IDOM

IDOM ARCHITECTURE

17X3 WORKS AND PROJECTS

17X3

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ARCHITECTURE

IDOM

11 April 2016

Almost five years have passed since our last publication of Idom's architectonic work. During this time, many projects have been carried out, both in new geographies and in multiple sectors. All that encouraged us to republish an updated edition.

Comparison between that volume and this one is evidence of the team's maturing process and of greater international presence. With an eye on the future, this fills us with enthusiasm.

I would like to take the opportunity to encourage the entire team to stay on this path. I am convinced that we will have the chance to celebrate new projects and endeavours.

Fernando Querejeta San Sebastián
President of Idom

17X3+9WORKS AND PROJECTS

In order to be an architect, seek excellence and have the deserved recognition, it is mandatory to land in the field of realization. Showing real work, whether it be in the making or already built, but alive. It is the expression of a quest, of intentions. It all shows the capability, the quality, the desire to serve, the eagerness and the transformation effort of those who conceive it.

In this document we gather a selection of architectural work carried out entirely – from its conception to its development – by Idom professionals. They have been organised by sectors to illustrate the variety of situations in which we work. For space reasons we have voluntarily limited the selection to three works per sector. Behind this sample there are many more, all of which are useful and with meaning to us.

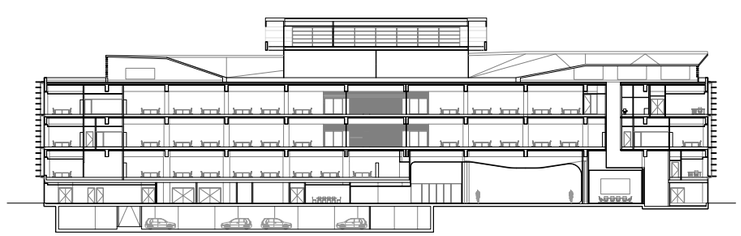
With this publication we intend to share our reality, to show our approach to whoever might be interested and expose ourselves to healthy criticism. The current panorama is possibly too hurried and lacks repose, that calmness given by the rhythm of he who works free from the pressing need of short term success. In our case, we like to stress long term trajectory, a project which transcends, in time, even those who at this time make it up. To live on in the future as an evolution of a mentis form, a way of understating architecture itself.

The multidisciplinary conception of our team allows us to cover all the demanding specialities that the practice of architecture entails today. This aspect fills us with great satisfaction, that of being able to take on, in a true holistic manner, all work, whether big or small. We feel part of a team that enriches us and sets improving challenges before us, while at the same time inviting each one of us to find our own place and to develop a true personal trajectory.

We seek a new sensibility, a new methodological approach, a different view to more freely confront a different balance between praxis and theory, reflection and the executive process, the urgent daily decisions and those transcendent motivations that everyone faces in their professional and personal development.

IDOM OFFICE

Bilbao

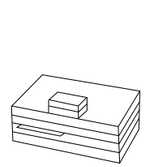


Section

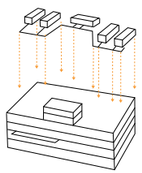
The building is an important step towards the recuperation of the industrial area of Zorrozaurre, where it is located. It was planned conserving the concrete structure of the old bonded warehouse, over which a skin appears, like a carpet, artificial and natural, which is just placed over the roof, folding itself over the machinery and descending down the façades like a blind.

The inside is made up of horizontal and open space. Comfort, communication and air, acoustic and visual conditioning have been the design guidelines for the working areas.

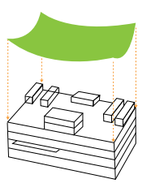
Client Idom Area 14,400 m² Date 2011 Recognition Finalist WAF Awards, World Architecture Festival, 2012, LEED Gold, Calener A.



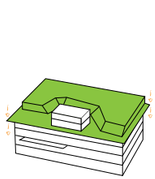
THE EXISTING BULDING



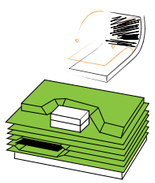
THE MACHINES



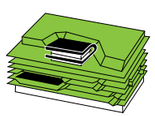
THE FLYING CARPET



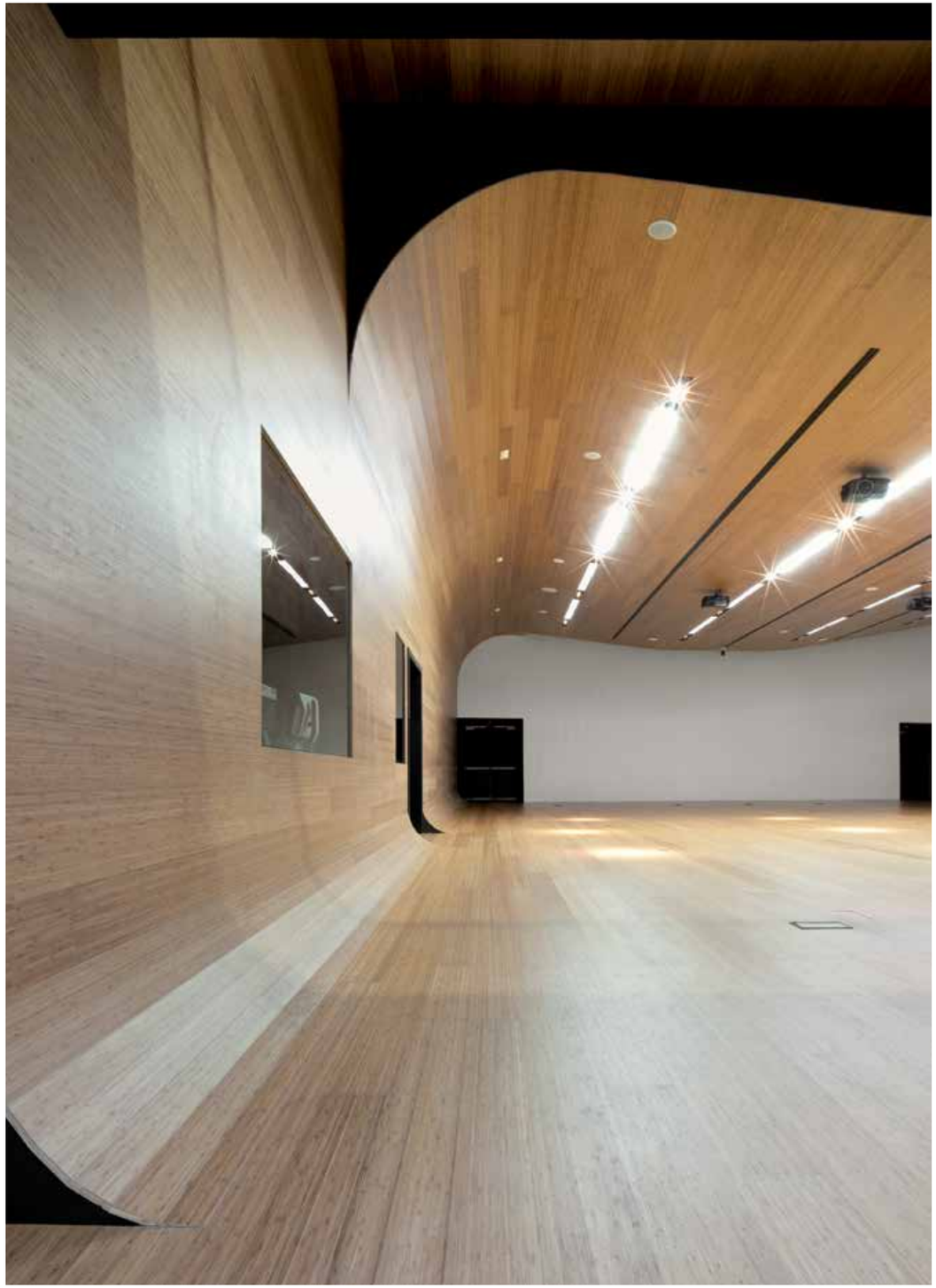
THE CARPET EXTEND



THE HAT

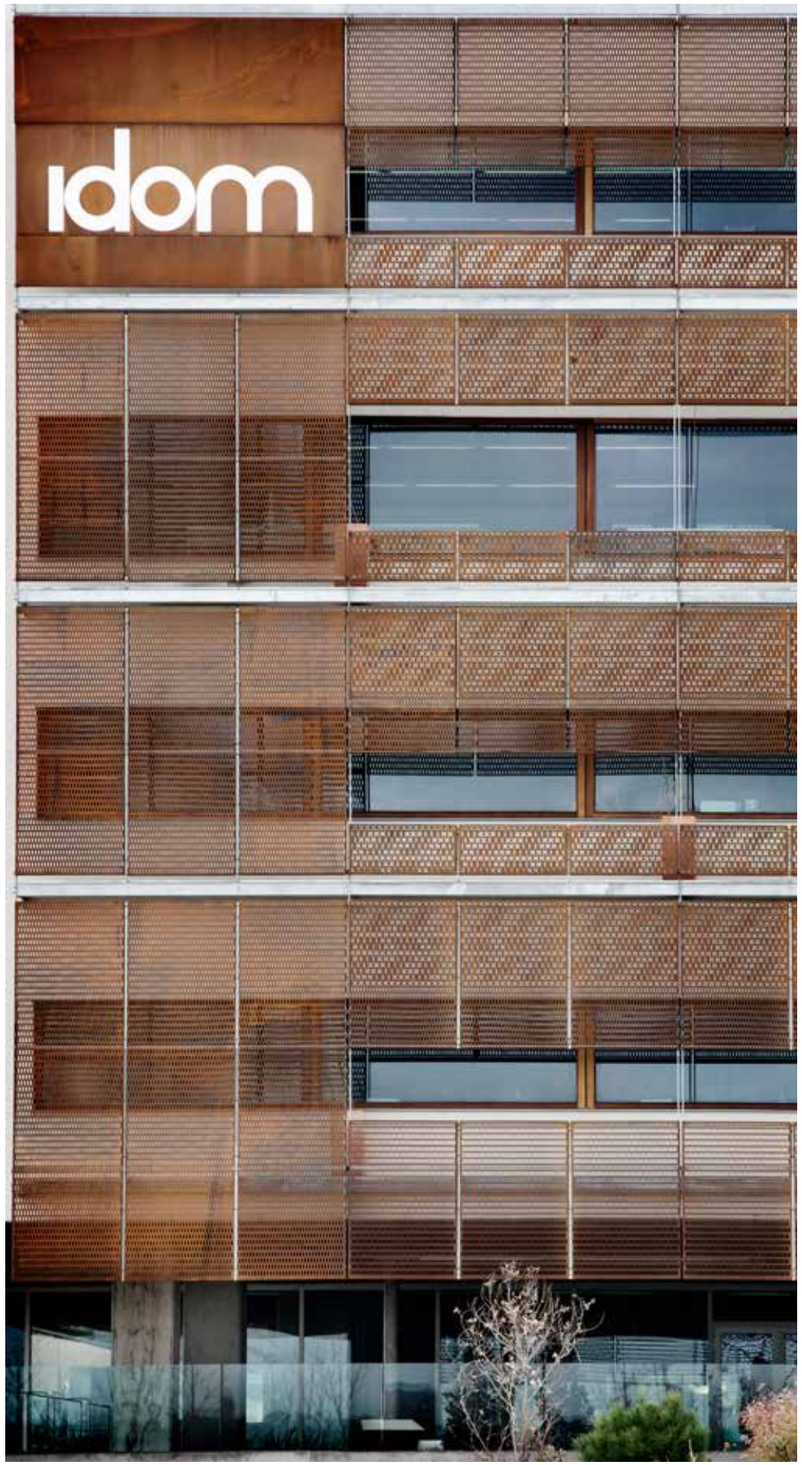


THE END



IDOM OFFICE

Madrid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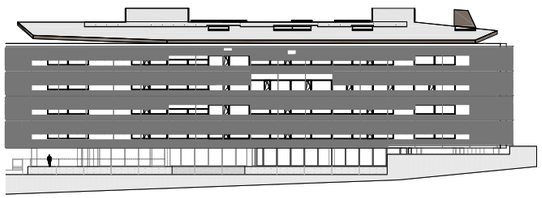
The initial aspiration of the assignment was simple: to erect a building to house Idom's activity which would represent it at the same time that it served as a calling card for its clients. It was to offer the possibility of explaining, from its physical head office, its culture and working processes.

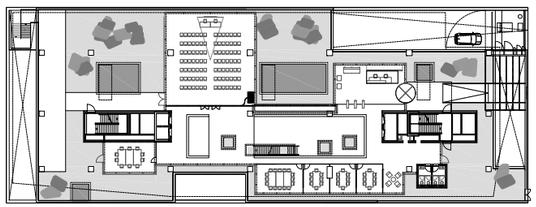
Owing to Idom's particular culture, we had to discard any attempt which stemmed linked to media, the short-term, rapid acknowledgement or emotional representativeness.

We considered achieving true environmental comfort, measurable, credible, real, not only conditioned by its tectonic, representative or spatial values; generating a work setting with a more domestic character, porous, ventilated, natural, agreeable. Something closer to the working conditions of a home than those traditional ones of the tertiary bubble.

Client Idom Area 16,000 m² Date 2010 Recognition Finalist in the Sustainable Energy Europe Awards, 2013, LEED Gold, Calener A.



East elevation



Ground floor

LIMA CONVENTION CENTRE
Lima, Peru

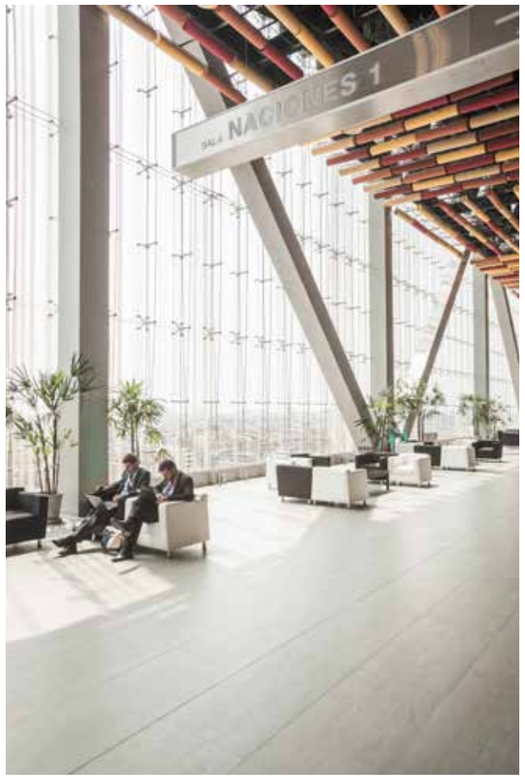
BILBAO EXHIBITION CENTRE, BEC
Barakaldo

MOHALI CONVENTION AND EXHIBITION CENTRE
Chhattisgarh, India

Conventions and Congresses

LIMA CONVENTION CENTRE

Lima, Peru



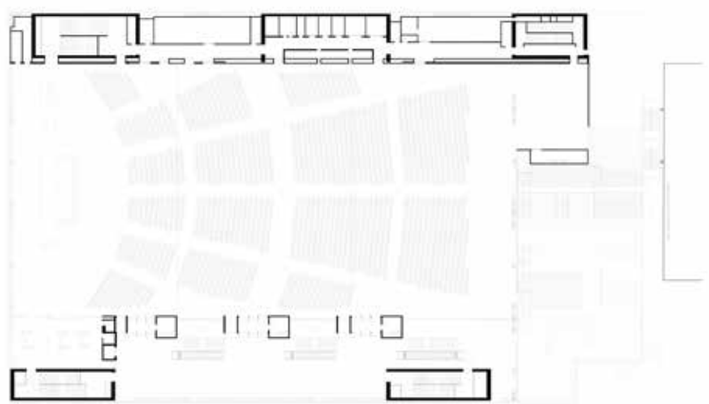
The Peruvian State agreed with the World Bank Group and the International Monetary Fund to hold in Lima the 2015 Board of Governors.

The construction of the Lima Convention Centre (LCC) is framed by this context, expanding and improving the infrastructures the city had up to then to adequately cater for the event.

Strategically located in the Cultural Centre of the Nation – next to the National Museum, the Ministry of Education or the new offices of the National Bank – the design of the LCC sets three main objectives: being a cultural and economic motor, representing a meeting place enrooted in the collective Peruvian culture and turning into a unique, flexible and technologically advanced architectonic landmark.

Close to 15,000 m2 correspond to the 18 multipurpose convention halls, the rest of the programme being completed by underground parking space, kitchens, restaurants, cafeterias and other services.

Client Constructora OAS, Peru branch Area 86,000 m²
Date 2015



8th floor. Great Hall

BILBAO EXHIBITION CENTRE, BEC

Barakaldo

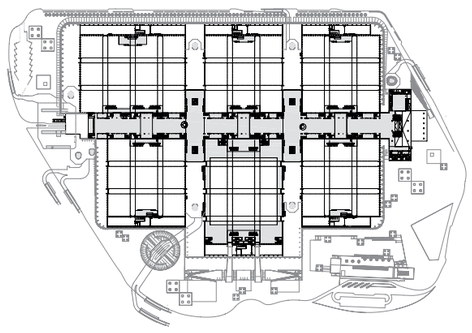
The BEC was thought of as a functional challenge and a landmark within the built-up area of the region. It had to speak for the commercial activity of Bilbao and its region, as well as be an example of its entrepreneurial image. Conceived as a single building, the functional difference between the pavilions exhibition area and the most formal one (Offices and Congresses) was made the most of: due to the strong horizontal counterpoint of the pavilions and the height of the Reception Building, the latter became the landmark in the surrounding landscape.

The built complex contains all the necessary services to accompany its exhibition purpose: carparks, open spaces, offices, conference rooms, meeting rooms, shopping areas, restaurants, etc.

The exhibition area covers 6 pavilions laid out along a main sheltered axis. This axis becomes the backbone of the building, for it holds, on different levels, the traffic of vehicles, lorries and pedestrians.

Client Bilbao Exhibition Centre Area 450,000 m² Date 2007 Recognition Finalist ATEG Awards, 2010 | Shortlisted for Young Spanish Architects Exhibition, 2007 | Shortlisted VII Architecture Biennale of Sao Paulo 2007 | Shortlisted FAD Awards 2005

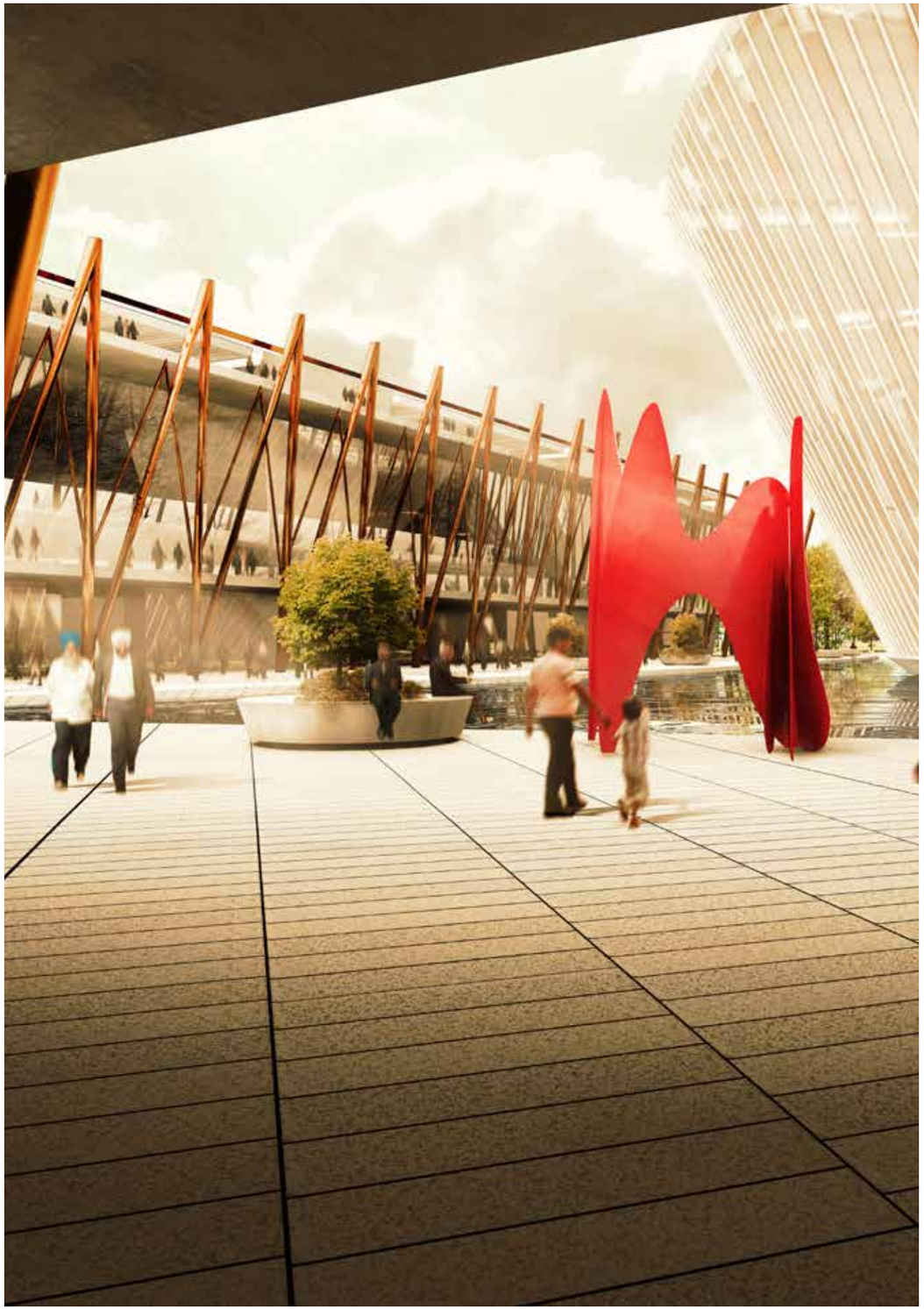
Section

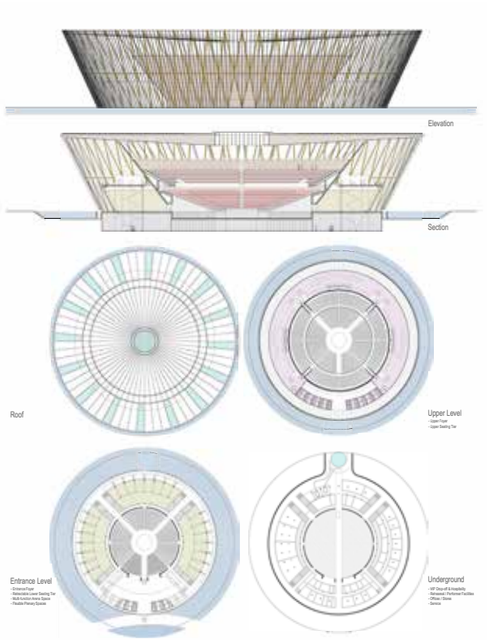


Floor plan pedestrian level

MOHALI CONVENTION AND EXHIBITION CENTRE

Chhattisgarh, India





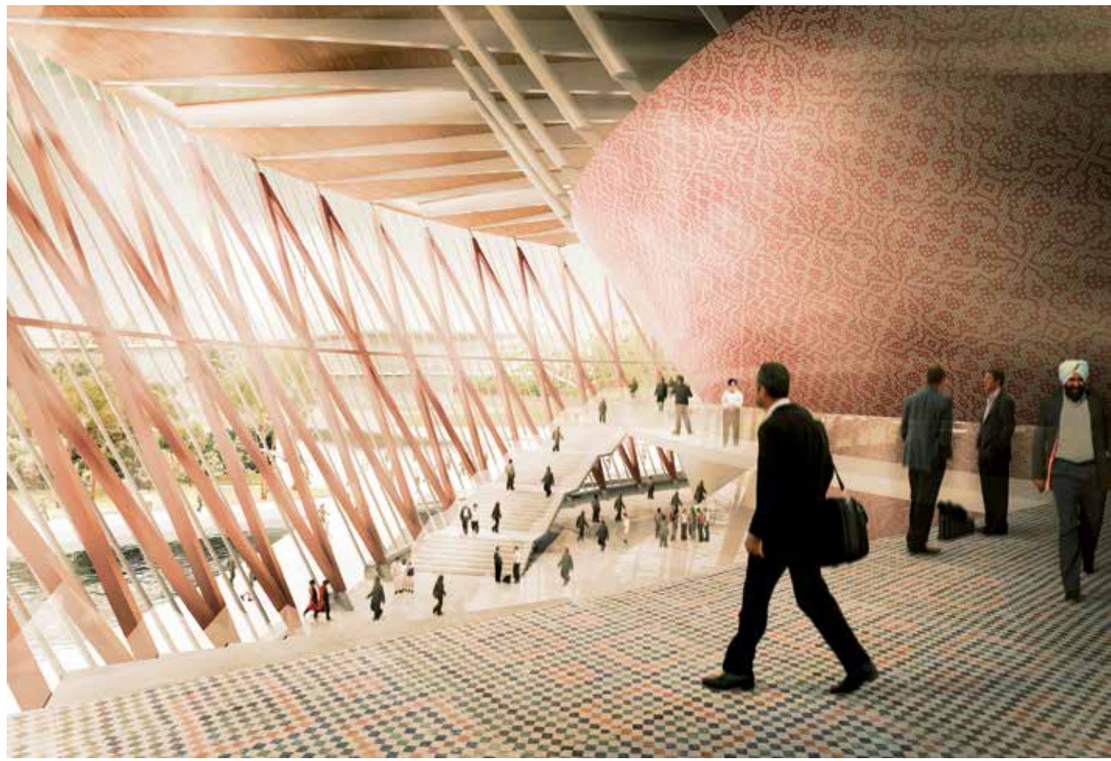
Sections and floor plans

The New Convention Centre, winner of an international competition, is part of the first stage of the Master Plan for the hotel and commercial complex designed alongside CPKA.

The building will provide 15,000 m2 of flexible space, with a capacity for up to 5,000 people and will be complemented by two 20,000 m2 Exhibition Halls, built in two phases.

The Master Plan also includes a new international commerce centre, a financial district and buildings destined for the hospitality industry.

Client State of Punjab Infrastructure Development Board
Area 55,000 m² Date Ongoing



Cultural Centres

HISTORICAL ARCHIVES OF THE BASQUE COUNTRY
Bilbao

VALLENATA MUSIC EVENTS CENTRE
Valledupar, Colombia

BTEK TECHNOLOGY INTERPRETATION CENTRE
Science and Technology Park of Biscay

HISTORICAL ARCHIVES OF THE BASQUE COUNTRY

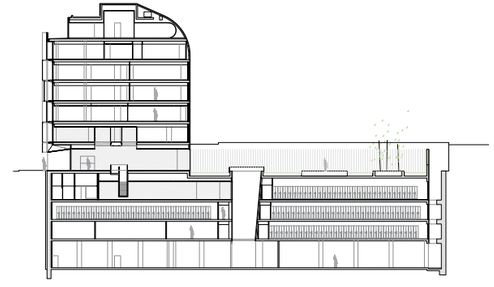
Bilbao

The building is located in the centre of Bilbao, on an infill plot 20 m wide and 70 m long. The main glass façade, with great vibration and transparency, enhances the perception of the building and breaks the flatness of the street.

The programme is organized into floors according to the degree of access control to the different uses: reception, exhibition room, assembly hall, reading and projections area in the basement and on the ground and first floors. The rest of levels, of a private nature, house the administrative areas, the laboratories, the document treatment facilities and storerooms, building services and car park.

On the inside of the building, a double heights and crossing sight lines design was followed which enriches the links between the different uses within the building and allows for the entrance of light through the patios, even to the basement uses, which are over 20 metres underground.

Client Basque Government Area 8,400 m² Date 2013 Recognition
Finalist Building of the Year. Plataforma Arquitectura, 2015



Elevation

VALLENATA MUSIC EVENTS CENTRE

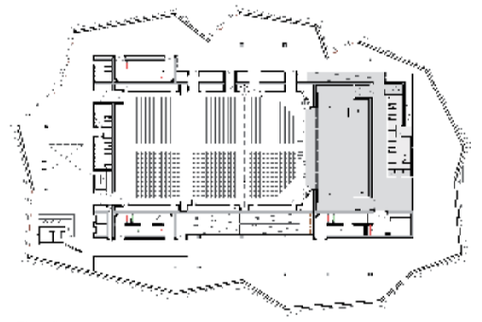
Valledupar, Colombia

The Centre is dedicated to folklore and vallenata music, a music style recently designated by UNESCO as Intangible Cultural Heritage of Colombia and that takes its name from the capital of the Department of Cesar, Valledupar.

Like a great tree, the building is designed elevated, generating under it a sheltered space, protected from the sun and the rain, for the use of parrandas, flea markets and other popular events complementary to the ones inside the building.

The elevated floors house the main areas of the building: a great Hall with the reception of the centre, the Vallenato Museum and a large and versatile assembly hall with capacity for up to 1,200 people. By placing both spaces on the same level, the Museum is guaranteed a continuous flow of visitors all year round, since it is expected for all the people attending the events to be held in the hall to visit the Museum.

