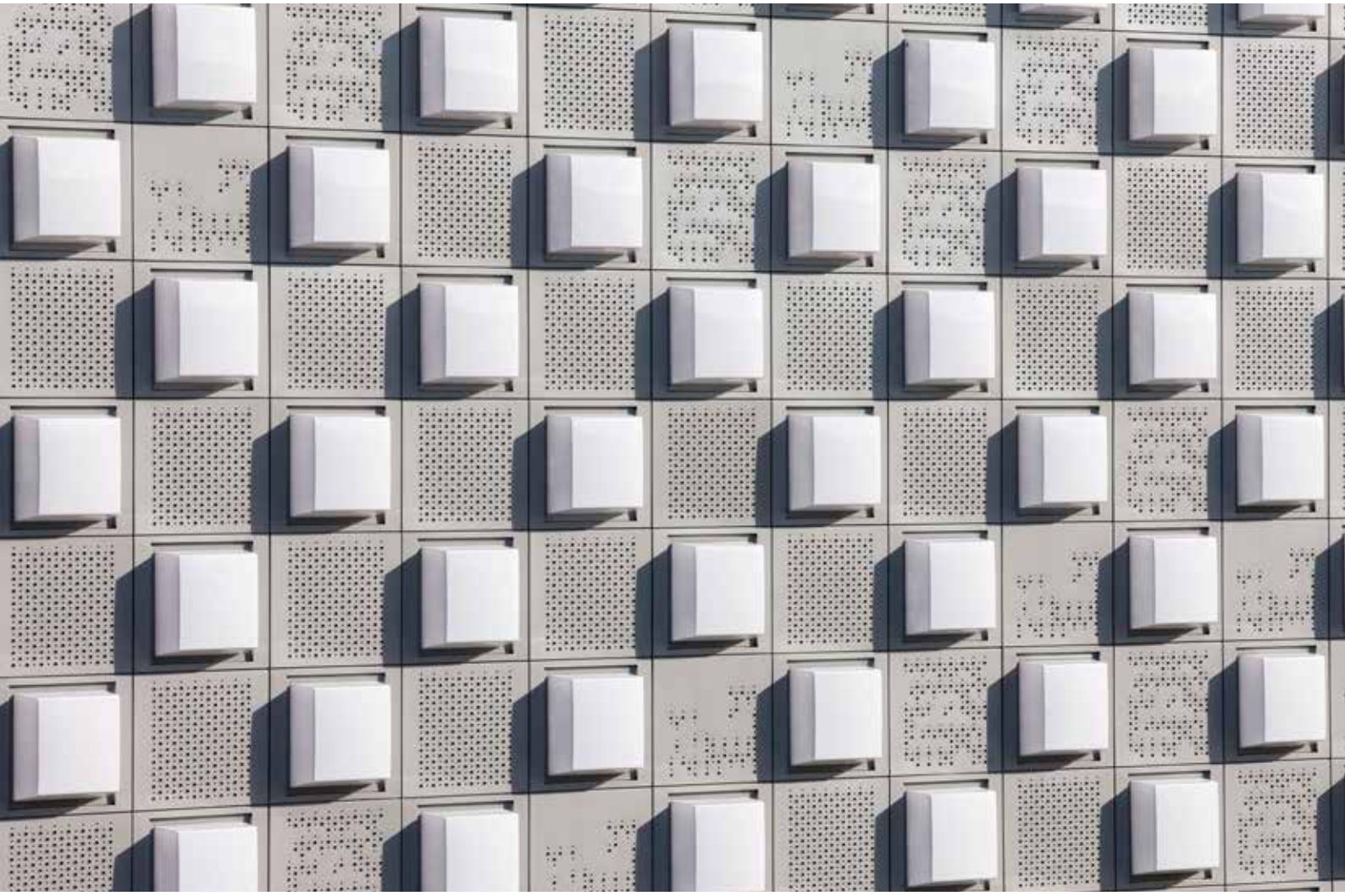
AREA
14,000 sqm

COST ESTIMATE
10.3 M€

YEAR
2011

AWARDED
COMPETITION

NAVARRA ARENA



DESIGN

The Government of Navarre is the developer behind this project to host all kinds of sporting events (including Champions League Handball and Basque Pelota Finals), as well as cultural and professional events under a capacity size, versatile and equipped roofed pavilion. The building accommodates the following uses:

- A Multipurpose Centre Court accommodating up to 10,000 spectators in movable stands, enabling different configurations according to the event or show.