Client Government of Cesar Area 19,500 m² Date 2014



First floor

BTEK TECHNOLOGY INTERPRETATION CENTRE

Science and Technology Park of Biscay

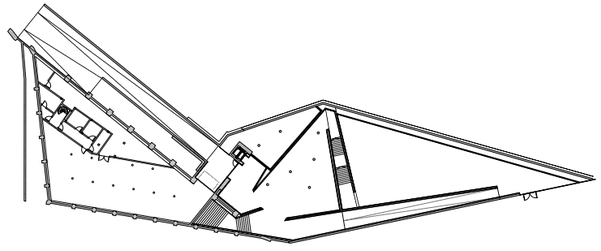
The BTEK, which houses exhibition premises, is conceived as a reference in the landscape formed by two apparently detached pyramidal volumes.

The first one is a black construction that rises from the ground, with a solid composition and enclosed by its three metallic façades, its roof being formed entirely by a grid of solar panels. This position in favour of clean renewable energies is also applied to the rest of the building: geothermal installation, materials, exhibit materials, etc.

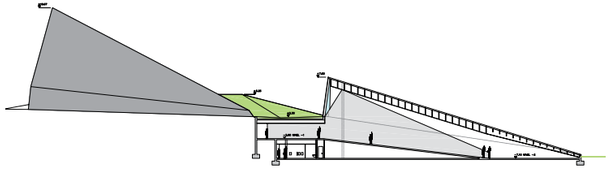
The second construction, in comparison with the first, is formed by two curtain walls and an Astro Turf roof which was conceived as an extension of the ground.

The two volumes are imperceptibly connected underground, blending in with the plot and the surroundings. The entrance takes place through the first construction, where a pleated corner reveals the access ramp. As one descends, a metal projection shelters the arrival, welcoming the visitor in.

Client Parque Tecnológico S.A. Area 3,190 m² Date 2009
Recognition Second prize at the MosBuild Architecture and Design Awards, 2012 | First prize Building of the year, cultural category, Plataforma Arquitectura, 2010 | Finalist COAVN Awards, 2010 | First Prize, outdoor lighting category, Lamp Lighting, 2010 | First prize Building of the year, cultural category, Archdaily Awards, 2010 | Honourable Mention at the AR Awards, 2009 | Proxime accessit at the VIII International Architecture Biennale of Sao Paulo, 2009 | Finalist, Integration of energy in architecture, NAN Awards, 2009



Level -3.60



Section

Education

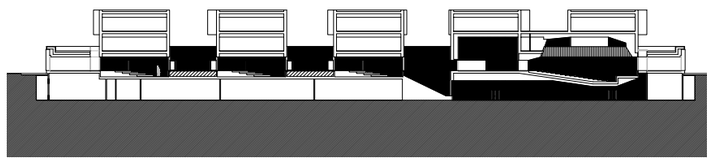
NEW CEIBS CAMPUS
Beijing, China

TEACHER TRAINING SCHOOL
UPV Campus in Leioa

EXTENSION OF THE UNIVERSITIES OF
ALIOUNE DIOP AND GASTON BERGER
Bambey - Saint Louis, Senegal

NEW CEIBS CAMPUS

Beijing, China



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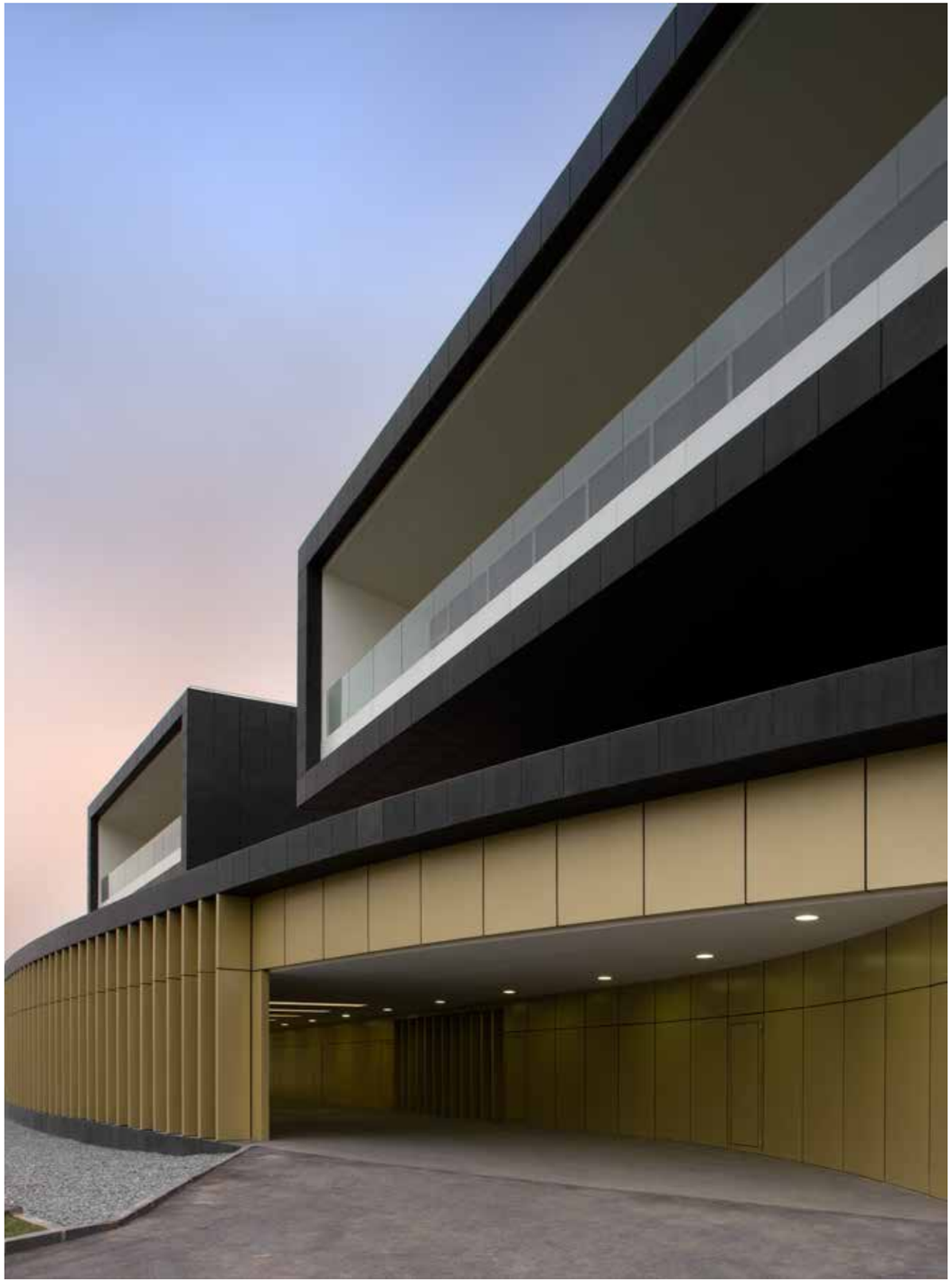
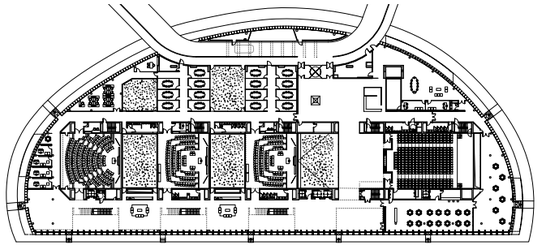




Ground floor

The new premises of CEIBS, a leading business school in Asia, are located on a plot in the Zhong Guan Cun Science Park, on the outskirts of Beijing.

The building is conditioned by its teaching purpose, the planning of the park (which considers the buildings as if islands in the middle of the ocean) and the need to carry out the building works in two stages without the whole being perceived as unfinished when the first one is concluded.

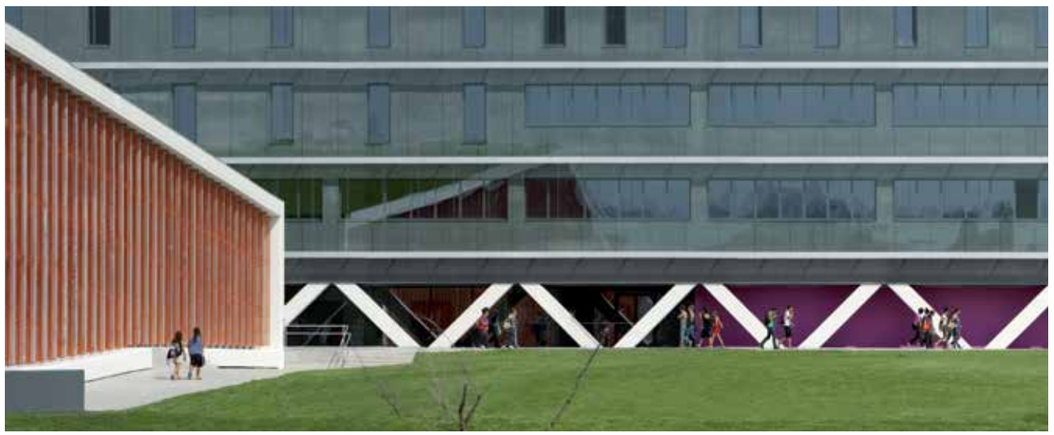
The building has three floors. The first one fully occupies its allowance with public uses, an assembly hall and bar, as well as classrooms. The second one houses more classrooms and study areas. And the third level has areas for teachers and administration. A series of courtyards articulates the relationship between all these uses, transversally, and a triple-height space, which we have nicknamed "The Main Street", longitudinally. The latter serves as a meeting and exchange area within the building.

The choice of colours and materials and the configuration and sequence of spaces is inspired by traditional Chinese architecture.

Client CEIBS Area 18,000 m² Date 2010 Recognition First Prize at the 6th Edition of the Chinese Architects' Association Architecture Awards, 2011 | First Prize at the 15th Edition of *"Beijing excellent design"*, 2011 | Prize at the 9th International Architecture Biennale of São Paulo, 2011

TEACHER TRAINING SCHOOL

UPV Campus in Leioa



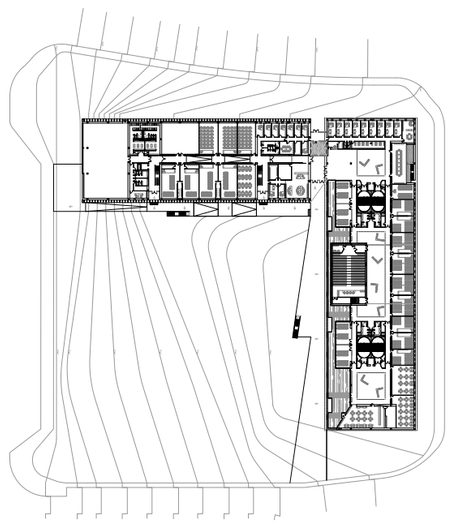
The new Teacher Training School shapes the West end of the University of the Basque Country Campus in Leoia.

A careful L-shaped composition, where the main body follows the East-West alignment of the entire Campus and the smaller wing chooses to blend in with the existing topography, allows for the general arrangement of the whole complex to be maintained. The main building includes the main lecture rooms and offices, whilst the most singular parts of the programme, the workshops and the gymnasium are located in the second volume.

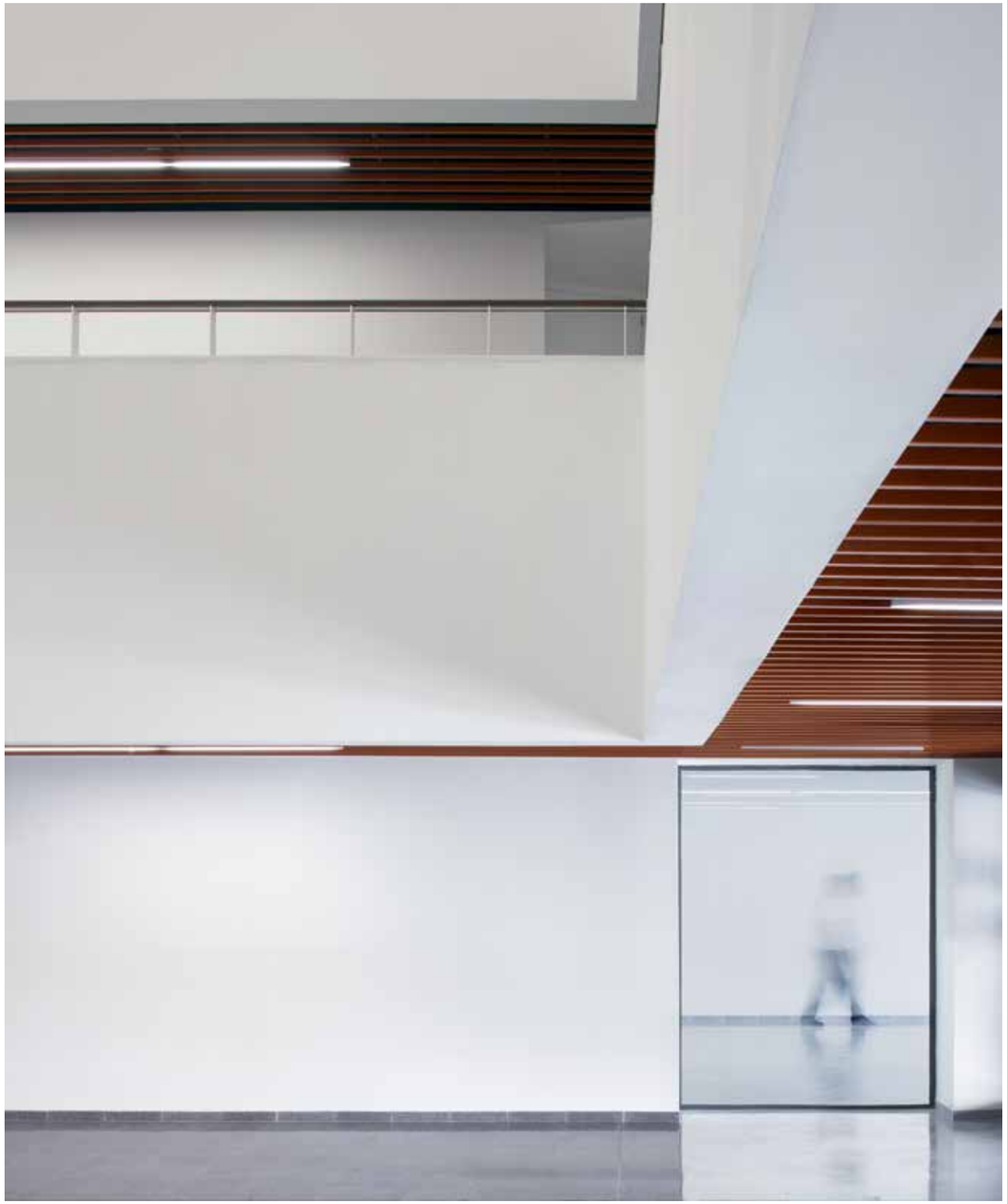
Access is generated parallel to the main body and accompanied by a pond sheltered by the diagonal structure of the ground floor.

The building's architectonic design intends to reduce maintenance and exploitation costs while maintaining the comfort of its users. This is achieved through strategies such as the orientation of lecture rooms, the creation of a light regulating atrium, natural ventilation and a solar protection double skin.

Client University of the Basque Country Area 33,160 m² Date 2011



Ground floor



EXTENSION OF THE UNIVERSITIES OF ALIOUNE DIOP AND GASTON BERGER

Bambey - Saint Louis, Senegal

The Government of Senegal, financially assisted by the World Bank, has started an ambitious plan for the extension and improvement of several universities in the country. In the University of Alioune Diop, in Bambey, to the West of the country, 4 new buildings are planned which will house the Training and Research Unit, which in turn will include lecture rooms, a lecture hall for 500 students, laboratories, computer rooms and offices.

In the University of Gaston Berger, in Saint Louis, to the North of the country, the proposal is of 3 buildings to house a roofed gym with stands for up to 300 people, a swimming pool, a laboratory, a documentation centre, lecture rooms and offices.

The design of the buildings was conditioned by the hot and humid climate of the region and by the intensive use and high occupancy of the lecture rooms. The elevation is dealt with by a double breathable building envelope with vents on the façade and the roof and circulation is protected as much as possible from sunlight.

Low maintenance and minimum energy consumption areas are designed, complemented by a phytosanitary water treatment system that uses stabilization ponds and rainwater infiltration basins.

Client Ministère de l'Urbanisme de l'Habitat de Sénégal
Area 7,200 + 4,200 m² Date Ongoing

HEADQUARTERS OF THE SCIENCE PARK OF THE UPV/EHU
UPV Campus in Leioa

NEW OFFICES OF THE VITORIA CITY COUNCIL
Vitoria - Gasteiz

ENERGY CONTROL CENTRE
San Jose, Costa Rica

HEADQUARTERS OF THE SCIENCE PARK OF THE UPV/EHU

UPV Campus in Leioa

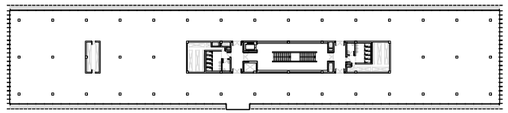
The building is located in the Science Park of the UPV, next to the university campus of Leioa, constituting the main link between the University and the world of business.

The vocation of uniting both realities is achieved through the transparency of the curtain wall on the ground floor, which allows for crossed sight lines between the campus and the science park, boosting the openness and the communication amongst these two spheres.

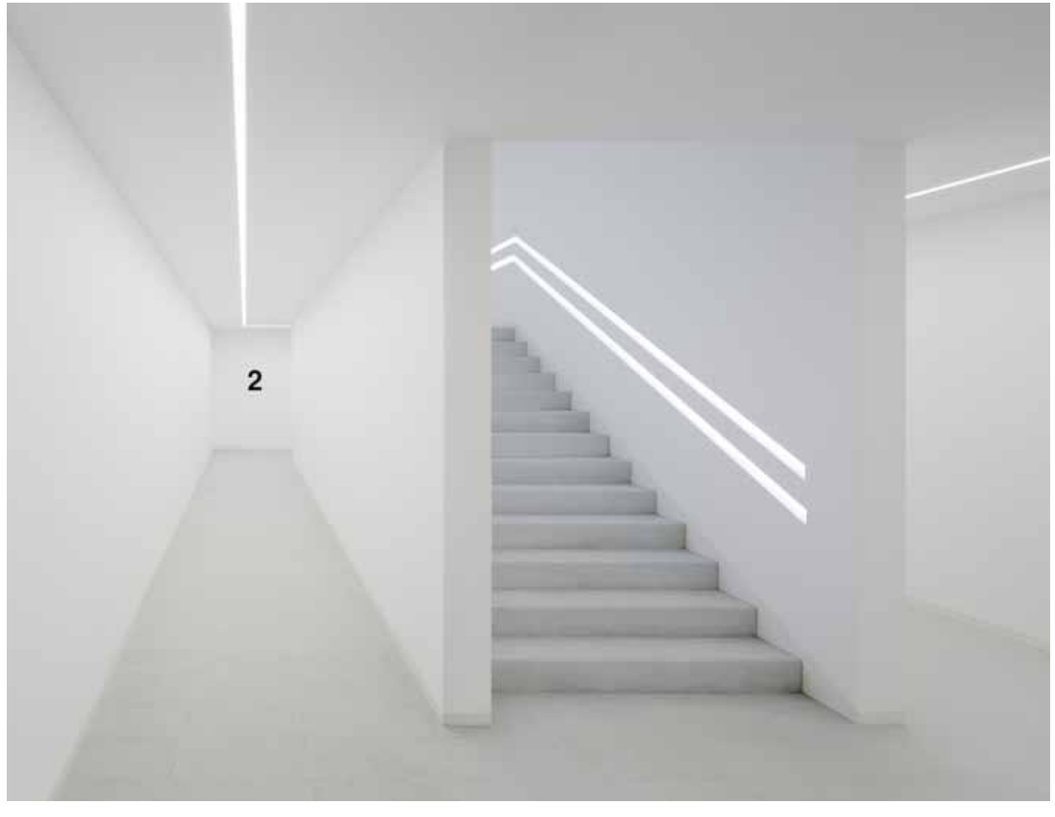
The ground floor shelters the representative and institutional uses of the Science Park, such as the main reception, the meeting rooms and the multipurpose rooms that can be of service to the university-business ensemble.

The upper floors are destined to house both offices and laboratories. The unknown number, type and character of the corporations that will occupy the building is reflected on the façade of the upper floors, which forms an abstract volume capable of harbouring the different foreseen uses.

Client Parque Tecnológico S.A Area 11,400 m² Year 2015



Standard floor plan



NEW OFFICES OF THE VITORIA CITY COUNCIL

Vitoria - Gasteiz

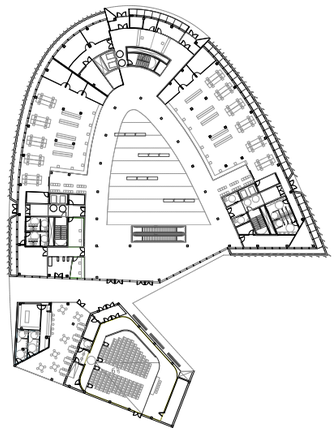
The San Martin Municipal Offices building arises as a consequence of the concentration of the different social and technical departments, previously scattered around the city. Such an intervention allowed for the efficient centralization of the diverse services offered to the public.

The building adopts the dynamic and curved shape of the city's old quarters, showing on its white façade recollections of the architecture of the bay windows of Vitoria by using countless vertical perforated metal sheets.

The more public citizen-care uses are located on the ground and first floors, around a great hall area that surrounds the great waiting room.

The upper floors house the different municipal departments, following a longitudinal scheme that allows for all workstations to have natural light. The basement harbours the archive, a DPC, the building services and a car park for 75 vehicles.

Annexed to the main body and configuring the entrance to the building, a smaller volume is located which includes an assembly hall for 200 people and several training rooms.



Entrance floor

Client LEPAZAR XXI Area 18,270 m² Year 2015 Recognition Calener A energy certificate.

ENERGY CONTROL CENTRE

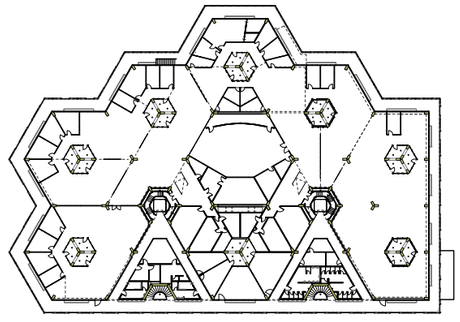
San Jose, Costa Rica

The new CENCE, the first modern Energy Control Centre in Central America, is the ICE headquarters, one of the most representative institutions of Costa Rica. With a built area over 10,000 m2 and an urbanized one exceeding 15,000 m2, it houses its offices and central technical services, and it manages both the energy that is generated and the one that goes through the country.

The rationale behind the project had five main points: high level of comfort and habitability conditions for employees; high energy efficiency; maximum physical and functional security (Tier IV); flexibility for both the extension of the building and the internal distribution changes and an optimum water management system.

The building is formed by adding equal size hexagonally shaped modules. With the sole exception of the module that harbours the Control Room, each module, whatever its location, has a central courtyard which guarantees optimum ventilation and illumination conditions.

Client Costa Rican Institute of Electricity - ICE
Area 10,241 m² Date 2013



First floor

Innovation

AIC AUTOMOTIVE CENTRE
IN BOROA
Amorebieta

VEHICLES RESEARCH INSTITUTE
Teruel

CIC ENERGIGUNE
Technology Park of Alava

AIC AUTOMOTIVE CENTRE IN BOROA

Amorebieta

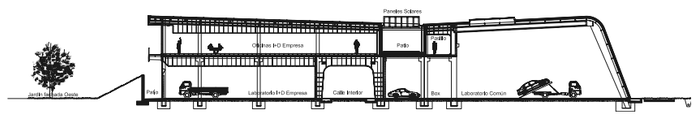
The AIC is a three building complex destined for R&D&I in the Automotive Sector. It was conceived with the idea that companies themselves would occupy the facilities, with their own research and project areas developed together.

Of the complex, two buildings house "Development Units", laboratories, offices and small production divisions.

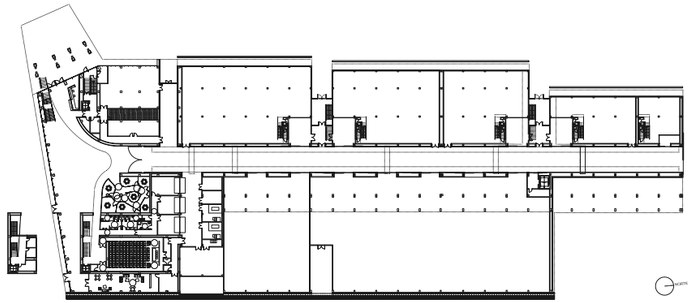
The main building, with an area of 16,000 m2, accommodates research units, a common laboratory and the social block of the complex, which includes an auditorium, training rooms, university collaboration project rooms and the management offices.

The complex programme of the main building is brought together under a great silver roof with aerodynamic shapes, inspired by the bodywork of prototypes and racing cars. The roof is finished off at the end of the building as a great head that harbours the social area while granting it visibility from the nearby motorway. The working areas are orientated towards the West garden, avoiding the aggressive view of the close combined heat and power plant.

Client AIC Boroa Area 19,000 m² Year 2010 Recognition Shortlisted, X Biennale of Spanish Architecture, 2009 | Shortlisted VIII International Architecture Biennale of Sao Paulo, 2009 | Shortlisted Spanish Architecture National Awards 2009



Transversal section



Ground floor

VEHICLES RESEARCH INSTITUTE

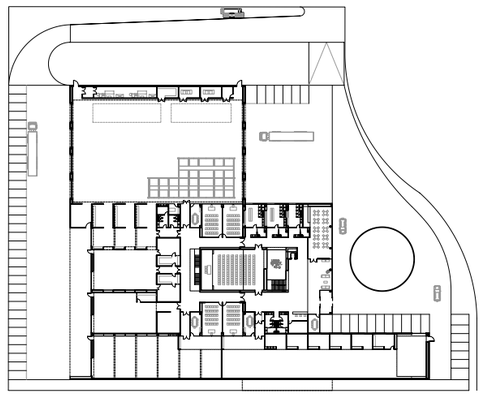
Teruel

The plot is located on the eastern edge of the technology park of Alcañiz's Motor City. It occupies a dominant position on a hill overlooking La Estanca area and the new Motorland Aragon racetrack.

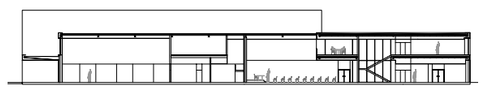
The needs programme required open spaces, meeting rooms and offices for educational and administrative purposes, which were to be connected with the main areas used for heavy and utilitarian vehicle research. This programme was complemented by a lecture hall, a cafeteria and a dining room. In this way we turned to a typology conceived by three bodies that combined, generate a gathering area within the motor technology Park. This meeting place is set out as the Plaza and great Stage for the motor Technology Park and the research building itself, so that it allows for the coexistence of the whole array of scales and users of the centre.

The roofs are free from any type of equipment or facility in order to be conceived as the fifth façade of the project. The flow paths within the construction favour the constant relationship between the motor-related practical and theoretical activities. Heavy-load vehicles and cars appear as a backdrop to all educational activities to be carried out. The lecture hall is located in a central position on the ground floor and it serves as the driving force and showcase of the technological developments of the vehicles institute.

Client IAF Area 7,100 m² Date 2009 Recognition Finalist XXVI García Mercadal Awards, 2011 | Listed, Arquia-Proxima Forum, 2010



Ground floor



Section

CIC ENERGIGUNE

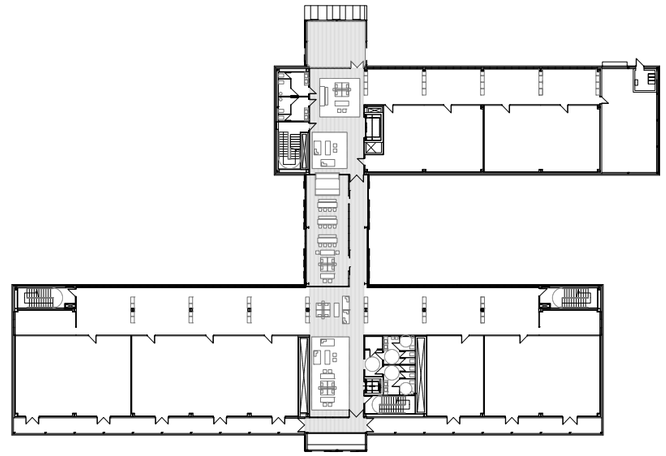
Technology Park of Alava

The CIC Energigune is a pioneering project in Europe destined to enhance the knowledge and development of third generation alternative energies, to promote advanced technological transfer and to favour the competitiveness of Basque companies. It has electrochemical laboratories for the research of excellence and ISO6 type white rooms for high sensitivity equipment.

It was designed as a set of modular buildings connected to one another by means of a functional and communications axis which acts as the backbone of the centre's activity. It includes educational uses, offices and several laboratories and high sensitivity white rooms. The generated areas encourage inter-professional relations which favour the exchange of knowledge between researchers in a relaxed atmosphere.

The building envelope of the laboratories building is down to a single system of polished stainless steel sheets, to which an opaque or perforated treatment is applied according to the orientation of the areas to be illuminated and the need for views or ventilation.

Client Basque entity for Energy Area 6,000 m² Date 2010 Recognition Finalist COAVN Awards (Basque-Navarre Official Architects' Association) 2013, Calener A energy certificate.



Ground floor

Industry and Technology

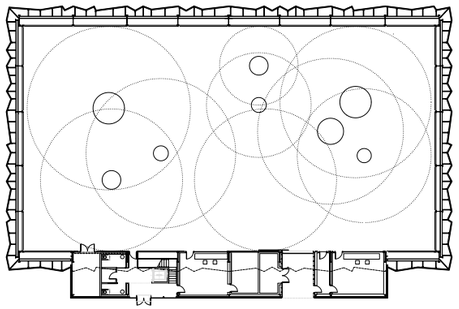
ULTRA HIGH VOLTAGE LABORATORY
Mungia

CERTEST BIOTEC'S R&D LABORATORIES
Zaragoza

EPSILON EUSKADI
Technology Park of Alava

ULTRA HIGH VOLTAGE LABORATORY

Mungia



Ground floor

The building is destined for a Laboratory of Ultra High Voltage, which implies the construction of an open space warehouse, 57 m long, 30 m wide and 27 m high on the inside, which defines a Faraday Cage needed for the precision of the measurements carried out within. It is the only laboratory of this kind in Spain, and one of the few that exist worldwide.

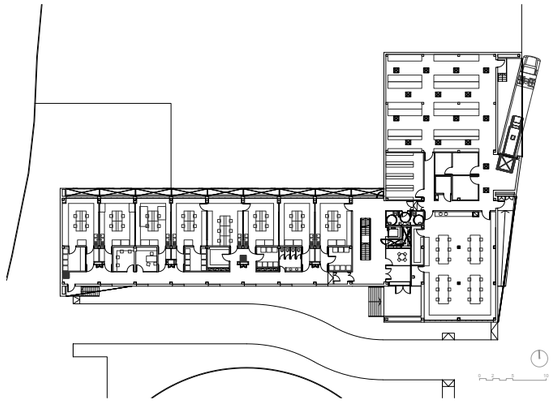
The main warehouse can be divided into three separate areas, adequate for the completion of impact and resonant tests and precision measurements. Annexed to the main area there is a block with views of the testing area which has two control/reception rooms, a meeting room and a presentations room with capacity for 60 people.

This laboratory intends to represent ARTECHE's commitment to innovation, as shown by the polished metal façade which vibrates and swerves along its perimeter, allowing for the volume to blend in with its surroundings.

Client Electrotecnia Arteche Hnos. S.A. Area 2,285 m² Year 2013
Recognition Finalist Building of the Year, Industrial Architecture category, Archdaily Awards, 2014

CERTEST BIOTEC'S R&D LABORATORIES

Zaragoza



Ground floor

The main activity of the laboratories involves research, development and manufacturing of diagnostic tests. The proposal is developed over a free plot with a dominant position. It has an area of around 8,000 m2 and it is located in the San Mateo de Gallego estate.

The building is part of the first phase of a complex which already has erected 2,500 m2. The proposed scheme includes 8 laboratories, production and administration areas, a main warehouse and common areas. The laboratories are located in the arms of the building facing North so as to avoid direct solar radiation without having to turn to protection systems. This also implies that working areas are very well illuminated and that energy savings during the summer are significant. On the other hand, the South façade houses the circulation areas that grant access to the laboratories. Between them, the lab-annexed service areas are located, which store the special equipment.

The proposal is based on two basic ideas: on the outside, the optimization of the growth model and on the inside, the building is designed around the laboratory module. These two criteria organize the whole project, along with the sun potential: landscape, orientations, natural slopes and entrances.

Client Certest Biotec S.L Area 2,500 m² Year 2012

EPSILON EUSKADI

Technology Park of Alava

Epsilon Euskadi is a Motor Racing Technology Innovation and Research Centre that integrates the design of race cars, the management of racing teams and advanced training.

The complex programme, which includes a wind tunnel, different types of laboratories, paint shops, white rooms for manufacturing carbon fibre bodyworks, autoclaves for their curing, maintenance workshops, administration offices, classrooms and up to five different types of circulations (manufacturing, maintenance, training, development and visits), is articulated within a building of compact design, meant to provide functional proximity and interior transparency in order to facilitate visual communication between the different areas.

The use of aerodynamic shapes inspired by the vehicles designed by the client is a constant throughout the building's design. On the façade, the few windows present are boxes with rounded corners. Surrounding them, there are stainless steel tubes that simulate airflow lines which are used as solar radiation dissipation elements, something which is very important since the stability of the interior temperature is of great importance in many of the processes that are carried out.

Client Technology Park of Alava Area 15,750 m² Date 2009

CENTRAL CORPORATE PARK
Erandio

DATA PROCESSING CENTRE (I)
Cerdanyola del Valles

112 EMERGENCIES BUILDING
Reus

CENTRAL CORPORATE PARK

Erandio

Customer Service Building

Customer Service Building

Maintenance and Supplies Building

Telecommunications Building

Next to one of the main junctions of the motorway network in Biscay, right in the centre of gravity of the metropolitan strip of Bilbao, the Basque government foresaw the location for the Police and Security Services headquarters.

The terrain is a succession of mild slopes covering 30 Ha, with a wide field of vision in all directions overlooking crops and grasslands. It was to have great areas destined for offices, laboratories, classrooms, ICT centres, workshops, stockrooms, changing rooms, parking facilities and other areas for specific police needs.

After an interactive process, an efficient planning was agreed upon. The necessary steps were taken with the administration: two territorial planning figures were modified and another six town planning concepts were written up and passed. This helped to legally develop the definitive proposal.

Finally, the projects were prepared and the building work for the 9 buildings that make it up supervised, within the target timeframe and budget set by the client.

Client Basque Government Area 76,000 m² Year 2013 Awards for the General Services and Customer Service Buildings Shortlisted. Young Spanish Architects Exhibition, 2008 | Shortlisted. VII Young Architects exhibit Camuñas Foundation, 2001 | Finalist COAVN Awards, 2000 | Shortlisted FAD Awards, 2001 Maintenance and Supplies Building Finalist COAVN Awards, 2001 Communications Building and Data Processing Centre First Prize, COAVN Awards, 2001 | Finalist FAD Awards, 2001 | Shortlisted. VII Young Architects exhibit Camuñas Foundation, 2001

DATA PROCESSING CENTRE (I)

Cerdanyola del Valles

The programme for the no. 1 DPC in Cerdanyola includes over 6,000 m2 of processors distributed over 18 IT rooms, as well as exploitation and parking areas, contingency offices, coupling facilities, testing rooms, suppliers and workshops.

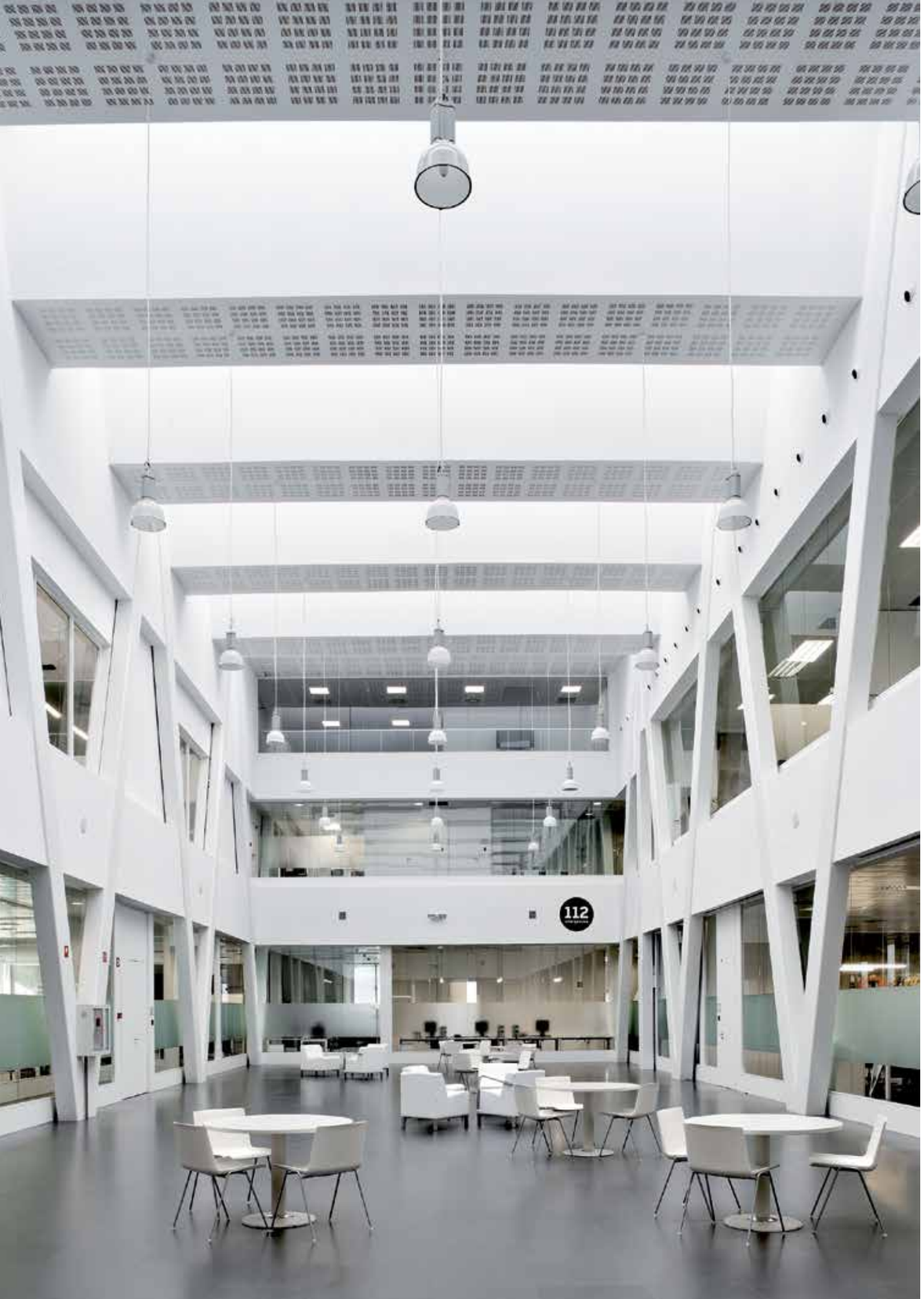
The typology demands maximum technological functionality, prioritizing flexibility, scalability and energy efficiency. The special location of the Technology Park, surrounded by nature, calls for an intervention which is considerate with its impact on the surroundings, minimizing the excavation volume and its footprint.

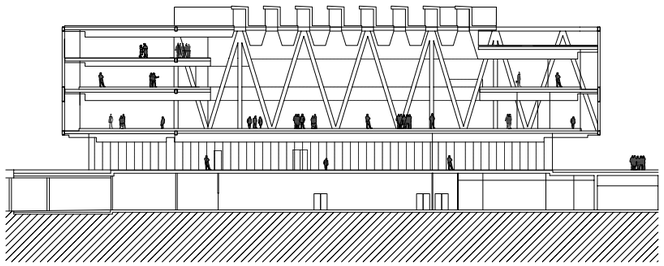
Both formally and functionally, the main difficulty was to fit a 100x43 meters rectangle that would hold six IT rooms (12x29m) per floor into a triangular plot. The office body, the only part of the programme with a little leeway, is elevated in order to create a garden-space on the ground floor that becomes the entrance to the DPC. Laid out perpendicular to the technical rooms, it solves the main avenue issues.

Client Sumasa - Serv. Urb. Mant. y A. Area 25,000 m² Date 2011 Awards Shortlisted 9 International Architecture Biennale of São Paulo, 2011 Recognition LEED Silver Energy certificate.

112 EMERGENCIES BUILDING

Reus





Section

The 112 Building in Reus is the model for the new emergencies management and service system in Catalonia, and the first public facility in the country to have a LEED certificate. It is a new functional typology where all bodies in charge of managing emergencies are gathered.

The complex is set within the Camp of Tarragona landscape, which has a strong industrial and leisure character. Fitting it in the plot, elongated and with a steep slope, was carried out following safety criteria and staggering the main functional elements: the heliport, the car park, the base and the operative box – telecommunications tower.

The different levels of security to be found in the building and the different flow paths of people are reflected on the functional distribution. Horizontally, there are three levels: logistics, public and operative. Vertical communication is limited to four cores: the telecommunications/guests one, the authorities' one, the maintenance one and the main employee entrance one.

Client Government of Catalonia Area 14,985 m² Date 2010 Recognition Finalist Catalonia Construction Awards, 2011 | Shortlisted 9 International Architecture Biennale of São Paulo, 2011 | Shortlisted amongst the 16 Spanish representatives at the GBC Challenge Helsinki 2011 Recognition LEED Silver Energy certificate.

Accommodation

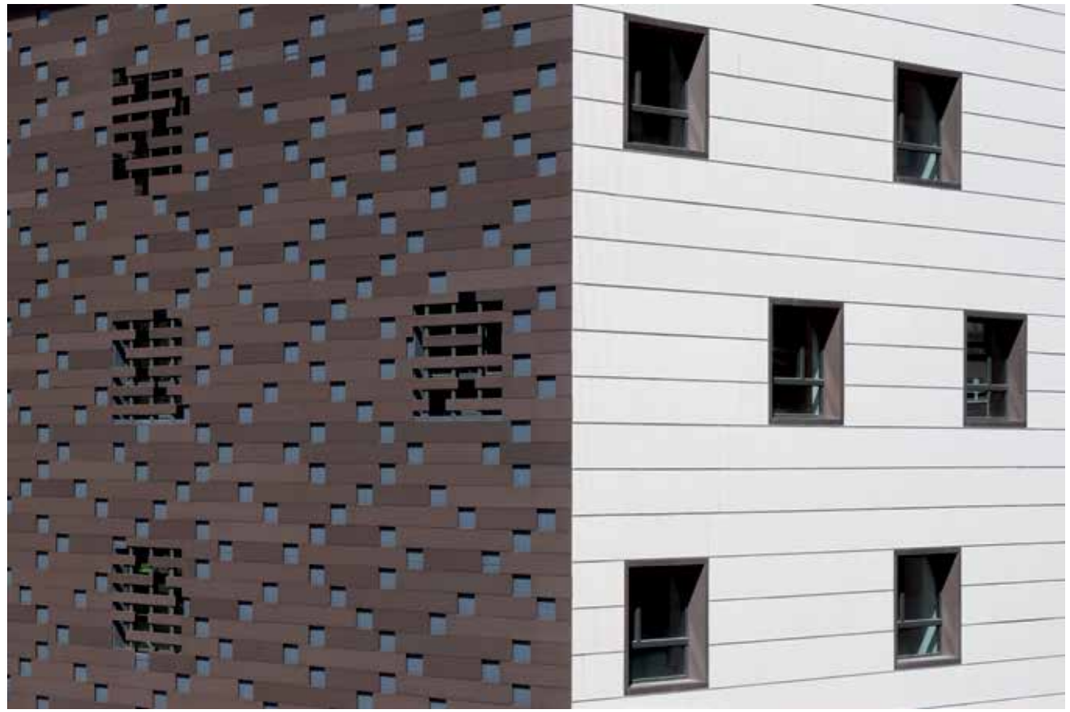
BBK SARRIKO RESIDENCE
Bilbao

BUILDING 2 FOR DES MÉTIERS ET DE L'ARTISANAT CAMPUS
Lille, France

DIAGONAL PLAZA HOTEL
Zaragoza

BBK SARRIKO RESIDENCE

Bilbao



Standard floor plan

The Sarriko BBK Centre combines two differentiated uses: it is an old people's home mainly and a low-rent apartment block for young people.

The main challenge is embodied by the idea of a building capable of evolving so that it can gradually go from its first use to its second, without hardly any renovation works.

The building overlooks the new Sarriko Square and completes the modernization of this part of Bilbao initiated by the construction of the new Music Conservatory and the Underground station. Designed as a block staggering over several levels, the project has a smaller total volume than the building which previously occupied the plot.

The home is conceived so as to demand very little energy. These needs are covered by high efficiency equipment which offers great levels of comfort to the users, who have control over the ventilation in every room.

As to sustainability, the building has been LEED certified.

Client Bilbao Bizkaia Kutxa Area 20,362 m² Date 2012
Recognition LEED Energy certificate.

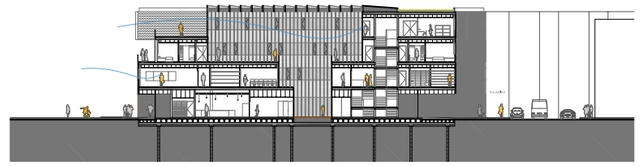
BUILDING 2 FOR DES MÉTIERS ET DE L'ARTISANAT CAMPUS

Lille, France

Building 2 is part of the complex on the CMA Campus and its location defines its new access plaza, next to the impressive main headquarters, designed by Claus en Kaan.

The programme contains varied uses: hairdressing school, campus restaurant, students' dorms and offices for rent. Every use belongs on a different floor and has an independent entrance. The heterogeneity of the programme is kept hidden by a sober and homogeneous façade, as a response to the monumentality of the headquarters building. Only the more public premises of every use are brought forward by means of great windows or terraces, occasionally showing the building's activity to the city. In the same way, the uses with greater activity, the restaurant and the hairdresser's are concentrated on the elevation that overlooks the new plaza, with the idea of encouraging the coming together of the Campus activities and the citizens of Lille.

Client Chambre Des Métiers et de l'Artisanat Nord-Pas-de-Calais CMA Area 5,600 m² Year Ongoing Recognition Passivhaus energy certificate.



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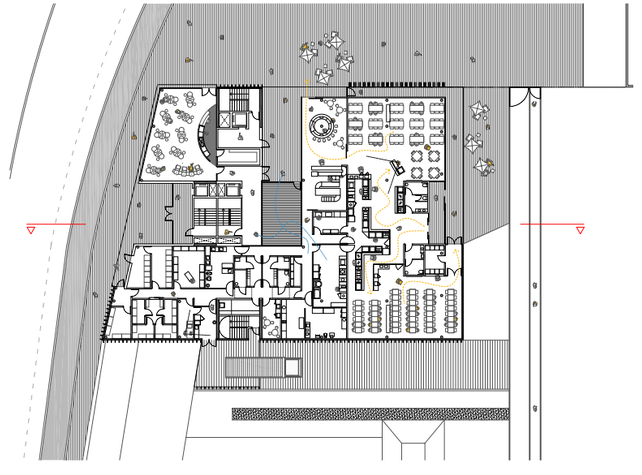
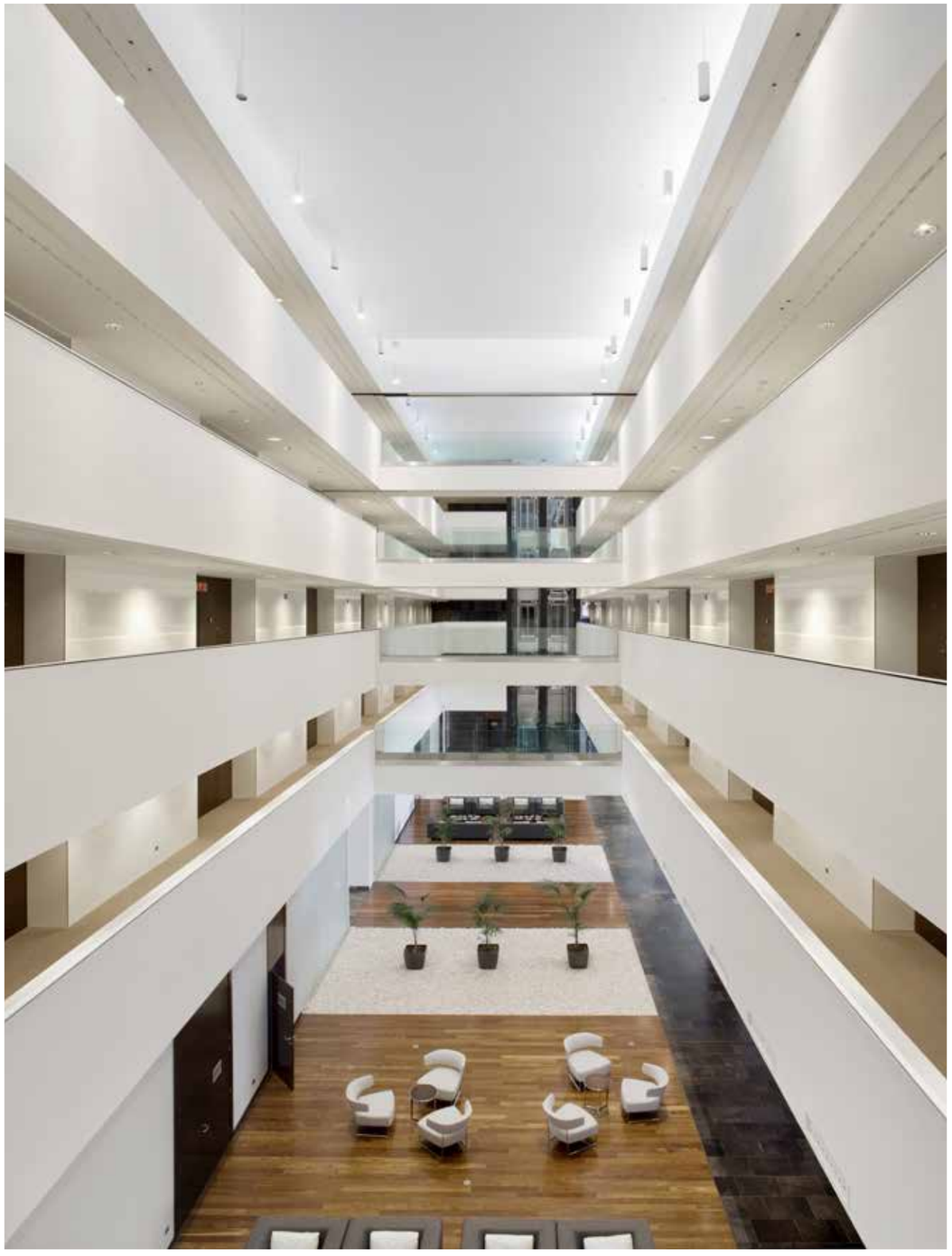


Ground floor

DIAGONAL PLAZA HOTEL

Zaragoza

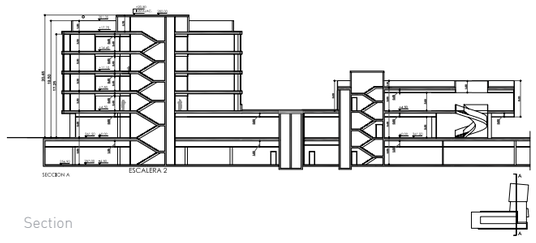


The location of the hotel, in a logistics centre away from the city, along with the proximity to the airport and the lack of a nearby natural landscape, are the factors that have conditioned the conception of a building organized around a central atrium, in which interior circulation and the relations within the atrium play the leading roles in its functioning. Furthermore, this scheme allows for an immediate understanding of the building and an optimum organization of circulation paths.

To achieve the desired image and representativeness, the design features clear-cut sober lines. The hotel can conceptually be described as a large dark stone volume, to which several glass-like boxes are added housing a variety of functions. These boxes occupy the North and South wings of floors two, three and four when serving as hotel rooms, and the North end of the first floor when turned into the banquet hall.

The building has 176 rooms, a 2,000 m2 kitchen, over 3,000 m2 of restaurant area and several meeting rooms distributed on the ground floor around the atrium.

Client Escaleno 2000, S.A. Area 18,000 m² Year 2009



Section

Residential

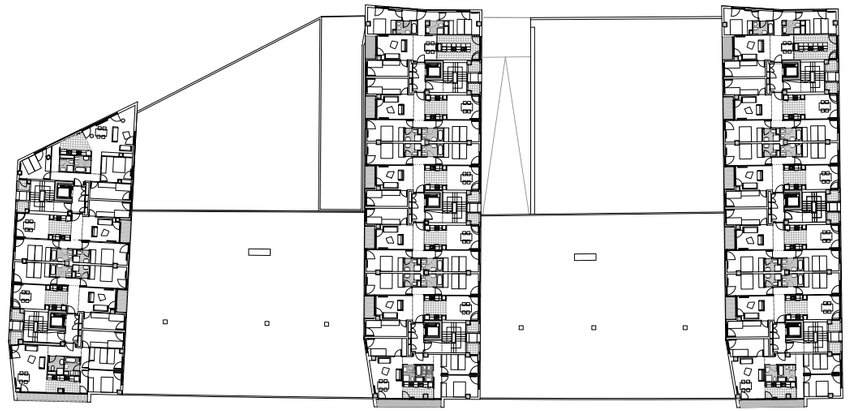
104 SUBSIDIZED FLATS IN BORIN-BIZKARRA
Vitoria - Gasteiz

49 DWELLINGS AND NURSERY IN BERMONDSEY
London, UK

58 SUBSIDIZED FLATS TORRESOLO
Leioa

104 SUBSIDIZED FLATS IN BORINBIZKARRA

Vitoria - Gasteiz



Standard floor plan

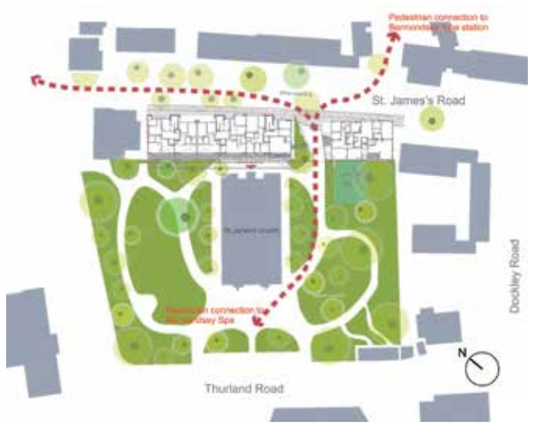
Located in a rectangular plot, the building's morphology is determined by the Community Development Plan which defines three North-South aligned longitudinal blocks. These are 6-storey-high two thirds of the way and 9 storey-high where they meet the main road. The blocks are connected on the ground floor by a great retailing unit, which coincides with the main street.

The dwelling tries to make the most of the double East-West orientation through the open-plan kitchen and dining room, which make up a single longitudinal room, from one end to the other, around which all other rooms are located. This space is enclosed by two great openings on each end, topped off by a balcony in the living room area. This distribution reduces the circulation areas, thus allowing the area of the rooms to be increased without exceeding the maximum set by regulations. The distribution of the flats on the South end is adapted to their special urban fringe situation, expressing their privileged orientation with great terraced windows.

Client Arabako Lanketa, S.L.U. Area 19,500 m² Year 2012

49 DWELLINGS AND NURSERY IN BERMONDSEY

London, UK



Site plan

The main purpose of the project is to maintain a visual and physical connection between St. James's Road and the church gardens, opening up new pedestrian links between the central area of Bermondsey Spa and the nearby underground station. In order to achieve this, the building is split in two, creating an intermediate void that becomes the main protagonist of the proposal.

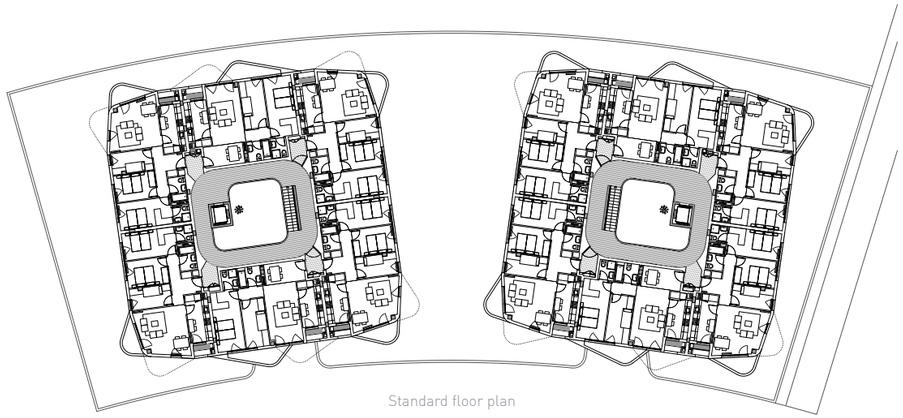
The set includes various types of dwelling, ranging from studios to three bedroom apartments. 25% of the flats are subsidized housing. Plus, there is a nursery included that will replace the existing one.