- A multifunctional auxiliary track, providing support for the Centre Court or for smaller events.

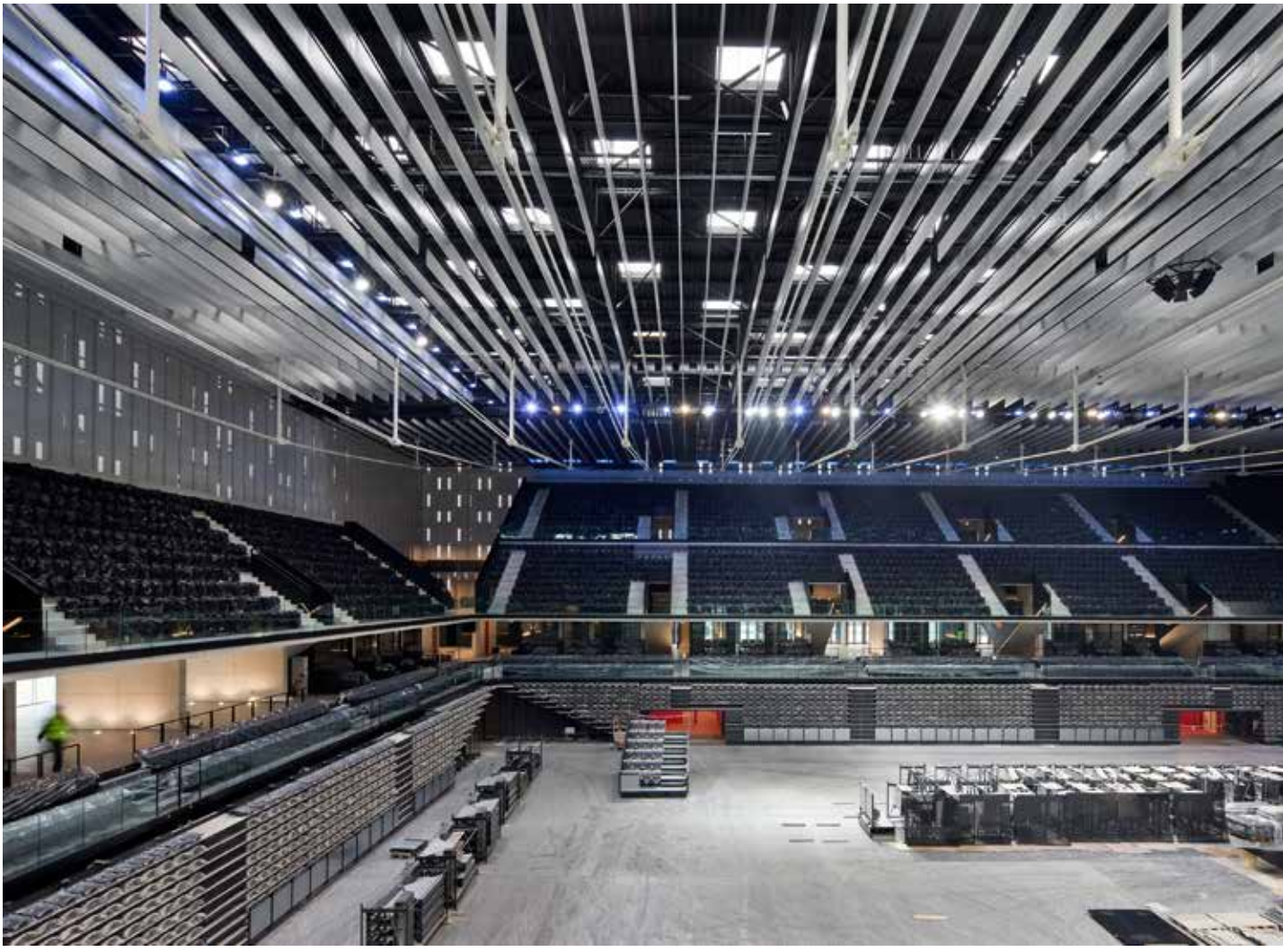
- A Frontón for professional Basque Pelota Finals, seating 2,500 spectators.-