The relationship with the surroundings is a key element of the project. The use of timber and copper on the façades and the extensive use of vegetation as well as the generous balconies reinforce the idea of the interior-exterior connection of the houses.

Client Blueprint Homes LTD Area 5,080 m² Year 2008

58 SUBSIDIZED FLATS TORRESOLO

Leioa



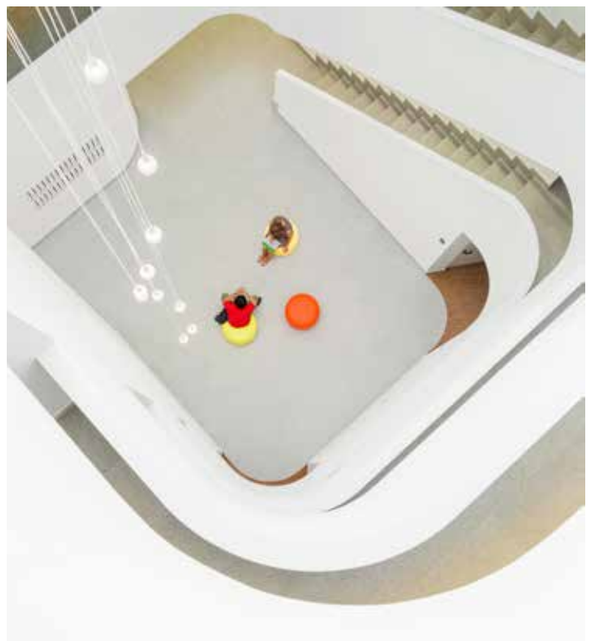
Standard floor plan

The 58 subsidized and unsubsidized dwellings were developed in two symmetrical blocks located on the edge of a hillside in Leioa with great visibility in the surroundings, alongside two other unsubsidized housing blocks.

The Council, aware of this special situation, arranged for the set of buildings to keep a special coordination, with homogeneous materials and volumes. The two developers involved wanted the houses to have a timeless and durable character. For this reason, face bricks were chosen as the material for the façade and the dark aluminium for the window areas.

In the same way, the Master plan allowed for and encouraged the construction of great common areas for accessing the houses. Therefore, six completely out-facing dwellings were proposed, which are accessed through a passageway that runs round a semi-exterior patio with natural lighting. This inside, ample and generous, turns into a common area where the neighbours can coexist.

Client Construcciones Sukia Eraikuntzak S.A Area 8,170 m² Year 2015



Healthcare

AMARANTE HOSPITAL
Amarante, Portugal

UNIVERSITY OF NAVARRE CLINIC
Madrid

EL SALVADOR HOSPITAL
Santiago de Chile, Chile

AMARANTE HOSPITAL

Amarante, Portugal

The Project combines the uses of an outpatients' department with those of the emergency room of a hospital. Each one has its own entrance. The outpatient clinic, to the North, is on the ground floor; the emergency ward, to the West, is on floor -1.

The floor plan is a rectangle formed by a grid of independent bodies interconnected by a longitudinal axis. The interstitial spaces between the volumes create two types of patio: closed on the inside and open to the outside. The idea was that these garden-courtyards would create a good healthy atmosphere.

The building includes a basic emergency department, a day-care unit, a mental health unit, a physical medicine and rehabilitation service and complementary diagnostic and day surgery means, as well as 64 hospital beds.

Client Centro Hosp. do Tâmega e Sousa Area 20,551 m² Year 2012

South elevation

North elevation

UNIVERSITY OF
NAVARRE CLINIC

Madrid

The new clinic is organized around four great areas that correspond with the following medical specialities: children's and women's area, oncology and diagnostics, cardiovascular and specialities (check-ups, high-resolution consultations and preventive procedures).

The building is very compact and has a central atrium which eases the layout and allows for the needs to adapt when necessary.

Illumination, acoustic, spatial, climatic, energy and functional aspects were all given special consideration.

It will have seven operating theatres, eight ICU cubicles, cutting edge clinical equipment, 60 hospitalization beds and the possibility of being extended to 45,000 m2 and 180 beds.

Client University of Navarre Clinic Area 26,500 m²
Date Ongoing

EL SALVADOR HOSPITAL

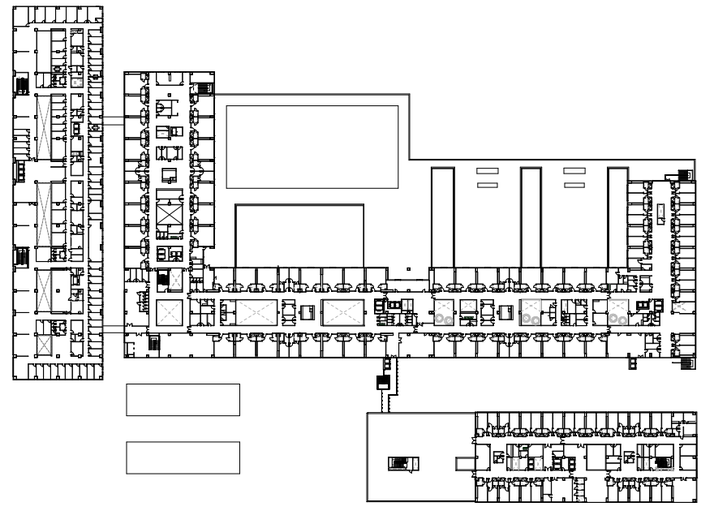
Santiago de Chile, Chile

The new El Salvador Hospital is the replacement for an old and prestigious Chielan hospital unit, erected at the end of the 19th century.On a distinctly urban terrain, the project brings together two institutions which had been apart up to now: the El Salvador Hospital and the Geriatrics National Institute.

The existence of a green park on the plot, as well as original wings which had to be preserved, along with the tight regulations that apply to the plot conditioned the design of the hospital.

The hospital will have 642 beds, 136 consultation rooms and 26 operating theatres. The Geriatrics National Institute, with a 112 bed capacity, serves patients strictly over 60 who require specialized gerontological treatment.

Client Ministry of Public Works Area 112,800 m² Year 2014



Standard floor plan

Aeronautical

CROSS-BORDER TIJUANA AIRPORT
Tijuana, Mexico

NATAL AIRPORT
Natal, Brazil

CAR PARK AT HEATHROW AIRPORT
London, UK

CROSS-BORDER AT TIJUANA AIRPORT

Tijuana, Mexico

Tijuana International Airport is located 60 metres away from the USA – MEX border. The airport in San Diego, the border city on the US side, is congested, while Tijuana's operates at 60% of its capacity.

So, in 2010, permission by the President of the USA was granted to build, maintain and operate a bridge for people to cross. It was called San Diego – Tijuana Airport Cross-border Facility. This bridge is to be used exclusively by travellers going through the airport.

The project unfolds like a lineal element, articulated in two pieces, joined by a similar façade.

One piece connects with the terminal and the other collects the arriving passengers from the bridge and closes off an existing parking area.

Client Grupo Aeroportuario del Pacifico, S.A. Area 2,800 m^2
Year 2013

NATAL AIRPORT

Natal, Brazil

The scheme design and the operative plan for the airport of Natal (Brazil) were carried out by the GAP – FIDENS consortium for the tendering of the airport's concession.

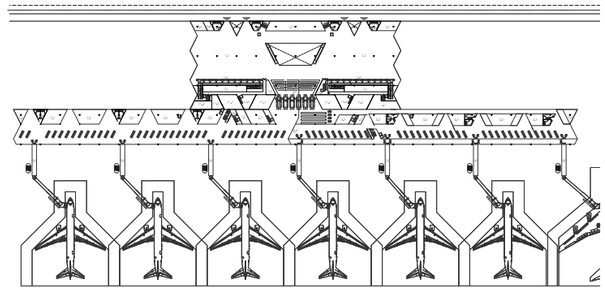
The project includes both the demand-capacity analyses and the functional study of the airport, with all its buildings and systems.

Furthermore, an Investment Plan for the duration of the concession was also written up, as well as an Operative Plan.

The design for the Passenger's Terminal aims to turn it into an iconic reference of the area: a building that will recreate the cultural and scenic atmosphere of Natal. Plus, having intrinsic value, special attention was paid to the union of function, construction, aesthetics and sustainability.

The structural system is organized according to the flow of passengers, based on transversal lines and longitudinal spaces that work as filters towards the air side of the airport. The roof, with a triangular spatial modulation, incorporates a skylight that allows not only for natural lighting but also for the gradual contemplation of the sky until reaching the air-side façade.

Client GAP and FIDENS Consortium Passengers/year 10 M Date 2011 Recognition Shortlisted 9 International Architecture Biennale of São Paulo, 2011



Floor plan

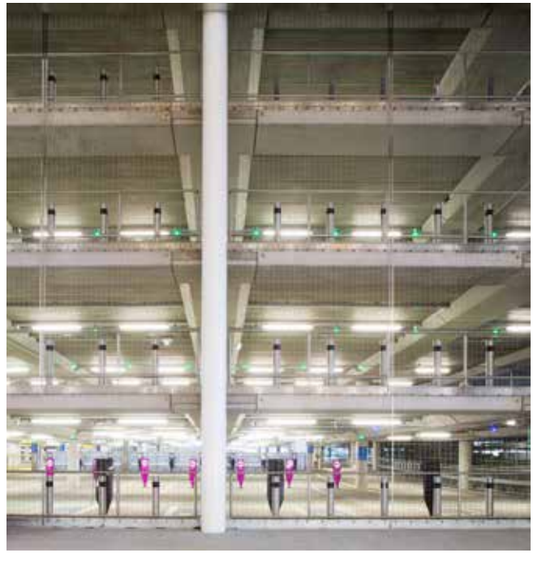
CAR PARK AT HEATHROW AIRPORT

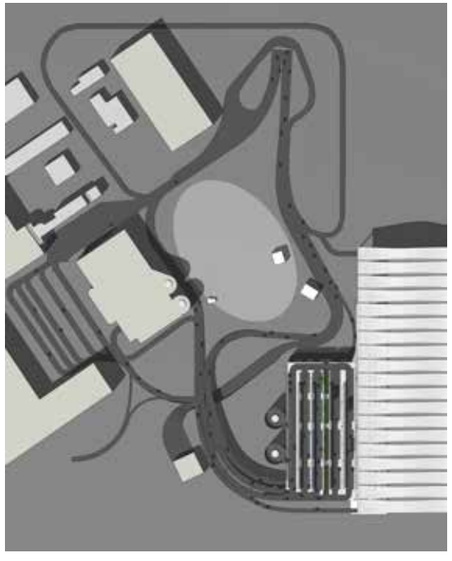
London, United Kingdom

The analysis of options for the car park building of the New Queens Terminal was carried out in coordination with the client. The process defined the main characteristics of the building: the design of the car park levels, the volume, the definition of the spiral ramps, the façade proposal and the inclusion of a central plaza and gardens.

The project, in collaboration with Grimshaw Architects, included the conceptual design and the definition of the design guidelines for the sizing of the project, as well as the study of the project's integration with the airport road network.

Client Heathrow Airport Limited through Ferrovial Agroman Area 50,000 m² Date 2009 | In collaboration with GRIMSHAW Architects (Architectural Concept Design Advisors)





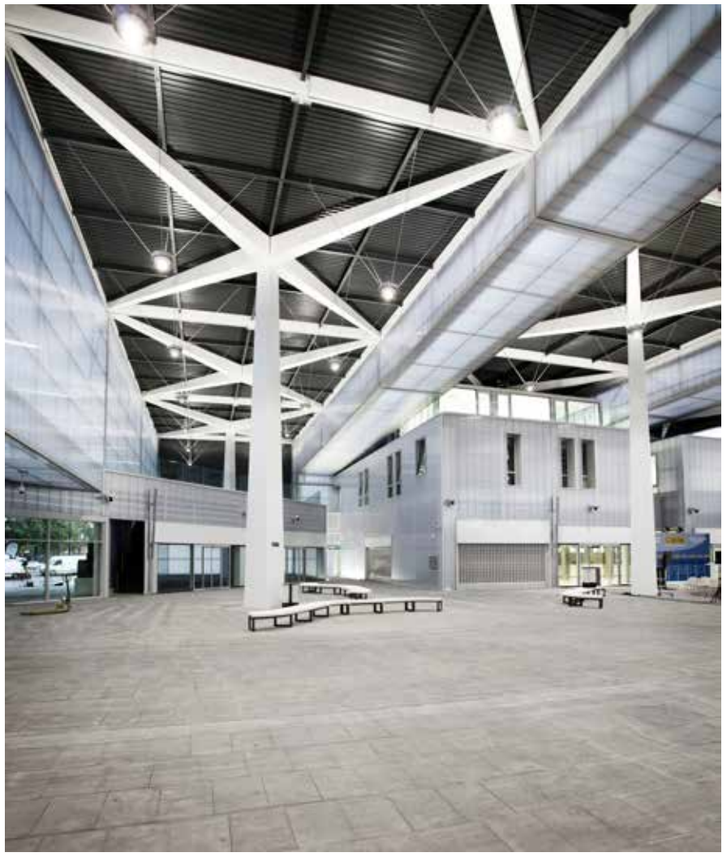
JOAQUIN SOROLLA AVE STATION
Valencia

NEW SAN CRISTOBAL INTERMODAL STATION
La Coruña

HIGH SPEED STATION
Nowe Skalmierzyce, Poland

JOAQUIN SOROLLA AVE STATION

Valencia

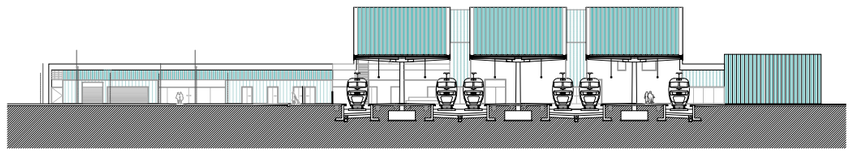


The new station allows for the high speed rail to reach its destination while the underground rail works are completed: South node, access channel, North station and clearance tunnel.

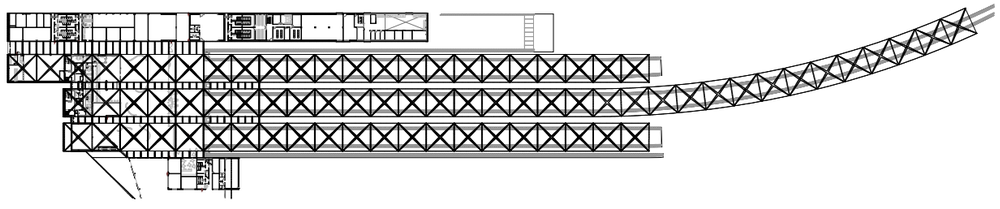
The roof over the platforms is prolonged and risen to protect the concourse. The result is quite pragmatic: a terminus station with a building at its head. The architecture is legible: folded longitudinal bands, a luminous and ventilated inside that lacks the need for HVAC, a neutral exterior which is lit up at night and two scales: the platform, where the train and the passenger interchange and the foyer, where the traveller and the city come together.

The modular idea goes beyond its construction function to become the image of the station: its construction essence is repetitive and systematic. Its structural proposal has personality and character.

Client Ministery of Public Works Area 13,000 m² Year 2010



Cross section



Roof floor plan

NEW SAN CRISTOBAL INTERMODAL STATION

La Coruña

The Intermodal Complex of San Cristobal includes the High Speed Station, a 40 bay coach station and an ADIF office building. Plus, projects will be developed for other uses such as a hotel, a shopping and leisure centre and an office block.

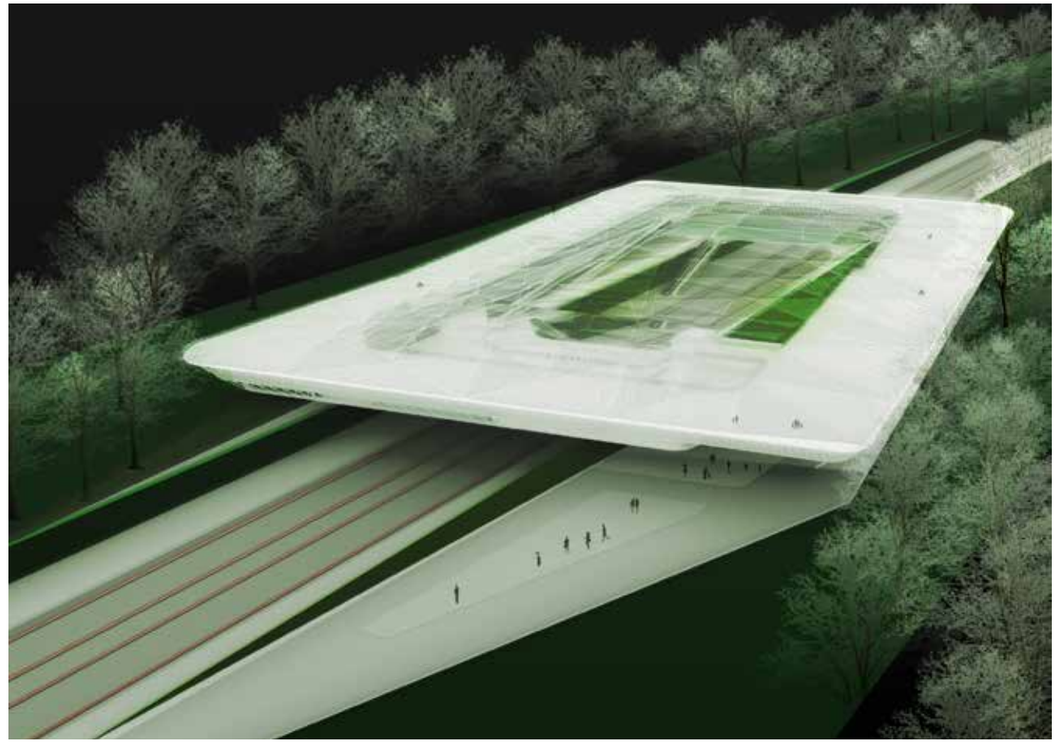
The project, carried out in collaboration with Cesar Portela, includes the town planning of the urban surroundings to ease pedestrian access as well as its integration with the city roads and the future tramway.

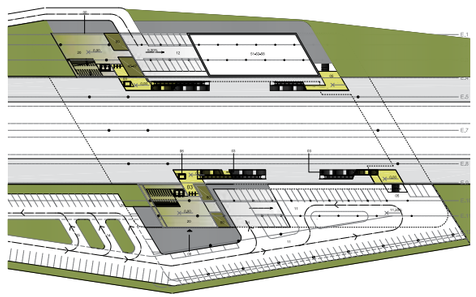
Furthermore, we have carried out Rail Consultancy studies with the idea of analysing the capacity of the infrastructure in the different exploitation scenarios and the different construction phases that allow for the service to run uninterrupted.

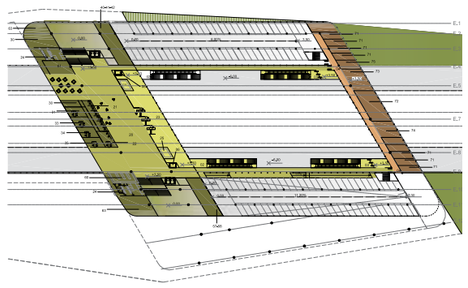
Client ADIF Area 107,200 m² Year Ongoing

HIGH SPEED STATION

Nowe Skalmierzyce, Poland







The design of a new High Speed station in Nowe Skalmierzyce, in the centre of Poland, is part of the Master plan to set up a high speed railway system in the country.

The project, designed in collaboration with BPK Poznan, combines the three main functions: the station, the control centre and a parking lot for 650 vehicles in a single compact body, therefore reducing its environmental impact on the surrounding woodlands.

The building envelope is made from a translucent material which blurs the limits between the inside and out.

Client Plskie Linie Kolejowe S.A. Area 21,500 m² Year 2013

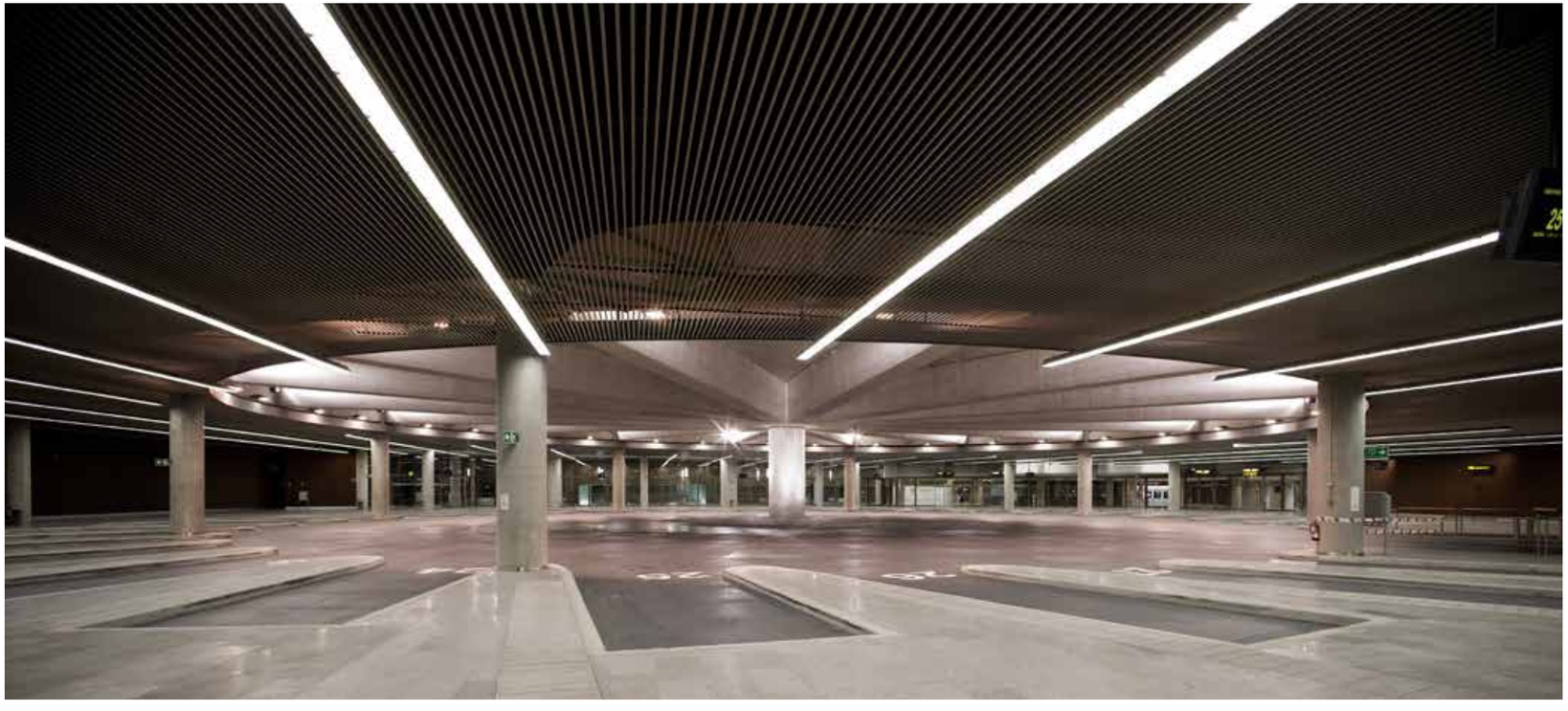
PAMPLONA COACH STATION
Pamplona

RIYADH UNDERGROUND
Riyadh, Saudi Arabia

LINE 6 UNDERGROUND STATIONS
Santiago de Chile, Chile

PAMPLONA COACH STATION

Pamplona

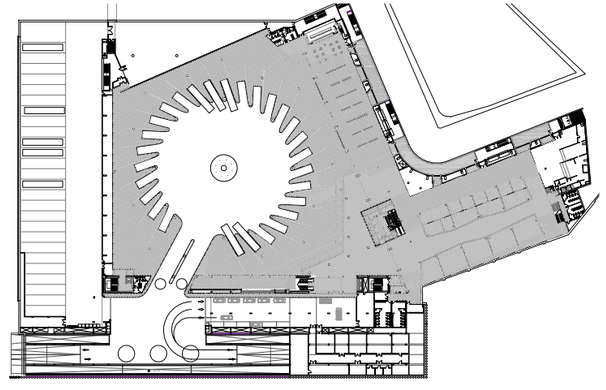


The new Coach Station of Pamplona, completely underground, is located next to Pamplona's citadel, a great defensive Renaissance fortification. The station has, on a first floor, bays for up to 28 coaches in a circular layout, a depot for another 24 coaches, a waiting area, ticket offices, a shopping area with 25 retailing units of different sizes, restaurants, offices, services, and, on the second floor, a car park for 400 cars for residents, subscribers and the general public.

Due to its proximity to the citadel, the project included the archaeological recuperation of part of the remains by consolidating the ruins of Santa Lucia's ravelin and its surrounding moat and the recuperation of the green area that once surrounded it.

The only element visible from the outside is the entrance, made of glass on a single storey and 100 m long

Client Pamplona City Council Area 42,000 m² Date 2007 In collaboration with Blasco, Tabuenca and Sagastume Recognition Finalist COAVN Awards 2010 | Finalist FAD Awards, 2008



Floor -2

RIYADH UNDERGROUND

Riyadh, Saudi Arabia

The city of Riyadh is simultaneously undertaking the first 6 underground lines of the city. The design for Line 3, 41 km long, is carried out as part of the consortium responsible for the project and building work led by Salini-Impregilo.

The project includes the route, tunnel and viaducts, as well as the underground and over-ground stations and the workshops and sheds. Similarly, design also covers the roads and the scenic and urban interventions necessary for the infrastructure to blend in with the city. As for the subterranean stations, a completely new prototype had to be developed, given the width limitations imposed by the narrow streets of the popular Batha neighbourhood.

This opportunity has been taken to increase the spatial quality of the stations and to let sunlight in, all to improve the passengers' orientation and experience.

Client Arriyadh Development Authority Ada Area 41 km of track
Date Ongoing

LINE 6 STATIONS SANTIAGO DE CHILE UNDERGROUND

Santiago, Chile

The project for the new Line 6 underground station is based on two main ideas linked together: Open Station and Metro Parque.

Half the stations are located in parks and pre-existing urban plazas whilst the other half have locations with potential, as a result of expropriations, which will be transformed into public areas and returned to the community in the form of new squares. Line 6 will therefore become a network connecting green areas and public spaces (Metro Parque Network) in the city of Santiago.

The new concept of a more city-exposed underground, along with the stations being in green areas, brought about the transformation of the traditional access aedicula into a pavilion open to the plaza or park in which it is inserted. The station is left completely revealed through this pavilion, allowing visual connections with the outside, natural lighting and ventilation of the inside and favouring the orientation of the users and the identification of the stations, contributing a new identity and relationship with the urban surroundings.

Client Empresa de Transporte de Pasajeros Metro S.A.
Area 15.8 km of track Date Ongoing

Sports

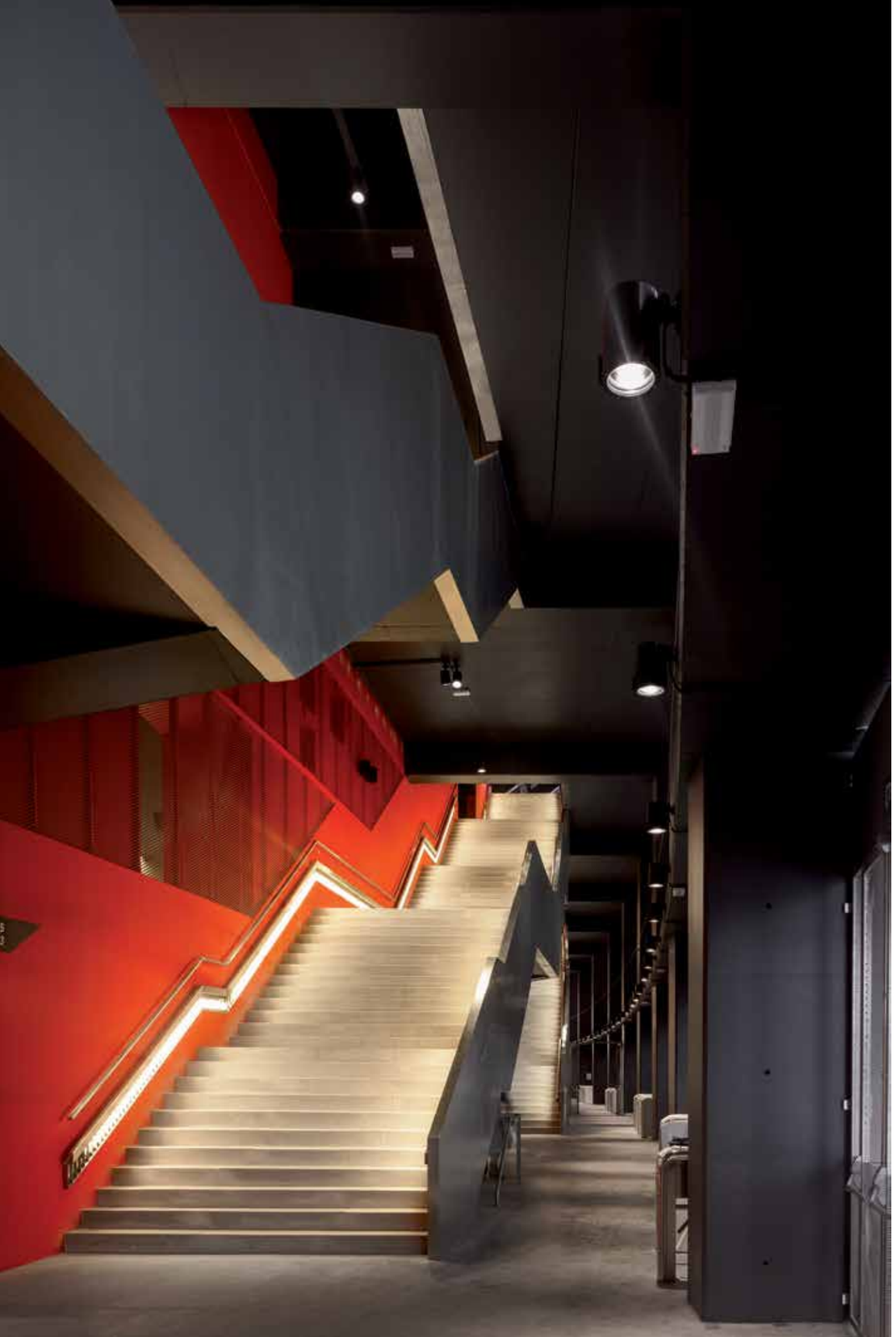
NEW SAN MAMES STADIUM
Bilbao

BILBAO ARENA AND MIRIBILLA SPORTS COMPLEX
Bilbao

SALBURUA CIVIC CENTRE
Vitoria - Gasteiz

NEW SAN MAMES STADIUM

Bilbao

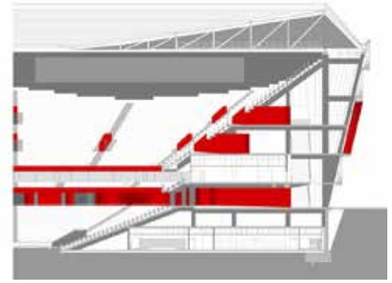


The location of the new stadium, at the end of the urban mesh of the expansion district of Bilbao, peeping over the estuary, turns the building into a piece of architecture that must show itself categorically and with force, but at the same time, respecting the rest of the buildings that make up that area of the city. The project offers added value to the circulation areas, contributing spatial qualities and linking them in an intense fashion to the city and the surroundings.

This connection is materialized by the introduction of great windows framed in red. One of them includes the club's crest, which is projected with LED technology. In the same way, the ETFE panels that make up the façade change their white colour for any imaginable combination of shapes and colours.

The design of the new stadium, with capacity for 53,332 spectators, satisfies the requirements of an "Elite category" stadium, the highest rating under UEFA standards. The complex has complementary uses such as a museum, a shopping area, restaurants, cafeterias, event rooms and meeting and conference rooms.

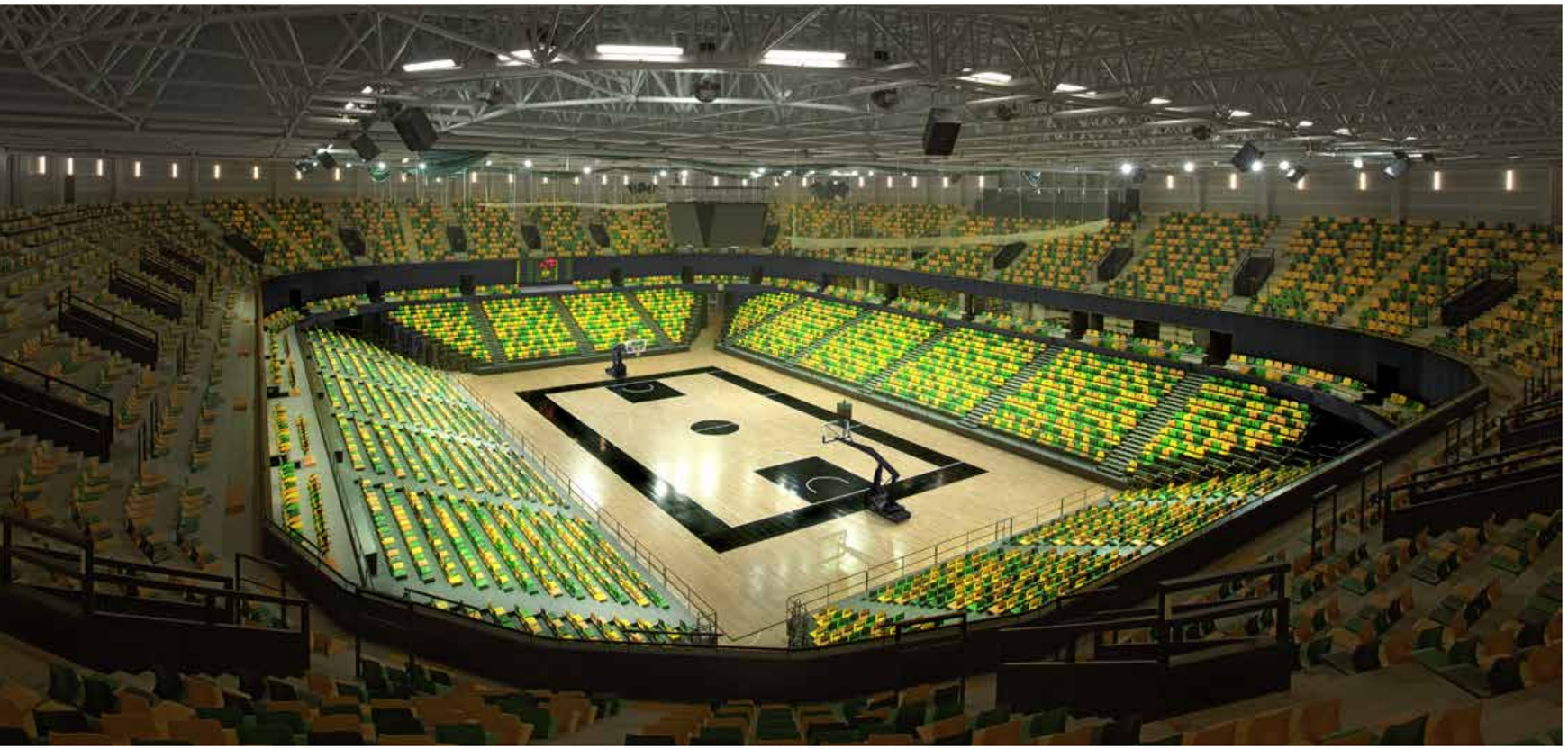
Client San Mames Barria S.l. Area 116,000 m² Date 2015 Recognition First Prize WAF World Architecture Festival, 2015 | Finalist, New Venue category, TheStadiumBusiness Awards, 2015 | Stadium of the Year 2015 at the World Stadium Congress Awards, Qatar, 2015 | Second Prize Stadium of the Year, Public category, Stadium DB Awards, 2015, LEED Energy certificate.



Section

BILBAO ARENA AND MIRIBILLA SPORTS COMPLEX

Bilbao

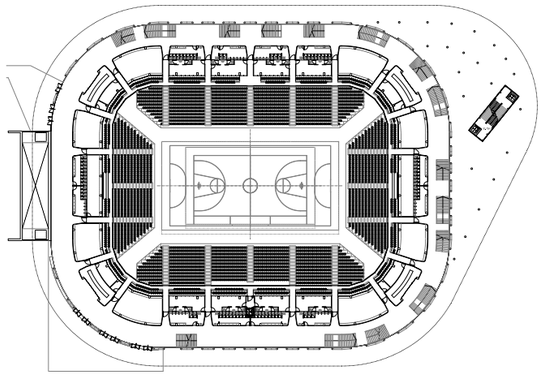


The Bilbao Arena and the Sports Complex are located in the Miribilla neighbourhood, built on a park over old iron mines near the city's old quarters. The plot on which the proposal is to be developed has a great drop: 46 m from one corner to another, over just 200 m.

The Bilbao Arena was designed as a tree, with tree-like pillars that stiffen the metal structure on the façade and steel sheets lacquered in different colours to build an envelope permeable to air that would keep all the HVAC machinery hidden from sight. This volume, the most impressive one, includes a basketball court with a capacity for 8,500 spectators.

The sports centre, the smaller body, is designed as a rock, with prefabricated texturized concrete slabs, coloured like the area's grey limestone. A hollow rock in which the three areas of the sports complex can communicate visually, staggered, in cascade: access to a 240 vehicle car park, gymnasiums and a swimming pool. The building also includes offices for administration purposes.

Client Azpiegiturak S.A.U. Area 30,800 m² Date 2010



First stands floor plan

Recognition First Prize, RIBA AWARDS (EU category), 2012 | First prize Building of the year, sports category, Archdaily, Awards 2012 | Best work published in the Art and Cement magazine in the last year. II Edition AC Construction Awards, 2012 | Honourable Mention, Architectonic Project category, Arquitectura Diáspora Colombiana MMXII Awards, 2012 | Honourable Mention in the People's Vote, Arquitectura Diáspora Colombiana MMXII Awards, 2012

SALBURUA CIVIC CENTRE

Vitoria - Gasteiz

The Civic Centre is a non-residential building that combines sporting, cultural and administrative uses for the Salburua neighbourhood in Vitoria.

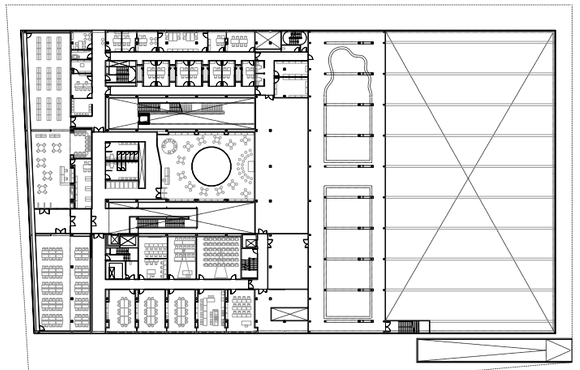
The project conceives the centre as a meeting point for the residents where they can do different social, cultural, fun or sport activities.

The ground floor transmits the idea of permeability between interior and exterior, thanks to the glass building envelope which favours crossed sight lines. So much in fact, that the views can go through the entire building.

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

The program is divided into four levels. The basement harbours the sport courts, gyms, fencing rooms, the dance studio and climbing wall, as well as the building services. The ground floor includes the citizen care areas, the meeting room, the cafeteria, the assembly hall, the fun-club and the stands for the multi-sport area. The first offers shelter to the library, the study room, the workshops and the offices of the social services of the area. Lastly, the swimming pools and changing rooms are on the second floor.

Client Council of Vitoria-Gasteiz Area 12,840 m² Date 2015
Recognition Calener A Energy certificate.



First floor

Refurbishment

REFURBISHMENT OF THE METROPOLITAN SEMINARY
Zaragoza

RENOVATION OF DEUSTO UNIVERSITY Bilbao

REFURBISHMENT OF SAINT ATILANO'S CHURCH
Tarazona

REFURBISHMENT OF THE METROPOLITAN SEMINARY

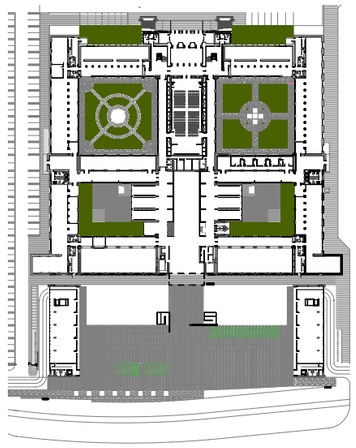
Zaragoza

The architectonic proposal called for the development of an administrative programme that would also represent the City Council of Zaragoza. The refurbished building acts as the new city hall, where the citizens are ever present as well as the governing bodies which are closest to society. The project intends for the representative and the administrative areas to coexist. To this effect, the proposal includes a sequence of public spaces, streets and squares that allow the building to be understood as part of the urban mesh of Zaragoza.

The project revealed the new architectonic pieces free from simulations, yet showing respect for the composition of the original building. The construction of the new bodies seeks to blend the latter in with the pre-existing ones and creates a fluid dialogue between the renovated areas and those to be extended.

The typology of the original building included long cloisters to be crossed, unsuitable for the quick and direct movement required in a major Administrative Centre. In order to solve this problem, the cloisters have been turned into service offices, doing away with the enormous corridors as far as possible and guaranteeing a double orientation in the administrative areas. The representative and governing bodies are located in the centre and along the North-South axis, becoming the centre of gravity of the new building.

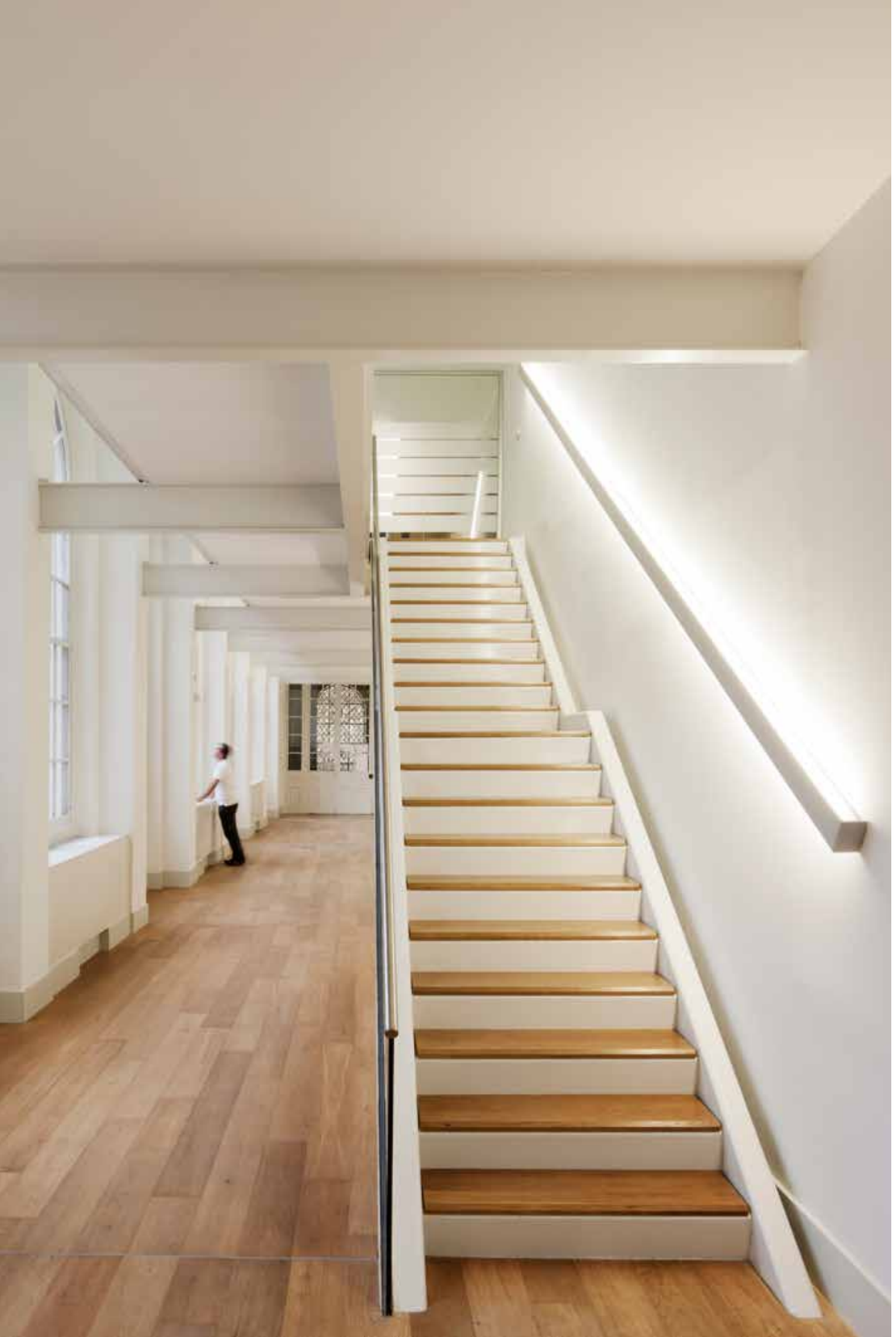
Client Zaragoza City Council Area 53,878 m² Date 2009
Recognition Accessibility Award DFA, 2008

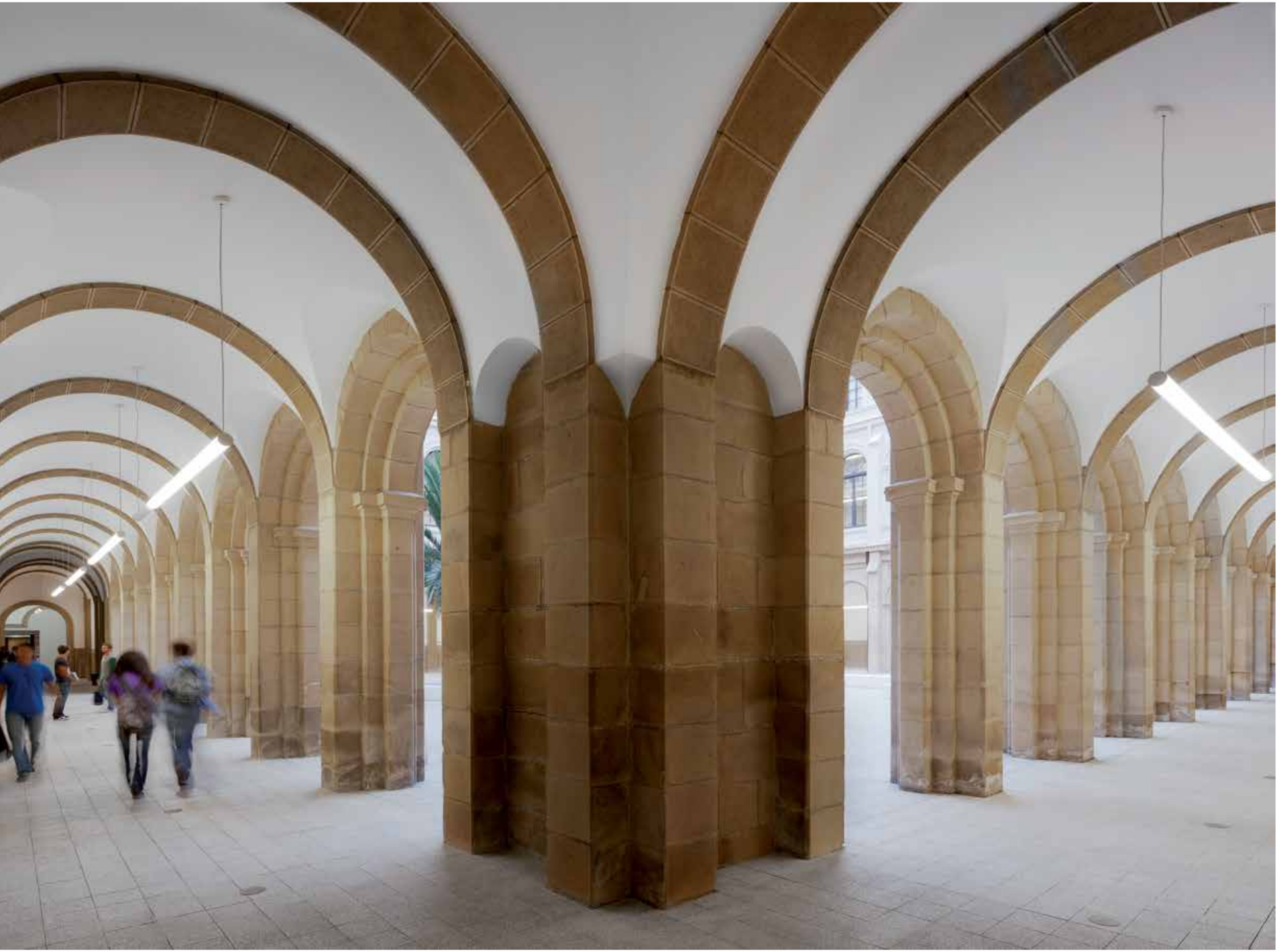


First floor

RENOVATION OF DEUSTO UNIVERSITY

Bilbao





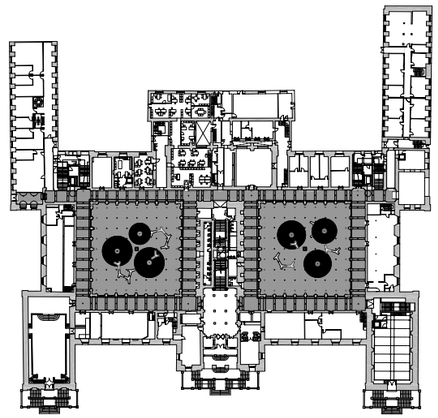
The Central building of the Bilbao branch of the University of Deusto, also known as La Literaria (The Literary), dates back to 1886 and is catalogued as a Monument.

The main objective of the architectural design was to respect and enhance the spatial, aesthetical and functional qualities of the original building.

In order to accommodate the new distribution and programme, it was deemed necessary to keep the mezzanines built in different extensions. Openings in the floor slabs were created so as to improve natural lighting and ventilation, and bring the best out of the original ornaments and volume. All the dispensable existing partitions were eliminated, improving the perception of the interior areas and avoiding the excessive compartmentation that occurred in certain areas.

A new public space was created through the covering of the two central patios of the building. The result is two covered plazas, used for the recent celebration of the 125th anniversary of the foundation of the university.

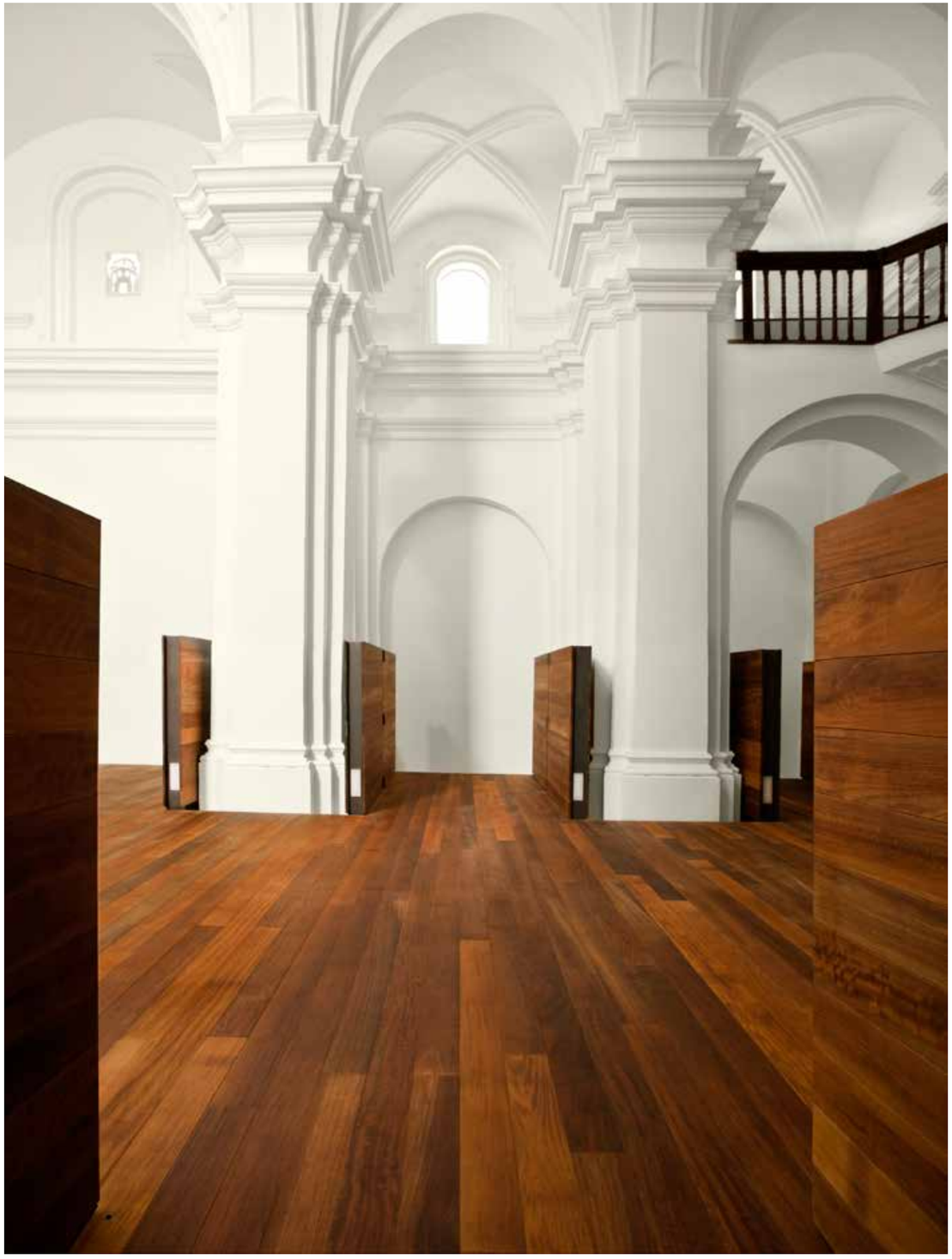
Client Deusto University Area 23,000 m²
Date 2012



Ground floor

REFURBISHMENT OF SAINT ATILANO'S CHURCH

Tarazona



Saint Atilano´s triple nave church is a Baroque temple in the old quarters of Tarazona. The town council decided to refurbish it and convert it into a flexible multi-purpose cultural space.

The intervention had three guidelines. The first was to try to highlight the spatial characteristics of the building: its formal unity, the homogeneity of space and the way in which it collects and reflects light, changing only those elements of little value.

Another guideline of the renovation was to solve the existing pathologies, like the dampness revealed in walls and floors. To achieve this, we applied several layers of permeable lime mortar, which dried the walls. Plus, we set up natural ventilation for the nave and a cavity between the old and the new flooring.

Lastly, the proposal to adapt the premises to their new function leaned on a single element: a wooden platform mounted over the existing floor which shapes the exhibition space.

Client Council of Tarazona Area 428 m² Date 2008

Recognition Third prize "My favourite project", FUTURES Category, CSCAE, 2009 | Finalist XXIV Edition García Mercadal Awards, 2009

Landscape design

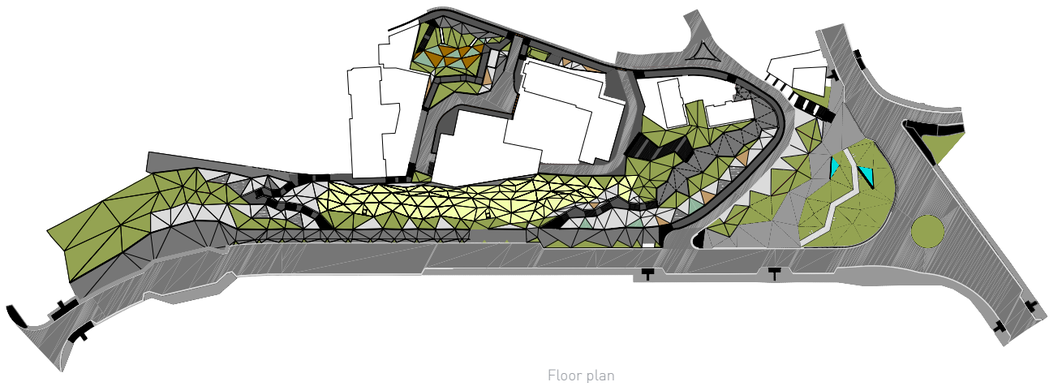
JESUS GALINDEZ SLOPE ESTATE
Bilbao

ABI BAKR BRIDGE
Riyadh, Saudi Arabia

INTERVENTION IN NATIONAL
PARKS OF BRAZIL
Brazil

JESUS GALINDEZ SLOPE ESTATE

Bilbao



Floor plan

The project was framed by a series of steps taken by the Bilbao City Council in the peripheral districts of the city. In this case, it involved integrating a slope, which had posed as a barrier, into the city and generating around it pleasant areas.

Before the intervention, the place was a barren, useless 18 m rocky slope, trapped by the city over-spill. It was modelled using inclined planes of different materials that show its strange topographical physical character to the city.

Also, connecting elements were created between the upper and lower levels, to do away with its barrier status, generating areas for socializing, child play and crossing points. Geometry has become the working rule for dealing with spaces.

This intervention turned the rock slope, which represented a barrier within the city, into an element of connection, for socializing, useful and due to its scale, into a landscape intervention that qualifies the surrounding urban space.

Client Bilbao City Council Area 11,000 m² Date 2009 Recognition Shortlisted "My favourite project", FUTURES Category, CSCAE, 2009
Shortlisted. IV ENOR Awards, 2009 | Selected for V European Landscape Biennale Exhibition, 2008

ABI BAKR BRIDGE

Riyadh, Saudi Arabia

The urban structure in Riyadh follows an orthogonal layout of high-speed roads. Their junctions have to be solved by tunnels and bridges.