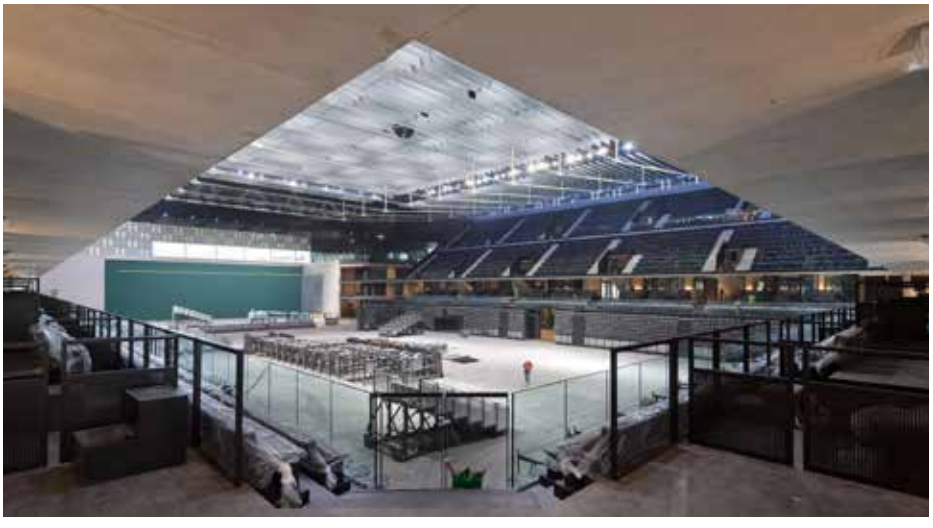
Various multipurpose and support rooms, sports museum, childcare, play center, press room, conference room and a range of services (administrative, medical, sports), cafeteria, etc.

- Underground parking capacity and unloading area, mobile radio units and TV area, concert stage, etc.

SCOPE

- Design: Tellechea y Militino Architects
- Project Management, including feasibility analysis.
- Construction Management with Site Supervision.
- Complete Tier Retractable system for concert con figurations.





CLIENT
Sociedad de promoción de Inversiones e Infraestructuras de Navarra, S.A.(SPRIN)

LOCATION
Pamplona/Iruñea, Spain

AREA
45,630 sqm

CAPACITY
Multipurpose court :
10,000 seats
Basque pelota court :
2,500 seats

CONSTRUCTION COST
41.8 M€

YEAR
2012


DERBY ARENA

PROGRAMME

The construction contract involved designing and building a Multi-Sports Arena and a surface level car park with 1150 car parking spaces.

IDOM's role – working with the Main Contractor at the pretender stage, including assessment of ground contamination risks, greatly assisted in the preparing a successful bid.

Following award of contract, IDOM undertook the remedial and temporary works design, construction phase environmental plan and the validation of contamination mitigation measures.

SCOPE

- Design: FaulknerBrowns Architects
- Remedial design,Temporary works design.
- Construction phase environmental management.
- Indoor Sports and Events, featuring Badminton, Volleyball, Netball and Basketball configurations.

CLIENT
Derby City Council

LOCATION
Derby, United Kingdom

AREA
6,785 sqm

CAPACITY
1,500 seat capacity, with additional Hospitality seating

CONSTRUCTION COST
28.5 M£

YEAR
2014

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Send your comments to
Ana Román Escobar
aroman@idom.com

Composition:
Gontzal Martinez Artetxe
Javier Dávila de Eusebio
Ana Román Escobar

Translation:
Luis Rivero

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