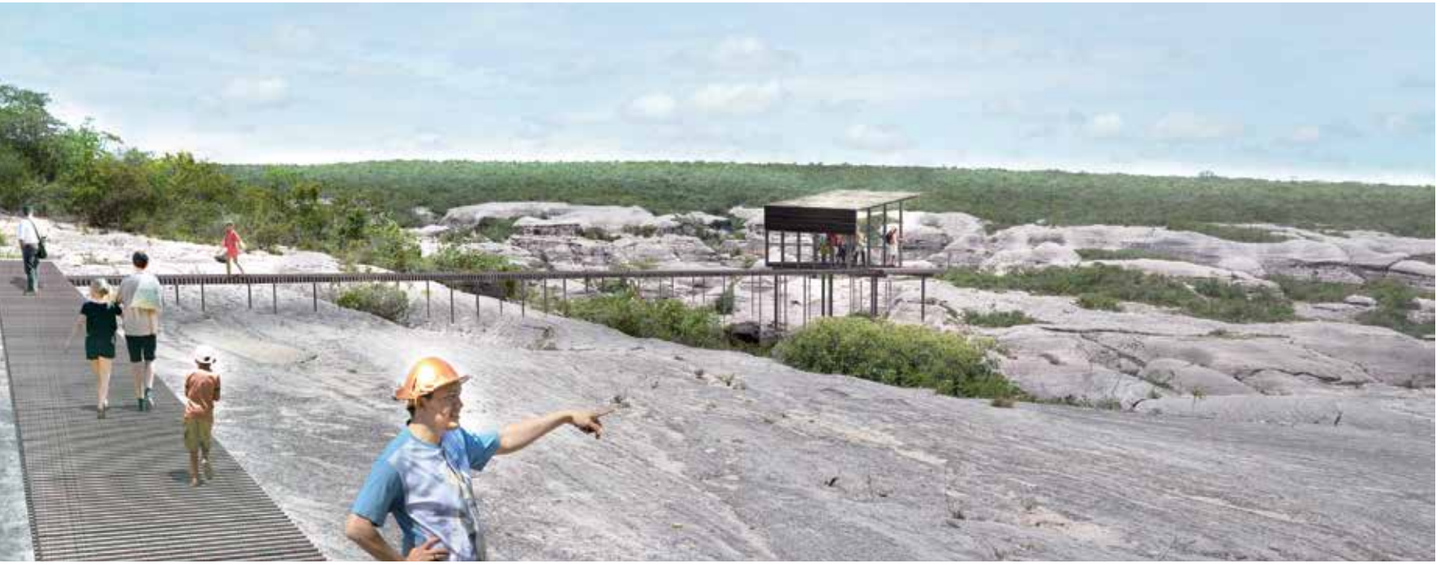
In this case, the junction between Abi Bakr Road and King Abdullah Road had been solved with a concrete bridge, its appearance being hard and aggressive within the urban surroundings.

The client's request was to intervene austerely but radically changing the image of the bridge, making it a part of the urban landscape. For this purpose, our proposal was based on slightly curved profiles, in keeping with our landscape project for Abi Bakr Avenue, over 12 km long. The girders are left suspended and separate from the structure of the bridge, leaving its original form unchanged. With the simple addition of the aforementioned beams, an image of unity is created, whilst the bridge becomes a changing element, depending on the point of view of the citizen.

Client Arriyadh Development Authority (ADA) Area 6,000 m² Date 2014

INTERVENTION IN NATIONAL PARKS OF BRAZIL

Brazil



With the idea of exploiting the tourist potential of the national parks of Jericoacoara, Ubajara, Sete Cidades and Serra das Confusoes, under an economically, environmentally and socially sustainable model, the government of Brazil has called for tenders for the design studies and feasibility analysis of possible private concessions.

The project, being the successful tender, has the objective of setting up the necessary infrastructures for the development of ecotourism whilst preserving the parks. Energy efficiency measures were taken coherent with the region and its climate.

In total, more than 60 infrastructure projects have been carried out, both small and medium scale, such as visitors' centres, lodgings, restaurants and shelters.

The architectonic concept is based on vernacular architecture of the park areas and on a modular system that uses local materials. The system is made up of elements which can be prefabricated, easily transported and set up, avoiding major impacts on the surroundings where they are introduced.

Client Ministério do Planejamento, ICMBio, PNUD Date 2014

City and Territory

MASTER PLANS IN SANTA MARIA DEL MAR: SCIENCE AND TECHNOLOGY SOCIAL PARK AND GASTRONOMIC, TOURIST AND ATMOSPHERIC SCIENCES UNIVERSITY
Santa Maria del Mar, Lima, Peru

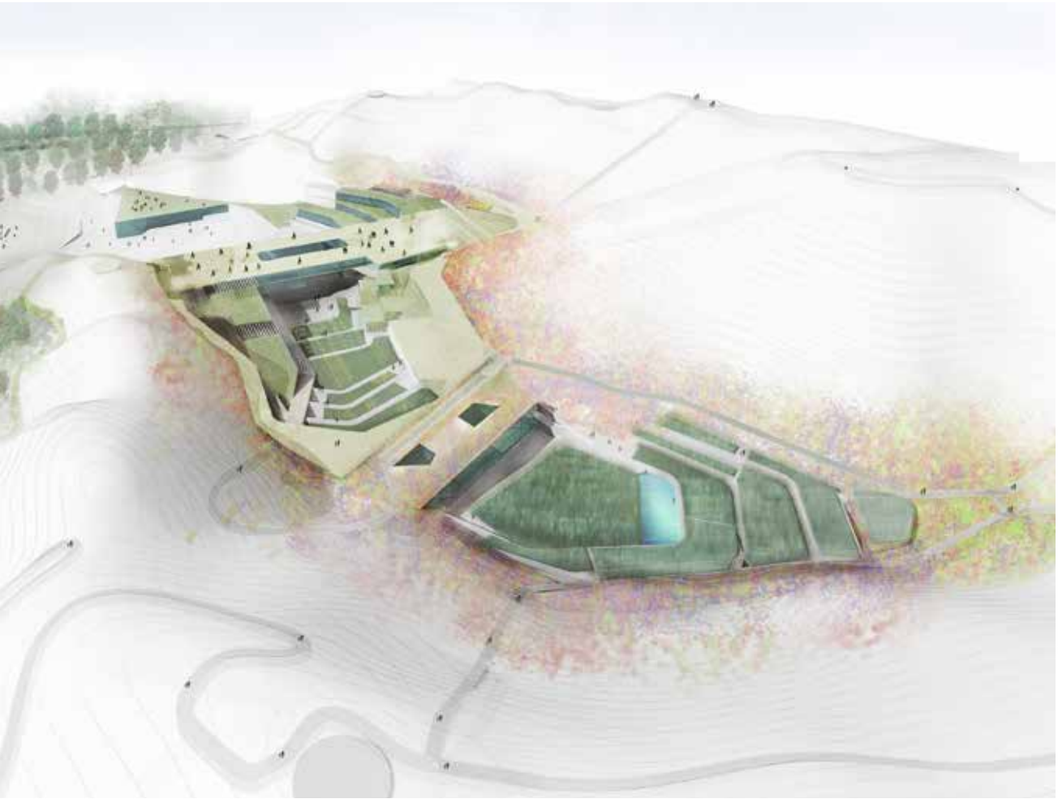
MASTER PLAN FOR THE SPORTS CITY OF ASPIRE
Doha, Qatar

URBAN DEVELOPMENT FOR MEXICO D.F. AIRPORT
Mexico D.F, Mexico

MASTER PLANS IN SANTA MARIA DEL MAR: SCIENCE AND TECHNOLOGY SOCIAL PARK (PCTS) GASTRONOMIC, TOURIST AND ATMOSPHERIC SCIENCES UNIVERSITY (UCGTA)

Santa María del Mar, Lima, Peru

Gastronomic, Tourist and Atmospheric Sciences University



Gastronomic, Tourist and Atmospheric Sciences University

The PUCP (Pontifical Catholic University of Peru) organized an international competition to develop the Master plans for the Science and Technology Social Park (PCTS) and the Gastronomic, Tourist and Atmospheric Sciences University (UCGTA) in Santa Maria del Mar, a small coastal town located 40 km south of Lima.

The PCTS, covering 45 hectares, will be the main technology park in Peru, putting small and medium sized companies together with great corporations in a project that entails the active participation of the university, businesses and the government of the country.

The UCGTA, jointly developed by the PUCP and Peruvian chef Gaston Acurio, in a few years' time will become the main continental reference in gastronomic education and one of the most important worldwide. The building work is due to begin in 2016.

Clients PCTS: Pontifical Catholic University of Peru (PUCP)
UCGTA: PROCIBARIS Areas 45 Ha (PCTS); 25 Ha (UCGTA)
Date Ongoing

Science and Technology Social Park

Science and Technology Social Park

MASTER PLAN FOR THE 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.

Client ASPIRE LOGISTICS (ASPIRE ZONE FOUNDATION)
Area 190 Ha Date Ongoing

URBAN DEVELOPMENT FOR MEXICO D.F. AIRPORT

Mexico D.F.

Mexico City has decided to build a new airport where the old Texcoco lake once was, liberating at the same time the land currently occupied by the International Airport. The reasons behind this decision include the increase in air traffic over the past years – due to the rapid growth of Mexico's economy – and the need to improve airport services.

The job commissioned by the Mexican authorities is to consider the future of the freed 780 hectares and guide the 10,000 hectares needed for the development of the new airport.

On the land occupied by the current airport, the creation of an Economic and Urban Pole has been suggested, which would have high quality and eco-sustainability standards. The suggested operation would create 52,000 homes and 182 green hectares, adequate for 172,000 people to live in. The impact of this operation will generate an estimated 60,000 jobs.

As a whole, it is a unique project worldwide, complex, with a serious number of administrations involved. It will define the future of the Mexican Valley over the next 50 years and positions this megalopolis at the head of Global Cities.

Client Grupo Aeroportuario de la Ciudad de México S.A (GACM)
Area 10,780 Ha Date 2015

Competitions

GUGGENHEIM MUSEUM IN HELSINKI
Helsinki, Finland

NATIONAL FOOTBALL ACADEMY
Frankfurt am Main, Germany

TRANSPORT SYSTEMS
AND MASTER PLAN
Jeddah, Saudi Arabia

BRISTOL ARENA
Bristol, United Kingdom

SPORTS COMPLEX ALGIERS
Algiers, Algeria

EVERTON FOOTBALL CLUB
Liverpool, United Kingdom

LR8 RESEARCH BUILDING
IN ENS MONOD
Lyon, France

SEAT OF THE CENTRAL
AMERICAN PARLIAMENT
Guatemala City, Guatemala

GUGGENHEIM MUSEUM IN HELSINKI

Helsinki, Finland

The international ideas competition for the Helsinki Guggenheim Museum is considered, with over 1,700 entries, the one with the highest participation ever.

In a first stage, the jury selected 6 Finalist project and awarded 15 Honourable Mentions.

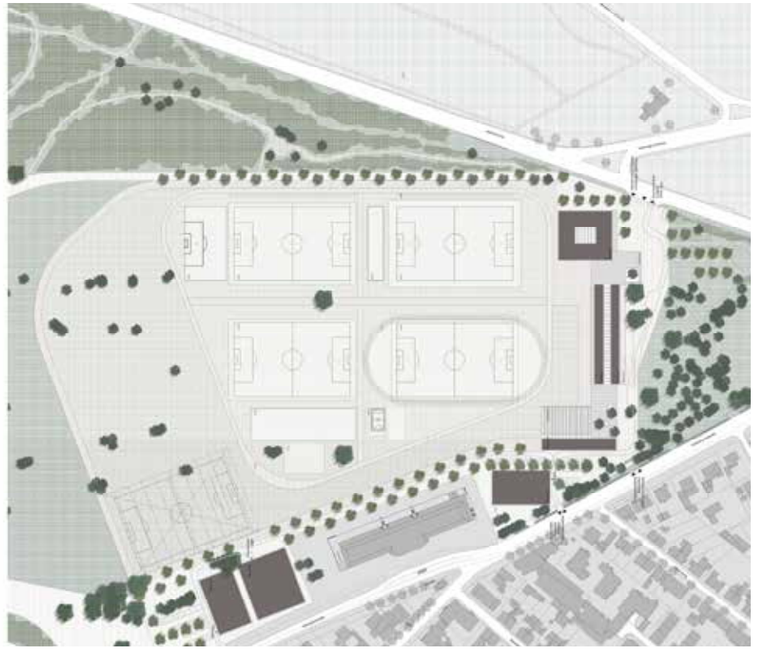
The proposal, among the 15 Honourable Mentions, is inspired by water, trees, light and air, natural elements that articulate the exhibition discourse of the building.

The Museum is articulated at its base thanks to a great maritime plaza that organizes routes and the access to the different public uses as well as the exhibition areas. These are arranged around a great central atrium, forming neutral boxes which overlap at different levels and allow the woods, the port and the sky to be seen. The layout of the exhibition rooms offers multiple ways around and versatile display schemes around the nearby terraces.

Client Solomon Guggenheim Foundation Area 12,100 m² Date 2015

NATIONAL FOOTBALL ACADEMY

Frankfurt am Main, Germany



The architectonic and urban proposal presented seeks to provide the DFB academy with an optimum atmosphere and adequate character as the home and venue for an international high performance sports facility for the best team in the world. The project is located in a sensitive location. With great environmental, landscape, historical and urban value, its technical and economic feasibility must be ensured.

On the access level, the interaction areas such as the hall are concentrated and meeting rooms, cafeterias, restaurants and catering services are located in a slightly elevated and accessible lookout with excellent views of the playing facilities and the skyline.

Client Deutscher Fussbal-Bund Area 52,100 m² Date 2015

TRANSPORT SYSTEMS AND MASTER PLAN

Jeddah, Saudi Arabia

After a two-stage selection process, the city of Jeddah chose 4 teams of architects (Idom, Zaha Hadid, Foster and Partners and HOK) for the competition of the city's new urban transport system. The project includes the design of the underground stations, the "water taxi" stops, the bus stops and an intermodal station as well as the Master Plan for the area it is in.

The proposed solution shares a common image for the entire infrastructure, giving each typology its own identity through the use of colour. The image of the buildings takes as reference the abstract geometry of Arab art and the idea of stars as guides on cross-desert trips. This reference can be appreciated both in the design of the buildings (inside and out) and in the way the urbanization is dealt with. Another basic criterion was the response to the climate, going for buildings that, like traditional architecture did, work as filters that reduce the impact of heat and light to a minimum.

Client Metro Jeddah Company Date 2014

BRISTOL ARENA

Bristol, United Kingdom

Bristol Arena is designed not only as a building but also as an iconic object distinctive of the city of Bristol.

The proposal is based on two ideas: water and a theatre curtain. Water was chosen as a metaphor for the relationship between Bristol and nature and its role as 2015 Green European Capital. The theatre curtain idea comes from the will to design the building as a stage, behind which the varied programme elements remain hidden. The flexible design allows for different configurations for the hosting of other types of event, such as fairs, sport events, conferences and, this being its main function, the celebration of concerts for up to 12,000 people.

Apart from the areas corresponding to the building's purpose, it includes a good array of premises destined to intensify the experience of events: a great lobby, shops, cafeterias, box seats and VIP areas, sky-bar, restaurant, etc.

Client Bristol City Council Area 20,500 m² Date 2015

SPORTS COMPLEX IN ALGIERS

Algiers, Algeria

The competition calls for the urban regeneration of an extensive area on the seafront of the Bay of Algiers with the construction of a Sports Hall and Olympic Swimming pools.

The bay of Algiers is also known as the "pearl necklace". Inspired by this metaphor, the conceptual idea comes from an open bivalve shell. The convex valve is the Sports Hall, with capacity for 15,000 spectators, with small leisure and training sport courts surrounding it.

The concave valve is the Olympic Swimming pool, with capacity for 5,000 spectators. Both elements are linked and connected by a platform that articulates them and which includes the added services such as cafeterias, shopping and leisure areas, several entrances and a car park for up to 2,500 vehicles. Both sport facilities are appropriate for Olympic or world championships.

Client Direction des Équipements Publics. Wilaya de Alger
Area Sports Hall: 39,429 m². Olympic Swimming pool: 17,560 m²
Date 2015

EVERTON FOOTBALL CLUB

Liverpool, United Kingdom

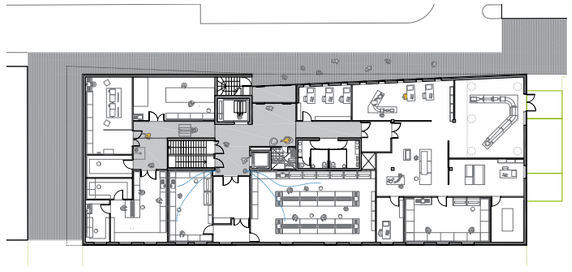
With the idea of moving on from the limitations of its Goodison Park stadium, Everton FC invited a number of architects to come forward with proposals for the stadium with the best atmosphere in the world of football; a thrilling, inspiring and intimidating stadium, set in a new location in Walton Hall Park.

The programme for the stadium, with a capacity for 50,000 spectators, includes stands for 17,000 local fans (Home End), 4,000 premium seats, 4,000 seats for parents and children in the Family zone near the pitch, a vibrant Fan Zone and the Club's community action body offices: Everton–in-the-Community as a built-in part of the maximum level services offered at the Stadium.

Client Everton FC Area 150,000 m² Date 2015

LR8 RESEARCH BUILDING IN ENS MONOD

Lyon - France



The École Normale Supérieure (ENS) is a very prestigious French institute for advanced studies that covers most literary and scientific disciplines. It offers its students pre-doctorate and doctorate programmes.

The purpose of the current project is to turn the Monod Campus, located in the city of Lyon, into a world reference in the field of biomedicine. The construction of the LR8 building will allow for the extension of some existing laboratories and the reorganization of the present campus logistics. The LR8 houses a greenhouse with a plant reproduction laboratory and several biology, physics and chemistry laboratories.

Despite the heterogeneity of the uses on the programme, the proposed structure eases the clarity of the uses and the flexibility for future extensions. The location of the greenhouse topping the building off gives it a very special character while showing the city what goes on in the centre.

Client Metropole de Lyon Area 3,300 m² Date 2014

SEAT OF THE CENTRAL AMERICAN PARLIAMENT

Guatemala City, Guatemala

The ideas competition was won with the motto "Under the Volcano", a proposal materialized in a great element around which everything revolves.

The conch was the calling tool of Mayan cultures. Hence, using this symbol, that central element is to be spiral-shaped (as a seashell), as a response to a reunion and dialogue programme, around which the rest of elements are organized.

With a capacity for 184 deputies, 40 diplomats, visitors and press, the chamber of deputies is embraced and accompanied by an administrative building and offices, connected by their main seating floor. It expands towards a plaza that could host institutional events.

Client Central American Bank for Economic Integration Area 15,600 m² Date 2013

Credits

BILBAO OFFICE

HEAD ARCHITECT
Javier Pérez

PROJECT MANAGEMENT
Oscar Malo

ARCHITECTS
Oscar Ferreira da Costa
Jabier Fernández Sánchez
Josu Eguileor Astigarraga

COSTS
Agurtzane Insa
Javier Ruiz de Prada
Gabriel Bustillo

STRUCTURES
Alberto Fuldain
Angel Gómez

BUILDING SERVICES
Jon Zubiaurre
Alvaro Gutierrez
Arturo Cabo
Oscar Malo
Mikel Aguirre
Rafael Pérez
Lorena Muñoz

FIRE
Arturo Cabo

ENERGY EFFICIENCY AND SUSTAINABILITY
Vindio Corro

SPECIALISTS
Iñaki Zabala
Joserra Ruiz
Carlos Olmedillas

ADMINISTRATION
Sonia López
Blanca Ugarte
Rosa Gutierrez

SITE SUPERVISION
Javier Pérez
Agurtzane Insa

SITE MANAGEMENT
Juan Guinea
Mikel Mendikote
Miguel García
Amaya Lastra

COMPUTER GRAPHICS
Alfonso Alvarez Díaz
Roberto Fernández de Gamboa Vidal

PHOTOGRAPHY
Aitor Ortiz

MADRID OFFICE

HEAD ARCHITECTS
Jesús M. Susperregui Virto
Jorge Martínez Bermejo

HEAD ENGINEER
Antonio Villanueva

PROJECT MANAGEMENT
Guillermo Digregorio Verdún

ARCHITECTS
Andrés Mackenna Rueda
Borja Aróstegui Chapa
Pablo Elorz Gaztelu

COSTS
Jon Anduela Mugraza
José Manuel Vidal de Torres Ruiz

STRUCTURES
Fernando De Aguinaga García
Rocío García Cuevas
Jorge De Prado Romero
David García Menéndez

HVAC
Antonio Villanueva Peñalver
Ramón Gutiérrez Fernández-Cuervo
Isaac Lorenzo Morales

ENERGY EFFICIENCY AND SUSTAINABILITY
Ismael Díaz Salvador
Ramón Gutiérrez Fernández-Cuervo
Miguel Pastor Llamas

LIGHT
Noemí Barbero Zumalacarregui

ELECTRICITY
Carlos Trujillo Campi
Eugenio Domínguez Fernández

TELECOMMUNICATIONS
Teresa López-Contreras
Javier Cabrera

FIRE
Santiago Alonso Ornat
Jaled Salman Callejo
Héctor Mayordomo Herraiz

ACOUSTICS
Mario Torices Fernández

SPECIALISTS
Óscar Martín Corpa
José Luis Macías Toledano
Alexey Lysogor
Ezequiel Dangello Zanellato
Javier Garrayo Franco

PHOTOGRAPHY
Fernando Guerra
Alfonso Calza

LIMA CONVENTION CENTRE

HEAD ARCHITECTS
Tono Fernández Usón, César Azcárate, Javier Álvarez de Tomás

PROJECT MANAGEMENT
Javier Álvarez de Tomás

ARCHITECTS María Cortés Monforte, Jorge Rodríguez, Alejandra Muelas, Enrique Alonso, Adrián Jabonero, Roberto Moraga, Armide González, Nazaret Gutiérrez, María Amparo González, Lucía Chamorro, Jesús Barranco, Magdalena Ostornol, DESSIN-TECHNISCH, Borja Gómez, Pablo Viña, Luis Valverde

COORDINATION LIMA TEAM
Miguel de Diego

COORDINATION MADRID TEAM
Alejandro Puerta, Carmen Camarmo

STRUCTURES Alejandro Bernabéu, Javier Gómez, Mónica Latorre

HVAC Antonio Villanueva, Ramón Gutiérrez, Mariano Traver, SOLVENTA

LIGHT Noemi Barbero

WATER AND FIRE PROTECTION Ramón Gutiérrez, Mariano Traver, SOLVENTA

ELECTRICITY José Antonio Yubero, Luis Martín, Carlos Jiménez, José Manuel Jorge, SOLVENTA

TELECOMMUNICATIONS José Antonio Yubero, José Manuel Jorge, Carlos Jiménez, Luis Martín, SOLVENTA

ACOUSTICS Mario Torices

SPECIALISTS Óscar Martín Corpa, Carlos Mendoza, Alexander Chic, Sergio Lozana

ADMINISTRATION
Banesa Marrero Castro

PHOTOGRAPHY
Antonio Sorrentino / PHOSS

BEC BILBAO EXHIBITION CENTRE

HEAD ARCHITECTS
César Azcárate Gómez
Esteban Rodríguez (SENER)

PROJECT MANAGEMENT
Alexander Zeuss Sawitzky
Fernando del Campo (SENER)
Javier Aróstegui Oleagordia
Eva Madariaga

ARCHITECTS
Cruz Lacoma
María Labastida
Marc Rips
Ruth Mendoza
Iñigo Arana
Gonzalo Carro
Raimundo Bambó
Manuel Andrades
Jorge Minguet
Eloy Olabarri
SENER

COSTS
SENER

STRUCTURES
SENER

HVAC
Jon Landaburu Fernández
Jon Zubiaurre Sasia

LIGHT
ALS Iluminación

WATER
Alberto Ribacoba Pereda

ELECTRICITY
Alvaro Gutiérrez Cabello – Arce
Amaia Lastra Sisniega
Javier Aróstegui Oleagordia

TELECOMMUNICATIONS
Gonzalo Sales García-Egocheaga
Roberto Martínez Somolinos
Xavier Elustondo González Pinto

FIRE
Arturo Cabo Ordoñez

SUSTAINABILITY
Germán Monge Ganuzas

SPECIALISTS
Alberto Asla Madariaga
Carlos Olmedillas Calejero
Imanol Eizmendi Iraurgui
Jesús Maria Barrenechea Urgoiti
Jon Llona Larrauri
José Ramón Rodríguez Lope
Juan Guinea Elustondo
Mikel Mendicote Goicoechea

SITE SUPERVISION
César Azcárate Gómez
Javier Ruiz de Prada
Yon Ochoa Marieta
SENER

SITE MANAGEMENT
Alexander Zeuss Sawitzky
Eva Madariaga Ruiz
Javier Oteiza
Javier Vergara Gastán

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Carlos Casariego
Aitor Ortiz

MOHALI CONVENTION AND EXHIBITION CENTRE

HEAD ARCHITECT
Javier Quintana

PROJECT MANAGEMENT
Javier Quintana

ARCHITECTS
Max Fawcett
Viral Bhavsar
Alberto Sabater

COSTS
Viral Bhavsar

HVAC
Mikel Lotina

LIGHT
Mikel Lotina

WATER
Mikel Lotina

ELECTRICITY
Mikel Lotina

TELECOMMUNICATIONS
Mikel Lotina

SPECIALISTS
Maria Perez Sarasibar
Dean Slidel
Marwa Altai
Carla Slidel

COMPUTER GRAPHICS
GLT

HISTORICAL ARCHIVES OF THE BASQUE COUNTRY

HEAD ARCHITECT
Gonzalo Carro López

ARCHITECTS
Ion Zubiaurre Ros
Oscar Ferreira da Costa
Javier Manjón Herrero

COSTS
Agurtzane Insa Saenz
Gabriel Bustillo Churruca
Javier Ruiz de Prada

STRUCTURES
Miguel Angel Corcuera Lizaso
Romina González Hierro

HVAC
Alvaro Gutiérrez-Cabello Arce,
Lorena Muñoz García, Mikel Aguirre
Zamalloa, Rafael Perez Borao

ENERGY EFFICIENCY AND SUSTAINABILITY
Blas Beristain

LIGHT
Alvaro Gutiérrez-Cabello Arce,
Miguel García Castillo, Luz Bilbao

WATER
Alvaro Gutiérrez -Cabello Arce
Lorena Muñoz García

ELECTRICITY
Alvaro Gutiérrez -Cabello Arce
Miguel García Castillo

TELECOMMUNICATIONS
Alvaro Gutiérrez -Cabello Arce,
Estibaliz Lekue Vallejo, Ignacio
Alcázar Alonso

SPECIALISTS
Carlos Olmedillas Calejero, José
Ramón Rodríguez Lope, Luis Miguel
Escalona, Rebeca Pesquera, Virginia
Martín Carrón

ADMINISTRATION
Blanca Ugarte García, Rosa
Gutiérrez Puente, Sonia López-
Gómez Martínez

SITE SUPERVISION
Gonzalo Carro López
Gabriel Bustillo Churruca

GRAPHIC DESIGN
Natalia González Matrelle
Inés Uribarren Rúa

COMPUTER GRAPHICS
ROBERTO FERNÁNDEZ DE GAMBOA

PHOTOGRAPHY
Aitor Ortiz

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Javier Pérez Uribarri

ARCHITECTS
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Marina Ajubita
Adrian López
Naiara Bravo
Fernando Garrido

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Ziortza Bardeci
Sergio Llamosas

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DimARK & Nicolás Parra

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Alvaro Gutiérrez-Cabello Arce
Carol Pousada
Ignacio Alcazar
Nathaly Osorio
Boslan Ingeniería

ENERGY EFFICIENCY AND SUSTAINABILITY
Jesús Lázaro
Blas Beristain

LAND SURVEYING
Tecnisuelos

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Geocom

TRAFFIC STUDY
David Moncholí
Rosa Gallego

MARKET RESEARCH
Carlos Edgar Mir
Juan Antonio Gómez
Eduardo de la Peña

MUSEOGRAPHY
Israel Sousa
Zorrozua Asociados

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MANUEL LEIRA

SCALE MODEL
DANIEL URIBE

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Gonzalo Carro López
Javier Pérez Uribarri

ARCHITECTS
Carlos Guimaraes

COSTS
ATHOS

STRUCTURES
Javier Eskubi
Angel Gómez Fernández
Amaia Oyón Blanco

HVAC
Jon Landaburu Fernández
Patxi Sánchez

ENERGY EFFICIENCY AND SUSTAINABILITY
Patxi Sánchez

LIGHT
Susaeta Iluminación

WATER
Alberto Ribacoba Pereda
Begoña Sánchez Rojo

ELECTRICITY
Unai Medina

SPECIALISTS
Carlos Olmedillas Calejero
Hipólito Bilbao Alday
Iñaki Zabala
José Ramón Rodríguez Lope

ADMINISTRATION
Blanca Ugarte García
Sonia López-Gómez Martínez

SITE SUPERVISION
Gonzalo Carro López
ATHOS

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Aitor Ortiz

NEW CEIBS CAMPUS

HEAD ARCHITECT
Iñaki Garai Zabala

PROJECT MANAGEMENT
Ander Gorostiaga Pérez-Yarza

ARCHITECTS
José Cavallero
Inés López Taberna

STRUCTURES
IPPR

HVAC
IPPR

LIGHT
LEOX

WATER
IPPR

ELECTRICITY
IPPR

TELECOMMUNICATIONS
IPPR

ACOUSTICS
IPPR & Tisseyre & Associes

COMPUTER GRAPHICS
Alfonso Alvarez Díaz
Roberto Fernández de Gamboa

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TEACHER TRAINING SCHOOL

HEAD ARCHITECT
César Azcárate

PROJECT MANAGEMENT
Sergio LLamosas

COSTS
Ziortza Bardeci

ARCHITECTS
Helena M. Rios Pais
Carlos Godinho Guimaraes
Ion Zubiaurre
Ricardo Moutinho
Nuria Pérez
Javier Manjón

STRUCTURES
Miguel Ángel Corcuera
Xabier Gonzalo
Virginia Martín

HVAC
Lorena Muñoz

ENERGY EFFICIENCY AND SUSTAINABILITY
Andy Backer
Patxi Sánchez

LIGHT
Miguel García

WATER
Begoña Sánchez

ELECTRICITY
Álvaro Gutiérrez

TELECOMMUNICATIONS
Gerardo Ruiz
Daniel Torre

ADMINISTRATION
Sonia López-Gómez

SITE SUPERVISION
César Azcárate
Sergio Llamosas

SITE MANAGEMENT
Sergio Llamosas

COMPUTER GRAPHICS
Alfonso Alvarez Díaz
Roberto Fernández de Gamboa

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Aitor Ortiz

EXTENSION OF THE UNIVERSITIES OF ALIOUNE DIOP Y GASTON BERGER

HEAD ARCHITECTS
Javi Pérez
Federico Pardos

ARCHITECTS
Beatriz San Salvador
Hugo Prades

PROJECT MANAGEMENT
Federico Pardos

COSTS
Ana Robles
Joseba Andoni Aguirre

STRUCTURES
Miguel Angel Corcuera
Fernando López

HVAC
Arturo Cabo

ENERGY EFFICIENCY AND SUSTAINABILITY
Blas Beristain

LIGHT
Arturo Cabo
Miguel García

WATER
Arturo Cabo
Luis González

ELECTRICITY
Arturo Cabo
Francisco José Sánchez

TELECOMMUNICATIONS
Arturo Cabo

SPECIALISTS
Iñaki Zabala
Gorka Aguillo
Imanol Eizmendi
Jon Vázquez
José Ramón Rodríguez
Carlos Olmedillas
Luis Miguel Escalona
Matteo Cassano

ADMINISTRATION
Clarisse Guiraud
Sonia López

SITE SUPERVISION
Federico Pardos
Cabinet d'architecture
Alioune Sow

GRAPHIC DESIGN
Natalia González Matrelle
Inés Uribarren Rua

COMPUTER GRAPHICS
Roberto Fernández de
Gamboa
Alfonso Álvarez

HQ SCIENCE PARK OF THE UPV/EHU

HEAD ARCHITECT
Gonzalo Carro López

PROJECT MANAGEMENT
Gonzalo Carro López

ARCHITECTS
Oscar Ferreira
Javier Manjón
Aintzane Gastelu-Iturri

COSTS
ATHOS

STRUCTURES
Angel Gómez Fernández
Alejandro Bernabeu

HVAC
Lorena Muñoz
Mikel Lotina

ENERGY EFFICIENCY AND SUSTAINABILITY
Blas Beristain

LIGHT
Lorena Muñoz
LUZ BILBAO

WATER
Alberto Ribacoba Pereda

ELECTRICITY
Lorena Muñoz

TELECOMMUNICATIONS
Ibai Ormaza
Ignacio Alcazar
Isabel Luquin

FIRE
Lorena Muñoz

SPECIALISTS
Carlos Olmedillas Calejero
Imanol Eizmendi
Iñaki Zabala
José Ramón Rodríguez Lopez

ADMINISTRATION
Blanca Ugarte García
Sonia López-Gómez Martínez

SITE SUPERVISION
Gonzalo Carro López
Aitziber Goikoetxea (ATHOS)
Pedro Berroya (ATHOS)

COMPUTER GRAPHICS
Alfonso Álvarez
Roberto Fernández de Gamboa

PHOTOGRAPHY
Aitor Ortiz

NEW OFFICES OF THE VITORIA CITY COUNCIL

HEAD ARCHITECTS
César Azcárate
Jesús Armendariz

PROJECT MANAGEMENT
José Angel Fernández

ARCHITECTS
Daniela Bustamante
Amaia Los Arcos

COSTS
Juan Dávila

STRUCTURES
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Gorka Viguri
M.A. Valverde
Unai Mardones

HVAC
Camino López,
Iñigo Aguirre
Naiara Moreno

LIGHT
Elena Guezuraga
Susaeta iluminación
Mikel Fernandez de las Heras

WATER
Beatriz Lorenzo

ELECTRICITY
Elena Guezuraga
Mikel Fernandez de las Heras

TELECOMMUNICATIONS
Elena Guezuraga

FIRE
Beatriz Lorenzo

ACOUSTICS
Mario Torices

ENERGY EFFICIENCY AND SUSTAINABILITY
José Ángel Fernández
Federico Reguero

SPECIALISTS
Itziar Ramírez
Arrate López de Maturana,
Gorka Arceniaga
Marta García
Edurne Jiménez de Aberasturi,
Josune Moreno

ADMINISTRATION
Emma Luna

SITE SUPERVISION
César Azcárate
Jesús Armendariz

SITE MANAGEMENT
Juan Dávila
Javier Dávila

COMPUTER GRAPHICS
Roberto Fernández
de Gamboa
Alfonso Alvarez

PHOTOGRAPHY
Aitor Ortiz

ENERGY CONTROL CENTRE

HEAD ARCHITECT
Tono Fernández Usón

PROJECT MANAGEMENT
Oriol Passola

ARCHITECTS
María Cortes
Carlos de la Barrera
María Ruiz
Jose Manuel Muñoz

COSTS
Jonathan García

STRUCTURES
Ana Andrade
Edit Zelanyi
IECA S.A.

HVAC
Oriol Passola
Antonio Villanueva

ENERGY EFFICIENCY AND SUSTAINABILITY
María Cortes
Oriol Passola
Antonio Villanueva

BUILDING ENVELOPE
Magdalena Ostornol

WATER
Iris Cobas

SAFETY
Vicente Montoya

ELECTRICITY
Marc Fandós

ACOUSTICS
Mario Torices

BUILDING SERVICES
CIRCUITO S.A.

SPECIALISTS
Marc Gil
Jesús Bascomte

ADMINISTRATION
Soledad Margarit

COMPUTER GRAPHICS
Andreia Faley

AIC AUTOMOTIVE INTELLIGENCE CENTER

HEAD ARCHITECTS
Javier Pérez Uribarri
Xavier Aparicio Ortega

PROJECT MANAGEMENT
Javier Pérez Uribarri

ARCHITECTS
Cristina Lamikiz Dauden
Fernándo Ortega Platel
Jabier Fernández Sánchez
José Cavallero
Josu Eguilior Astigarraga
Marc Rips
Marina Durán Sela
Nuno Lobo Guerra
Oscar Ferreira da Costa
Ricardo Moutinho
Roberto Aparicio

COSTS
Arrate Atxalandabaso
Ziortza Bardeci Guinea

STRUCTURES
Angel Gómez Fernández
Francisco García Ruiz
Joao Filipe Serrano Almeida
Mikel Presilla Krobel
Natalia Sagasti Martínez de Zuazo
Unai Mardones Pérez

HVAC
Rafael Perez Borao
Mikel Aguirre

LIGHT
Oscar Malo Jesús

WATER
Amaia Lastra Sisniega

ELECTRICITY
Oscar Malo Jesús

TELECOMMUNICATIONS
Ibai Hormaza Sáez Miera

FIRE
Amaia Lastra

ENERGY EFFICIENCY AND SUSTAINABILITY
Patxi Sánchez

SPECIALISTS
Carlos Olmedillas Calejero
José Ramón Ruiz Pando

SITE SUPERVISION
Javier Pérez Uribarri
Xavier Aparicio Ortega
Mikel Presilla Krobel
Oscar Malo

GRAPHIC DESIGN
Natalia González Matrelle
Roberto Fernández de Gamboa

COMPUTER GRAPHICS
Alfonso Álvarez
Roberto Fernández de Gamboa

PHOTOGRAPHY
Aitor Ortiz

VEHICLES RESEARCH INSTITUTE

HEAD ARCHITECTS
Antonio Lorén Collado
Raimundo Bambó Naya

PROJECT MANAGEMENT
Eva Sanromán

ARCHITECTS
Miguel Freitas de Oliveira

COSTS
Enrique Benedí
Santiago Freire

STRUCTURES
Eva Sanromán
Alberto Ayensa

HVAC
Eva Sanromán
Alberto Ayensa

LIGHT
Alfredo Navarro

WATER
Jorge Guillén

ELECTRICITY
Alfredo Navarro
Marta Gaspar

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FIRE
Diego Abril

ENERGY EFFICIENCY AND SUSTAINABILITY
Jorge Guillén

SPECIALISTS
Dolores Pérez Brito
Enrique Benedí
Santiago Freire

SITE SUPERVISION
Antonio Lorén
Raimundo Bambó
Eva Sanromán

SITE MANAGEMENT
Eva Sanromán

PHOTOGRAPHY
Iñaki Bergera

CIC ENERGIGUNE

HEAD ARCHITECT
Javier Aja Cantalejo

PROJECT MANAGEMENT
Gorka Viguri Roa

ARCHITECTS
Aitziber Olarte Bidaurrazaga
Daniela Bustamante Altamirano

COSTS
Ana Esteruelas Foj

STRUCTURES
Gorka Viguri Roa
Miguel Angel Valverde González

HVAC
Camino López Uriarte

LIGHT
Mikel Fernández de las Heras

WATER
Camino López Uriarte

ELECTRICITY
Mikel Fernández de las Heras

TELECOMMUNICATIONS
Gonzalo Sales García-Egocheaga

ENERGY EFFICIENCY AND SUSTAINABILITY
Mikel Aguirre Zamalloa
Patxi Sanchez Aguilar

SPECIALISTS
Itziar Ramirez Sánchez

SITE SUPERVISION
Javier Aja Cantalejo
Ana Esteruelas Foj

SITE MANAGEMENT
Gorka Viguri Roa
Miguel Angel Valverde González

COMPUTER GRAPHICS
Alfonso Álvarez
Roberto Fernández de Gamboa

PHOTOGRAPHY
Javier Aja Cantalejo
Aitor Ortiz

ULTRA HIGH VOLTAGE LABORATORY

HEAD ARCHITECT
Javier Aja Cantalejo

PROJECT MANAGEMENT
Patxi Sánchez

COSTS
Ana Isabel Robles

STRUCTURES
Miguel Ángel Corcuera

BUILDING SERVICES
Lorena Muñoz

ENERGY EFFICIENCY AND SUSTAINABILITY
Patxi Sánchez

LIGHT
Miguel García Castillo

SITE SUPERVISION
Patxi Sánchez Aguilar
Javier Aja Cantalejo
Ana Isabel Robles

COMPUTER GRAPHICS
Alfonso Álvarez
Roberto Fernández de Gamboa

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Aitor Ortiz

CERTEST BIOTEC'S R&D LABORATORY

HEAD ARCHITECTS
Federico Pardos
Raimundo Bambó

PROJECT MANAGEMENT
Federico Pardos

COSTS
Nerea Martínez
Jesús Gil

STRUCTURES
Isabel Esteras
Fernando López

HVAC
Jorge Guillén

LIGHT
María Gaspar

WATER
Jorge Guillén

ELECTRICITY
María Gaspar

TELECOMMUNICATIONS
Rocío Pamplona

SPECIALISTS
Olga Ripoll

ADMINISTRATION
Dolores Pérez

SITE SUPERVISION
Federico Pardos
Luis Mingarro
Jesús Gil

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EPSILON EUSKADI

HEAD ARCHITECT
Javier Pérez Uribarri

PROJECT MANAGEMENT
Gorka Viguri Roa

ARCHITECTS
Oscar Ferreira Da Costa
Beatriz Pagoaga Churruca
Marc Rips
Daniela Bustamante Altamirano
Xavier Aparicio Ortega

COSTS
Ana Esteruelas Foj
Juan Davila De Eusebio

STRUCTURES
Gorka Viguri Roa
Natalia Sagasti Martinez de Zuazo
Javier Larrea (L & M Ingenierik)

HVAC
Camino López Uriarte

ENERGY EFFICIENCY AND SUSTAINABILITY
Patxi Sánchez

LIGHT
Francisco Javier Sánchez González
Susaeta Iluminación

ELECTRICITY
Francisco Javier Sánchez González
Elena Guezuraga Torrecilla

TELECOMMUNICATIONS
Francisco Javier Sánchez González
Elena Guezuraga Torrecilla

FIRE
Beatriz Lorenzo Vázquez

LANDSCAPE DESIGN
Daniela Bustamante Altamirano

SPECIALISTS
Marta García Rodríguez

ADMINISTRATION
Emma Luna

SITE SUPERVISION
Javier Pérez Uribarri
Gorka Viguri Roa
Fernando Tobalina (SAINSA)

COMPUTER GRAPHICS
Alfonso Álvarez
Roberto Fernández de Gamboa

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Francisco Berreteaga

CENTRAL CORPORATE PARK

HEAD ARCHITECTS

Offices and Customer Service Building
Iñaki Garai
Jesús Mª Susperregui

Maintenance and Supplies Building
César Azcárate
César Caicoya

Management, Investigation and Police Operations Building
Juan Coll

Telecommunications Centre
Juan Coll

ARCHITECTS
Gorka Uriarte
Gonzalo Ahumada
Jesús Llamazares
Daniel Gutiérrez
Alberto Mínguez
David Fried
Inés López
Cruz Lacoma
Luis Angel Zoco

LANDSCAPE DESIGN
Gonzalo Ahumada

PROJECT MANAGEMENT
Vicente Boraita

COSTS
Javier Ruiz de Prada
Juncal Aldámiz-Echevarría
Fernando Jiménez
Mikel Mendicote
Alberto Asla

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Ernesto Olartúa
Eva San Román
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WATER
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ELECTRICITY
Alvaro Gutiérrez-Cabello
Javier Aróstegui
Javier Surja
Pedro Sánchez
Rafael Pérez

FIRE
Luis González

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Iñaki Zabala
Víctor Oguiza
Imanol Eizmendi
Fernándo Jiménez
Erlantz Basauri
Víctor Zorriqueta

ADMINISTRATION
Blanca Ugarte
Sonia López
Rosa Mª Martínez

SITE SUPERVISION
Iñaki Garai
César Azcárate
Juan Coll
Daniel Gutiérrez
Javier Ruiz de Prada
Alberto Asla
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Vicente Boraita

PHOTOGRAPHY
César San Millán

DATA PROCESSING CENTRE (I)

HEAD ARCHITECT
Tono Fernández Usón

PROJECT MANAGEMENT
Enrique Bolón

ARCHITECTS
Magdalena Ostornol
Fernando Rial
Elida Mosquera
Manuel Lópes Periquito

STRUCTURES
Gustavo Melón
Nuno Souza
Iván Florencia

BUILDING SERVICES
Oriol Passola
Marc Fandós

SITE SUPERVISION
Tono Fernández
Magdalena Ostornol
Jonathan García
Oriol Passola
Marc Fandos

SITE MANAGEMENT
Enrique Bolón
Gabriel Kososwski
Xavier Talló

PHOTOGRAPHY
Edouard Decam

112 EMERGENCIES BUILDING

HEAD ARCHITECT
Marco Suárez Pizarro

PROJECT MANAGEMENT
Alfredo Fernández Parent

ARCHITECTS
Élida Mosquera Martínez
Alex Borrás (Bec)
Claudia Carrasco
Mireia Adnetller
Sorana Radulescu
Roberto Molinos Esparza

COSTS
Carlos Garín Caballero
Jordi Salido Cuga

STRUCTURES
Joel Montoy Albareda
M. del Mar Sahún Argüello
Roger Señís López
Ana Andrade Cetto
Leonardo Domínguez Ferreira

HVAC
Pablo Jorge Vispo

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María Cortés Monforte

LIGHT
Mercedes González Carrascosa

WATER
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Pablo Jorge Vispo

ELECTRICITY
Alex Boada

TELECOMMUNICATIONS
Alfredo Fernández Parent
Vicente Montoya Barrera

MASTER PLANNING
Javier Losada

SITE SUPERVISION
Marco Suárez Pizarro
Carlos Garín Caballero
Jonathan García Salvador

SITE MANAGEMENT
Víctor Amado Valido

PHOTOGRAPHY
Adriá Goula

BBK SARRIKO RESIDENCE

HEAD ARCHITECT
Javier Aja Cantalejo

PROJECT AND SITE MANAGEMENT
Patxi Sánchez Aguilar

ARCHITECTS
Helena M. Rios Pais
Beatriz Pagoaga

STRUCTURES
Cristina Hernando

BUILDING SERVICES
Íñigo Aguirre Armentia
Mikel Fernández de las Heras
Beatriz Lorenzo
Mª Eugenia Gauna
Mikel Fernández Gómez

ENERGY EFFICIENCY AND SUSTAINABILITY
Blas Beristain de la Rica
Amaia Lastra Sisniega

SPECIALISTS
José R. Rodríguez
Arrate López de Maturana
Itziar Ramírez Sánchez

ADMINISTRATION
Sonia López-Gómez Martínez

SITE SUPERVISION
Javier Aja Cantalejo
Javier Ruiz de Prada
Ziortza Bardeci Guinea

COMPUTER GRAPHICS
Roberto Fernández de Gamboa
Alfonso Álvarez

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Aitor Ortiz

BUILDING 2 FOR DES MÉTIERS ET DE L'ARTISANAT CAMPUS

HEAD ARCHITECTS
Iñaki Garai Zabala
Inés López Taberna

ASSOCIATED ARCHITECTS
ATELIER 9.81

ARCHITECTS
Ricardo Moutinho
Gohar Manrique

STRUCTURES
PROJEX INGÉNIERIE

BUILDING SERVICES
PROJEX INGÉNIERIE

ENERGY EFFICIENCY AND SUSTAINABILITY
DIAGOBAT

KITCHEN CONSULTANT
CREACEPT

ACOUSTICS
LASA Acoustique

COSTS
MEIC

ADMINISTRATION
Clarisse Guiraud
Ariadna Morer

COMPUTER GRAPHICS
Roberto Fernández de Gamboa
Alfonso Álvarez
Gohar Manrique

DIAGONAL PLAZA HOTEL

HEAD ARCHITECTS
Eduardo Aragüés Rioja
Antonio Lorén Collado
Alberto Casado (ESCALENO)

ARCHITECTS
Nuria Montero
Francisco Eloy
Roberto Villar

COSTS
Nerea Martínez

STRUCTURES
Fernando López Nicolás

HVAC
Pedro Ibarra

LIGHT
Rosario Urbano

WATER
Pedro Ibarra

ELECTRICITY
Rosario Urbano

TELECOMMUNICATIONS
Enrique Sahún

FIRE
Jesús Sau

ACOUSTICS
NAE Acústico

SPECIALISTS
Sergio Cubero

SITE SUPERVISION
Eduardo Aragüés Rioja
Antonio Lorén Collado
Nerea Martínez

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104 SUBSIDIZED FLATS IN BORINBIZKARRA

HEAD ARCHITECTS
Iñaki Garai
Inés López Taberna

ARCHITECTS
Ricardo Moutinho
Beatriz Pagoaga

COSTS
Juan Dávila

STRUCTURES
Egoitz Olmo
Jon Calvo

ENERGY EFFICIENCY AND SUSTAINABILITY
Blas Beristain

SITE SUPERVISION
Iñaki Garai
Inés López Taberna
Sara Barreda
Juan Dávila

GRAPHIC DESIGN
Natalia González Matrelle
Inés Uribarren

COMPUTER GRAPHICS
Roberto Fernández de Gamboa
Alfonso Álvarez

PHOTOGRAPHY
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Pedro Pejenaute

49 DWELLINGS AND NURSERY IN BERMONDSEY

HEAD ARCHITECTS
Fernando Pérez Fraile
Viral Bhavsar

ARCHITECTS
Alejandra García Templado
Caio Luis Mattei Faggin
Cristina Romero
Kenny Chong
M. Azhar
Nerea Pérez Loinaz

COSTS
Viral Bhavsar

STRUCTURES
WHITECHAPEL T.C

HVAC
FOREMAN ROBERTS

LANDSCAPE DESIGN
Fernando Pérez Fraile

SPECIALISTS
Claire Roff
Irene Ron
Shan Rixon

SITE SUPERVISION
Fernando Pérez Fraile
Viral Bhavsar

PHOTOGRAPHY
Fernando Pérez Fraile

58 SUBSIDIZED FLATS TORRESOLO

ARCHITECTS
Iñaki Garai Zabala
Inés López Taberna
Ricardo Moutinho

COSTS
Agurtzane Insa

STRUCTURES
INAK

BUILDING SERVICES
Diego Zarranz Sarobe

ENERGY EFFICIENCY AND SUSTAINABILITY
Blas Beristain

TELECOMMUNICATIONS
Mikel Fernández

SITE SUPERVISION
Iñaki Garai Zabala
Inés López Taberna
Iker Alkiaga

COMPUTER GRAPHICS
Roberto Fernández de Gamboa
Alfonso Álvarez

PHOTOGRAPHY
Aitor Ortiz

AMARANTE HOSPITAL

HEAD ARCHITECT
David Coutinho Correia

ARCHITECTS
Inês Coelho
Francisca Bastos
Marcelo Dantas
Francisco Eloy
Jorge Paquete

COSTS
David Coutinho Correia

STRUCTURES
Silvia Castillo martins
João Almeida
Rita Fernández

HVAC
Álvaro Santos
André Mendes
José Sereno

WATER
Antonio Gaspar
Joel Vinagre
Ana Mendoça

ELECTRICITY
Fernando Loureir
José Quintas
Inês Cardoso
Luis Barra

TELECOMMUNICATIONS
Fernando Loureiro
José Quintas
Inês Cardoso
Luis Barra

FIRE
Belén Herrero

ACOUSTICS
CERTIPROJECTO

LANDSCAPE DESIGN
GLOBAL

PHOTOGRAPHY
FERNANDO GUERRA

UNIVERSITY OF NAVARRE CLINIC

HEAD ARCHITECTS
Jesús Mª Susperregui Virto
Jorge Martínez Bermejo
Pablo Elorz Gaztelu

PROJECT MANAGEMENT
Jorge Martínez Bermejo

ARCHITECTS
Borja Gómez Martín
Beatriz San Salvador Pico

COSTS
Carmen Camarmo Montes

STRUCTURES
Carlos Castañón Jiménez
Jorge de Prado Romero

BUILDING SERVICES
PROMEC

ADMINISTRATION
Banesa Marrero Castro

SITE SUPERVISION
Jesús Mª Susperregui Virto
Jorge Martínez Bermejo
Pablo Elorz Gaztelu

COMPUTER GRAPHICS
POLIEDRO

EL SALVADOR HOSPITAL

HEAD ARCHITECTS
Rui Maia
Jorge Martínez

PROJECT MANAGEMENT
Hernán Padilla
Waldo Urquiza
Ulises Rubio

ARCHITECTS
Joao Santos
Vanesa Jalle
Alicia Castilla
Laura Alcaraz

COSTS
Miguel de Diego
Esther Arranz

STRUCTURES
Alejandro Bernabéu
Jorge de Prado

HVAC
Antonio Villanueva
Ramon Gutiérrez
Isaac Lorenzo

LIGHT
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WATER
Héctor Mayordomo
Miguel Pastor
José Antonio Yubero

ELECTRICITY
Carlos Trujillano
Eugenio Domínguez

TELECOMMUNICATIONS
Teresa López
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Xabier Azaguirre
Julio César García

SPECIALISTS
Óscar Martín
Carlos Mendoza
Laura Morbini
Javier Garrayo
Alexey Lysogor

ADMINISTRATION
María Isabel Cantero
Banesa Marrero

COMPUTER GRAPHICS
POLIEDRO

CROSS-BORDER TIJUANA AIRPORT

HEAD ARCHITECT
Manuel Andrades

PROJECT MANAGEMENT
Francisco Pi
Javier Losada
Manuel Andrades

ARCHITECTS
Pablo Viña
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Mauricio Durán
Oscar Ferreira

COSTS
Amílcar Soriano

STRUCTURES
Gorka Viguri
Eneko Saldise
Miguel Ángel Valverde
Alejandro Bernabeu
Jorge de Prado

HVAC
Beatriz Cárdenas

LIGHT
Patricio Moniet
José Antonio Buendía

WATER
Carlos González

ELECTRICITY
Miguel Blanco

TELECOMMUNICATIONS
Teresa López Contreras
Beatriz Rodríguez
Patricio Moniet

SPECIALISTS
Carlos Esparza, Carlos René Ortega, Efraín González, Jesús Rodríguez, José Luis Muñoz Quezada, Jesús Alarcón, Juan Torres, Carlos Elizalde

SITE SUPERVISION
Oscar Ferreira, Alejandro Valdés, Carlos Esparza, Carlos René Ortega

COMPUTER GRAPHICS
Pablo Viña

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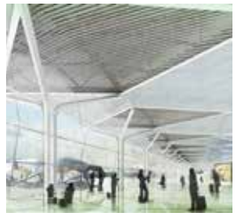
Pradip J. Phanse



NATAL AIRPORT

HEAD ARCHITECTS
Pedro Paes Lira
Marco Suárez Pizarro
Alvar Cortada Kosonen

ARCHITECTS
Juliana Ting
Carlos de la Barrera
Sara Panadero

COSTS
Luis Sagredo
Javier Sandalinas
Beatriz Rodríguez

STRUCTURES
Paulí Goñi

ENGINEERING
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Oriol Passola
Marc Fandos
Albert Recassens

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Héctor Martinez

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Ismael Vega
Andréia Faley

CAR PARK AT HEATHROW AIRPORT

IN COLLABORATION WITH
GRIMSHAW Architects (Architectural Concept Design Advisors)

HEAD ARCHITECT
Viral Bhavsar

ARCHITECTS
Alberto Sabater
Álvaro López Sastre

STRUCTURES
Gorka Uria Carazo

BUILDING SERVICES
Álvaro Gutiérrez-Cabello Arce

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Falko Matthews

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HEAD ARCHITECT
Elvira Puchades

PROJECT MANAGEMENT
Jorge Bernabeu
Elvira Puchades

ARCHITECTS
Eugénio Teixeira
Vera Leitao
Monica Villate
Rafael Papi

COSTS
Francisco Francés Pardo

STRUCTURES
Jorge Bernabeu
Fran Gómez
Eduardo Fernández

HVAC
Manolo Ferrandis

ENERGY EFFICIENCY AND SUSTAINABILITY
Pablo Miró
Manuel Peris

LIGHT
Manuel Caro

WATER
Manuel Peris

ELECTRICITY
Manuel Caro

TELECOMMUNICATIONS
Sandra Trejo

CIVIL WORKS
Maribel Botella
Daniel Mejía

FIRE
Sergio Calpe

SITE SUPERVISION
Elvira Puchades
Eva Quevedo
Guillermo Durban

SITE MANAGEMENT
Antonio Martín

GRAPHIC DESIGN
Macarena Cárdenas

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Alfonso Calza

NEW SAN CRISTOBAL INTERMODAL STATION

HEAD ARCHITECTS
Gonzalo Tello
Jesús Llamazares
César Portela

PROJECT MANAGEMENT
Beatriz Olalla Sánchez

ARCHITECTS
Beatriz Olalla
Borja Aróstegui

COSTS
Miguel de Diego

STRUCTURES
Jorge Bernabeu

ENERGY EFFICIENCY AND SUSTAINABILITY
Antonio Villanueva

ELECTRICITY
Carlos Truiillano

ACOUSTICS
Mario Torices

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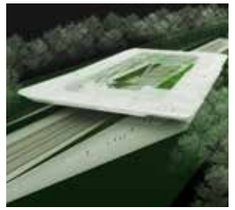
COMPUTER GRAPHICS
POLIEDRO



HIGH-SPEED STATION POLAND

HEAD ARCHITECTS
Tono Fernández
Magdalena Ostornol

PROJECT MANAGEMENT
Tono Fernández
Magdalena Ostornol
Marcin Warda

ARCHITECTS
Carlos de la Barrera
Beata Szkotak

COSTS
Mirek Blajda
Carlos Garín

STRUCTURES
Joel Montoy

HVAC
Alex Barberá

ENERGY EFFICIENCY AND SUSTAINABILITY
María Cortés

LIGHT
Mercedes González

TELECOMMUNICATIONS
Alfredo Fernández

FIRE
Alexis Agustí

ADMINISTRATION
Carol Moñiz

COMPUTER GRAPHICS
Ismael Vega
Andreia Faley

PAMPLONA COACH STATION

HEAD ARCHITECTS
Jesús Armendáriz Eguillor

Manuel Blasco
(BLASCO.ESPARZA)

MANUEL SAGASTUME

Luis Tabuenca
(TABUENCA SARALEGUI)

David Resano

PROJECT MANAGEMENT
Ángel Vázquez Peciña

ARCHITECTS
Amaia los Arcos Larumbe

COSTS
Ana Esteruelas Foj
Juan Davila

STRUCTURES
Jesús Montaner

HVAC
Pedro Irañeta

LIGHT
Pedro Irañeta

WATER
Pedro Irañeta

ELECTRICITY
Pedro Irañeta

SITE SUPERVISION
Jesús Armendáriz Eguillor
Juan Dávila de Eusebio

SITE MANAGEMENT
José Luis González León
Juan Dávila de Eusebio

PHOTOGRAPHY
Pedro Pegenaulte

RIYADH UNDERGROUND

PROJECT DIRECTOR Ramón Ramírez

TECHNICAL DIRECTORS Pablo de la Puente, Iban Mirones

ENERGY EFFICIENCY AND SUSTAINABILITY
Blas Beristain, Jesús Lázaro

ADMINISTRATION Carmen de Castro

COMPUTER GRAPHICS Roberto Fernández de Gamboa, Alfonso Álvarez, Jon Alegría

RIYADH UNDERGROUND SHEDS

DIRECTING ENGINEER Iban Mirones

HEAD ARCHITECT
Jesús Armendariz

ARCHITECTS Joan Espinás, Jonathan García, Mirari Larrañaga, Itziar Bañares, Leyre de Lecea, Helena Sa Marqués, Kennet Bonifaz

PROJECT MANAGEMENT Angel Vázquez, Juan Carlos Gómez

STRUCTURES COORDINATION
Javier Goldaracena

STRUCTURES Javier Goldaracena, Natalia Sagasti, Miguel Ángel Valverde, Iván Ponce, Amaia Sanchez, Ane Atxurr

BUILDING SERVICES COORDINATION
Juan Luís Geijo

HVAC Juan Luís Geijo, Camino López, Juan Luís Geijo, Unai Ugalde

LIGHT Mikel Fernandez, Itziar Blanco

WATER Borja Martínez, Julen Vecilla

ELECTRICITY María Eugenia Gauna, Itziar Blanco

TELECOMMUNICATIONS Joaquín Fernández de Arcaya, Juan Carlos Herrero

SPECIALISTS Francisco Pérez, Daniel Gómez, Javier Negro, Ángel Novas, Gorka Aguillo, Carlos Olmedillas

RIYADH UNDERGROUND STATIONS

DIRECTING ARCHITECT Fernando Pérez

HEAD ARCHITECTS Javier Aja, Javier Vergara, Manel Sánchez, Jabier Fernández

ARCHITECTS Damián Ayala, Ane Ferreras, César Jiménez, Cristina Jodar, María López, Oscar Brazo, Asier Loroño, Gabriela del Toro, Matteo Cassano, Sara Oneto, Iker Gandarias, Andrés Tabera, Lorena Sierra, Marina Ajubita, Naiara Bravo, Patxi Matute, Natalia Clúa, Ander Fernández, Juan Neira, Jaime Mancebo, Mikel Fernández, Oihana Urgoitia, Olatz Elosegui, Ana Reparaz, Pilar Mateo, Beatriz Pérez

ARCHITECTURE STUDENTS
Jonathan San Román, Raúl Penabad, Mikel Zabaleta, Maider Pérez, Nora Erdozain

PROJECT MANAGEMENT Angel Vázquez, Juan Carlos Gómez, Javier Pérez

SPECIFICATIONS Javier Ruiz De Prada, Joseba Andoni Aguirre, Sergio Llamosas, Ana Isabel Robles, Agurtzane Insa, Gabriel Bustillo, Gontzal Martinez, Arrate Bereciartua, Nérida Velasco, Sandra Santamaría, Marta Camarero

STRUCTURES María Del Mar Mayo, Francisco Javier Gómez, Antonio Martín, Carlos Alberto Campo, Javier Ayala, Iñigo Vallejo, Javier Durán, Leonardo Labastida, Gonzalo Zarrabeitia, Driss Mahamedi, Gonzalo Solana, Gonzalo García, Peio Uriarte, José Antonio Martínez, Borja Bergara, Natalia Sagasti, José Antonio Diez, Jorge Tierno

GEOLOGY Josu Etxebarria, Fidel Rodríguez

HVAC Arturo Cabo, Patxi Sánchez, Jon Zubiaurre, Iñigo Aguirre, Leire Fernández, Oier Lejarraga, Naiara Moreno, Gorka Torres, Unai Ugalde, Diego Zarranz

LIGHT Javier Fernández, Miguel García, Juan Rivera

WATER Cristina De Miguel, Borja Martínez

ELECTRICITY Joseba Arregui, Itziar Blanco, Adolfo Casado, Javier Fernández, Miguel García, Juan Rivera

TELECOMMUNICATIONS Joaquín Fernández de Arcaya

FIRE Mikel Bilbao, Carlos de la Torre, Lara Escobio, Javier Peñafiel, Raquel Varela, Ignacio Alcázar, Miriam Mato

ACOUSTICS Juan I. Pérez

BIM DESIGN Andoni Aguirre, Silvia Aviñó, Andoni Castillo, Anna Fernández, Marta Giménez, Ana Moreno, Eduardo J. Rodríguez, Álvaro Van Horenbeke

SPECIALISTS José Ignacio Lucio, Iñaki Zabala, José Ramón Rodríguez, Imanol Eizmendi, Luis Mella, Carlos Olmedillas, Oscar Villaverde, José Luis Vallojera, Eduardo Martínez, Fernando Ruiz, José Ángel García, Carlos González, Iratxe Urrutxurtu, Gorka Aguillo, Andoni Aguirre, Alberto Crespo, Fernando Fernández, Iker García, Alaitz Ingunza, Jesús Granados, Jagoba Lartategui, Ana Moreno, Cristina Peña, Pablo Eduardo Rodríguez, Miguel Ángel Vegas, Ekaitz Pérez, Asier del Campo, David Martín, Adolfo Zugasti, Izaro Munarriz, Santiago Zaratain, Soledad Álvarez, Asier Rodríguez, Norberto Carpintero Pablo Jesús Crespo, Aitor Ibarra, María Jesús Martino, Javier Negro, José Ramón Pereda, Tomás Ruiz, Miguel Ángel Pérez, Gorka Bajo,Miren Arantzazu Hernáez, Ander González, Juan Carlos Abad, Jorge García , Jesús Ángel Sainz, Javier Martín, Bernardo Martínez, Iván Núñez, Daniel Ibáñez, Rubén López, Borja Duque, Mónica Diez, Rosa Camarena, Alberto Sánchez Begoña Cabezas, Javier Cabrejas, Iratxe Pérez, Irene San Segundo, Alejandro García, Igor Mirones, Raquel García, Alberto López, Javier Urrutxurtu, Rubén Mazón, Aitor Vivanco, Alberto Fuente, Gorka Bruña, Erika Sánchez Gerardo Arteaga, Javier Samperio, Yerai Bauecas, Marta E. García, Amaia Garrastazu, Alberto González, Xiker Lertxundi, Arrate López De Maturana, David Lorenzo, Tania Prieto, Itziar Ramírez

LINE 6 STATIONS, SANTIAGO DE CHILE UNDERGROUND

PROJECT DIRECTOR
Javier Puerto

HEAD ARCHITECTS
Gonzalo Tello, Manuel Andrades
MOBIL

PROJECT MANAGEMENT
Almudena Bautista,
Samuel Horche

ARCHITECTS
Patricio Poblete Poulsen,
Covadonga Vilanova, Xavier Bernard, Diego Sánchez,
José Luis Álvarez, Natasa Stanacev, Patricio Arraigada, Luis Arias,
Patricio Salinas, Félix Salinas,
Soledad Margherit

COSTS
Esther Arranz, Iván Portela,
Pablo Morales

STRUCTURES
Gino Rivera, Jorge De Prado, David García Menéndez, Romina González, Héctor Minder, Patricia Solar, Rodrigo Langarita, Juan Taborga

HVAC
Jesús Sejas, Jaled Salman

LIGHT
Marcela Acuña (colaborador)

WATER
Héctor Mayordomo

ELECTRICITY
Carlos Trujillano, PSI

SPECIALISTS
Rubén Cid, Javier Delgado, Carlos Mendoza, Óscar Martín, Alexei Lysogor, Alejandra del Pino, Jesús Cid, Álvaro Sáez

ADMINISTRATION
María Carril, María Miranda, Claudia Paz, Verónica Trujillo, Ana Belén García

SITE SUPERVISION
Carlos Castañón, Patricio Poblete, Gino Rivera

GRAPHIC DESIGN
SERGIO RAMÍREZ

COMPUTER GRAPHICS
Jesús Mejíaa García

PHOTOGRAPHY
Isabel García Aguirre

NEW SAN MAMES STADIUM

HEAD ARCHITECT
César Azcárate Gómez

CUSTOMER CARE
Alberto Tijero Esteban

PROJECT DIRECTOR
Oscar Malo Jesús

PROJECT MANAGEMENT
Alexander Zeuss
Gontzal Martínez

DEPUTY ARCHITECT
Diego Rodríguez Segura

ARCHITECTS
Ricardo Moutinho Figueiredo
Luis Ausín Gómez
Leyre de Lecea Zabaleta
Marc Rips
Nuno Lobo
Santiago Alonso
Rafael Papí
Zuriñe Nofuentes
Beatriz San Salvador

COSTS
Javier Ruiz de Prada
Álvaro Rey Cepeda
Eva Madariaga
Gontzal Martínez

STRUCTURES
Armando Bilbao
Alberto Vizcargüenaga
Javier Llarena
Nerea Castro
Mikel Mendicote
Kelly Algar González
Alberto Fernández García
Miguel Ángel Frías

DEMOLITIONS
Mario Liendo

URBANIZATION
Alberto Fuldain
Javier Durán
Jon Ochoa

HVAC
Alberto Ribacoba
Jon Zubiaurre
Lorena Muñoz
Jon Landaburu

ENERGY EFFICIENCY AND SUSTAINABILITY
Blas Beristain
Andy Backer

WATER
Alberto Ribacoba
Luis González Martínez

TELECOMMUNICATIONS
Aritz Muñoz
Ibai Ormaza
Xabier Elustondo

LIGHT
ALS LIGHTING

ELECTRICITY
Álvaro Gutiérrez Cabello – Arce
Miguel García
Mikel Lotina
Nicolás Vicente
Tania Udiaga

FIRE
Luis González
Arturo Cabo
Mikel Bilbao

SPECIALISTS
Felipe Gaona
Hipólito Bilbao Alday

ADMINISTRATION
Sonia López-Gómez Martínez
Blanca Ugarte García

SITE SUPERVISION
Javier Ruiz de Prada
Gabriel Bustillo

GRAPHIC DESIGN
Natalia González Matrelle

COMPUTER GRAPHICS
Roberto Fernández de Gamboa
Alfonso Álvarez
Andreia Faley

PHOTOGRAPHY
Aitor Ortiz
Jesús Lázaro

BILBAO ARENA AND MIRIBILLA SPORTS COMPLEX

HEAD ARCHITECTS
Javier Pérez Uribarri
Nicolás Espinosa Barrientos

ARCHITECTS
José Cavallero
Leticia Paschetta
Leyre de Lecea Zabaleta
Nuno Lobo Guerra
Ricardo Moutinho Figueiredo
Roberto Aparicio
Xabier Aparicio Ortega

COSTS
Virginia Canales
Ziortza Bardeci
Javier Atutxa

STRUCTURES
Gorka Uría Carazo, Romina González Hierro, Francisco Javier Gómez Corral, Francisco García Ruiz, Iker Velasco, Xabier Rekakoetxea, Mireia Campmany, L&M INGENIERÍA

HVAC
Amaia Lastra Sisniega
Jon Zubiaurre Sasía
Rafael Pérez Borao

ENERGY EFFICIENCY AND SUSTAINABILITY
Patxi Sánchez

WATER
Alberto Ribacoba Pereda

ELECTRICITY
Patxi Sánchez Aguilar
Óscar Malo Jesús
Unai Medina Bárbara

FIRE
Arturo Cabo Ordoñez

ADMINISTRATION
Blanca Ugarte García
Sonia López-Gómez Martínez

SITE SUPERVISION
Javier Pérez Uribarri, Nicolás Espinosa Barrientos, Joseba A. Aguirre, Miguel García, Aritz Muñoz, Daniel Torre, Ziortza Bardeci Guinea

GRAPHIC DESIGN
Natalia González Matrelle

COMPUTER GRAPHICS
Roberto Fdez. de Gamboa Vidal

PHOTOGRAPHY
Aitor Ortiz
Jorge Allende

SALBURUA CIVIC CENTRE

HEAD ARCHITECT
Gonzalo Carro López

PROJECT MANAGEMENT
Juan Luis Geijó Angulo

ARCHITECTS
María Robredo Puelles
Oscar Ferreira da Costa
Javier Manjón Herrero
Aintzane Gastelu-Iturri Aranguez
Daniela Bustamante Altamirano
Beatriz Pagoaga Churruca
Aitziber Olarte Bidaurrazaga

COSTS
Juan Dávila de Eusebio

STRUCTURES
Unai Mardones Pérez

HVAC
Camino López Uriarte
Federico Reguero Nieves

ENERGY EFFICIENCY AND SUSTAINABILITY
Iñigo Aguirre
Juan Luis Geijo
Blas Beristain

LIGHT
Elena Guezuraga Torrecilla
SUSAETA ILUMINACIÓN

WATER
Beatriz Lorenzo Vázquez

ELECTRICITY
Elena Guezuraga Torrecilla

SPECIALISTS
Itziar Ramírez Sánchez
Arrate López de Maturana
Gorka Arceniega Guede
Marta García Rodríguez
Josune Moreno Aparicio

ADMINISTRATION
Emma Luna García de Acilu

SITE SUPERVISION
Juan Dávila de Eusebio
Gonzalo Carro López
Sara Barreda
María Robredo

COMPUTER GRAPHICS
Roberto Fernández de Gamboa
Alfonso Álvarez

PHOTOGRAPHY
Aitor Ortiz

REFURBISHMENT OF THE METROPOLITAN SEMINARY

HEAD ARCHITECTS
Antonio Lorén Collado
Eduardo Aragués Rioja
Ricardo Usón
(Ayuntamiento de Zaragoza)

PROJECT MANAGEMENT
Antonio Lorén Collado

ARCHITECTS
José Ángel Ruiz González
Olatz Maestre Rosales
Raimundo Bambó Naya

COSTS
Luis Mingarro Montori

STRUCTURES
Cristina Salavera Palacios
Fernando López Nicolás

HVAC
María Cuartielles

LIGHT
Fdo. José Catalán Herreros

WATER
Jesús M. Sau Granados

ELECTRICITY
Fdo. José Catalán Herreros

TELECOMMUNICATIONS
Enrique Sahun

FIRE
Jesús M. Sau Granados

SPECIALISTS
Rubén Pérez de Marcos

SITE SUPERVISION
Antonio Lorén Collado
Domingo García Pozuelo
Eduardo Aragués Rioja
Francisco Gómez Mondejar
Luis Mingarro Montori

PHOTOGRAPHY
Antonio Ceruelo
Aitor Ortiz

RENOVATION OF DEUSTO UNIVERSITY

HEAD ARCHITECT
Diego Rodríguez Segura

PROJECT MANAGEMENT
Pilar Mateo Martínez

ARCHITECTS
Helena Sá Marques
Marina Ajubita

COSTS
Jorge Lores

STRUCTURES
Mar Mayo
Miguel Ángel Corcuera
Gorka Uría

HVAC
HVAC ENGINEERING
Patxi Sánchez
Arturo Cabo

LIGHT
Miguel García

WATER
Luis González
Patxi Sánchez

TELECOMMUNICATIONS
Luis González

ELECTRICITY
Patxi Sánchez
Arturo Cabo
Luis González

FIRE
Arturo Cabo

ENERGY EFFICIENCY AND SUSTAINABILITY
Patxi Sánchez
Blas Beristain

SITE SUPERVISION
Diego Rodríguez Segura
Jorge Lores
Fernando García (UD)

COMPUTER GRAPHICS
Roberto Fernández de Gamboa
Alfonso Álvarez

PHOTOGRAPHY
Aitor Ortiz

REFURBISHMENT OF SAINT ATILANO'S CHURCH

HEAD ARCHITECT
Ana Morón Hernández

ARCHITECTS
Eduardo Aragués Rioja
Jaime Diaz Morlan

COSTS
Nerea Martínez Puyuelo

LIGHT
José Domingo Arcusa Martínez

ELECTRICITY
José Domingo Arcusa Martínez

TELECOMMUNICATIONS
José Domingo Arcusa Martínez

SITE SUPERVISION
Ana Morón Hernández
Eduardo Aragués Rioja
Jaime Díaz Morlan
Nerea Martínez Puyuelo

PHOTOGRAPHY
Aitor Ortiz

JESUS GALINDEZ SLOPE ESTATE

HEAD PLANNER
César Azcárate Gómez
Ana Morón Hernández

ARCHITECTS
Carlos Guimaraes
Xabier Aparicio Ortega

COSTS
Javier Durán Ruiz de Gaona

INFRASTRUCTURES
Javier Durán Ruiz de Gaona
Ana María Puente Villares
Elena Varillas del Río

LIGHT
ALS LIGHTING

WATER
Javier Durán Ruiz de Gaona

ELECTRICITY
Alvaro Gutiérrez-Cabello

SITE SUPERVISION
Ana María Puente Villares
Elena Varillas del Río
César Azcárate
Eduardo Trueba
Ricardo Cavada

PHOTOGRAPHY
Aitor Ortiz

ABI BAKR BRIDGE

HEAD ARCHITECT
Marco Suarez

PROJECT MANAGEMENT
Alfredo Baeumler

ARCHITECTS
Raimon Camps
Alex Borras
Carlos de la Barrera
Jaume Molins

COSTS AND PLANNING
Miquel Quinto

STRUCTURES
Pere Alfaras

PHOTOGRAPHY
Fernando Pérez

INTERVENTION IN NATIONAL PARKS OF BRAZIL

HEAD ARCHITECT
Pedro Paes Lira

ARCHITECTS
Ana Camila Dota Sanches
Rebeca Amaral Vieira de Mello
Andréia Faley
Christiane Ribeiro
Manoela Muniz Machado
Cavalcanti

COSTS
Gabriel Patricio Kosowski

STRUCTURES
Joel Monty Albareda

ENERGY EFFICIENCY AND SUSTAINABILITY
Antonio Villanueva Peñalver

ECONOMIC STUDIES AND DEMAND
Xabier Ibañez Lopategi
Amparo Román Lilo
Mónica Navarro

ENVIRONMENT
Encarna Jiménez Monreal
Sonia Moreno
Thomas Cernocky

TELECOMMUNICATIONS
Alfredo Fernandez Parent

SPECIALISTS
José Ramón Rodríguez
Carlos Olmedillas
Virginia Martín
Luis Miguel Escalona
Rebeca Pesquera

LEGAL MODEL
Rosane Meira de Menezes Lohbauer
Rodrigo Sarmento Barata

GRAPHIC DESIGN
Joana Lira

COMPUTER GRAPHICS
Andreia Faley

MASTER PLANS IN SANTA MARIA DEL MAR: SCIENCE AND TECHNOLOGY SOCIAL PARK

HEAD ARCHITECT
Tono Fernández

PROJECT MANAGEMENT
Miguel de Diego

ARCHITECTS
Borja Gómez
Alejandra Muelas
Carlo Sambricio
Aida Navarro
Jose Luis Álvarez

COSTS
Miguel de Diego

ENERGY EFFICIENCY AND SUSTAINABILITY
Antonio Villanueva
Carlos Sambricio
María Cortes

WATER
Diego San Martín
Alberto Guerra

ELECTRICITY
Carlos Jiménez

ACOUSTICS
Mario Torices

MOBILITY
Alberto González
Manuel Gómez
Asier Ugarriza

WASTE MANAGEMENT
Aida Fernández
Patricia Serrano

ICT AND NETWORKS
Fernando Tomás

COMPUTER GRAPHICS
Andreia Faley
POLIEDRO

MASTER PLANS IN SANTA MARIA DEL MAR: GASTRONOMIC, TOURIST AND ATMOSPHERIC SCIENCES UNIVERSITY

HEAD ARCHITECTS
Tono Fernández
Borja Gómez

PROJECT MANAGEMENT
Miguel de Diego

ARCHITECTS
Alejandra Muelas
Carlo Sambricio
Aida Navarro
Jose Luis Álvarez

COSTS
Miguel de Diego

ENERGY EFFICIENCY AND SUSTAINABILITY
Antonio Villanueva
Carlos Sambricio
María Cortes

WATER
Diego San Martín
Alberto Guerra

ELECTRICITY
Carlos Jiménez

ACOUSTICS
Mario Torices

MOBILITY
Alberto González
Manuel Gómez
Asier Ugarriza

WASTE MANAGEMENT
Aida Fernández
Patricia Serrano

ICT AND NETWORKS
Fernando Tomás

COMPUTER GRAPHICS
Andreia Faley
POLIEDRO

MASTER PLAN FOR THE SPORTS CITY OF ASPIRE

PROJECT DIRECTOR
Marc Potard

HEAD PLANNERS
Marc Potard
Juan Pablo Puy
Nuria Suárez

PLANNERS
Borja López
David Correia
Antonio Jorge Matías
María José Soler
Juan Carlos Valerio

ECONOMIC AND FINANCIAL STUDIES
Julio Guinea
José Calvo
Oliba Ruiz

INFRASTRUCTURES
Teresa Isabel Machado

MOBILITY
Manuel Martínez

ENERGY EFFICIENCY AND SUSTAINABILITY
Blas Beristain

ARCHITECTS
Cesar Azcarate Gómez
Diego Rodríguez Segura

LANDSCAPE DESIGNERS
David Correia
María José Soler

GEOGRAPHY
Jon Arocena

SPECIALISTS
Kenneth Bonifaz
Roberto Quintana

GRAPHIC DESIGN
Inés Uribarren

COMPUTER GRAPHICS
MANUEL LEIRA
Roberto Fernández de Gamboa
Iñigo Aguirre

URBAN DEVELOPMENT FOR MEXICO D.F. AIRPORT

PROJECT DIRECTOR
Álvaro Porcuna

HEAD PLANNER
Nayibe Flórez

PLANNERS
Alonso Malo-Juvera, Alazne Echeverría, Miguel Ángel Matías, David Correia, César Aguirre, Marc Potard, Susana Marín

ECONOMIC AND FINANCIAL STUDIES
Antonio Fernández, Oliba Ruiz
Diana Guzmán, Carlos Mir Cárdenas, Eduardo de la Peña, José Eduardo Zavala, Gabriela Bolaños

GOVERNANCE AND RISK ANALYSIS
David Baringo, Gabriela Bolaños, Alfredo Molina, Alina Juganaro

LOGISTICS
Javier Erice, Ricardo Reyes, José Antonio Reyes

INFRASTRUCTURES
José Alberto Fuldain, Francisco Pi Martínez, Mireia Capmany, Abelardo Bautista, Alejandro Aguilar Ruiz, Eloy Velasco, Javier Losada Vázquez, Víctor García Antoñanzas

ENVIRONMENT
Francisco Javier Romero, José Manuel Cancio, Germán Monge

MOBILITY
Alberto Marín, Ibon Asua Aberasturi, Jose Antonio Reyes, Francesc Arechavala

ENERGY EFFICIENCY AND SUSTAINABILITY
Francisco Javier Romero,David Baringo, Jon Arocena, Gabriela Bolaños

ARCHITECTS
Juan Carlos Muñoz, Pol Centelles, Kenneth Bonifaz, Octavio Lavarrios

LANDSCAPE DESIGNERS
David Correia, Alonso Malo-Juvera, Susana Marín

COMPUTER GRAPHICS AND VIDEO
MANUEL LEIRA
GLT INFOGRAFÍAS
Juan Carlos Muñoz

SPECIALISTS
Inma Moreno, Roberto Quintana, Alberto Sánchez

GUGGENHEIM MUSEUM IN HELSINKI

HEAD ARCHITECTS
Jesús Llamazares
Galo Zayas Carvajal
César Caicoya

PROJECT MANAGEMENT
Jesus Llamazares Castro

ARCHITECTS
Julia Miguez
Víctor Ramos
Santiago Sánchez
Valerio González

STRUCTURES
Alejandro Bernabéu

HVAC
Julia Miguez
Antonio Villanueva

LIGHT
Julia Miguez
Antonio Villanueva

WATER
Julia Miguez
Antonio Villanueva

ELECTRICITY
Julia Miguez
Antonio Villanueva

ADMINISTRATION
Banesa Marrero

COMPUTER GRAPHICS
POLIEDRO

NATIONAL FOOTBALL ACADEMY

HEAD ARCHITECT
Jesús Llamazares

PROJECT MANAGEMENT
Manuela Casado

ARCHITECTS
Manuela Casado
Santiago Sánchez Maggiore
Víctor Ramos
Pablo Viña
Alejandra Muelas
Martín Itza
Fernando Muñoz
Verena Behrens-Baumann

COSTS
Anett Fabian

STRUCTURES
David García

ENERGY EFFICIENCY AND SUSTAINABILITY
Antonio Villanueva

GRAPHIC DESIGN AND COMPUTER GRAPHICS
POLIEDRO

TRANSPORT SYSTEMS AND MASTER PLAN

HEAD ARCHITECTS
Marco Suarez
Iñaki Garai
César Azcarate
Javier Quintana

ARCHITECTS
Fernando Perez
Alberto Sabater
Natalia Clúa
Yian Jiang
Helena Manuel Rios Pais De Sa Marques
Beatriz San Salvador Pico
Dean Slidel
Andrés Tabera

TRAFFIC STUDY
David Moncholí

PROJECT MANAGEMENT
Miles Shephard
Ander Gorostiaga
Maria del Pilar Mateo

ENERGY EFFICIENCY AND SUSTAINABILITY
Blas Beristain de la Rica
Jesús Lázaro

LADSCAPE DESIGN
Raimon Camps
Jaume Molins
Aleix Borrell
Sebastian Loiseau

BRANDING
SNOHETTA

GRAPHIC DESIGN
Roberto Fernández de Gamboa
Alfonso Álvarez Díaz
GLT Infografías
Bloom

BRISTOL ARENA

HEAD ARCHITECTS
Javier Quintana
Javier Pérez Uribarri

ARCHITECTS
Viral Bhavsar
Mario Barrientos
Yian Jiang
Dean Slidel
Maria Pérez
Masayo Velasco

STRUCTURES
Washington Chidawanyika
Nikolaos Zafeiropoulos
Humberto Escalona

LANDSCAPE DESIGN
LDA DESIGN

HVAC, ENERGY EFFICIENCY AND SUSTAINABILITY
Foreman Roberts

ACOUSTICS
NAGATA ACOUSTICS

FIRE
Hilson Moran

TRAFFIC AND MOBILITY STUDIES
CROWD DYNAMICS

LIGHT
ARCHITECTURAL LIGHTING SOLUTIONS

FAÇADE ENGINEERING
WINTECH

ART
PAUL COCKSEDGE STUDIO

EXHIBITIONS DESIGN
MODUS OPERANDI

SPORTS COMPLEX ALGIERS

HEAD ARCHITECTS
María de los Ángeles Sánchez
Laura Espejo

PROJECT MANAGEMENT
Jokiñe Uriarte

ARCHITECTS
Borja Gómez
Ismael Gómez
Saray Ossorio

STRUCTURES
Alejandro Bernabeu

ENERGY EFFICIENCY AND SUSTAINABILITY
Antonio Villanueva

ACOUSTICS
Mario Torices

GRAPHIC DESIGN
MANUEL LEIRA

VIDEO
ISMAEL GÓMEZ

EVERTON FOOTBALL CLUB

HEAD ARCHITECTS
César Azcárate Gómez
Diego Rodríguez Segura

CUSTOMER MANAGEMENT
Michael McCarthy
Nigel Huish

PROJECT MANAGEMENT AND COSTS
Mikel Lotina
Viral Bhavsar

ARCHITECTS
Yian Jiang
Dean Slidel

STRATEGY
Marc Potard

GRAPHIC DESIGN
MANUEL LEIRA

SPECIALISTS
Felipe Gaona

LR8 RESEARCH BUILDING IN ENS MONOD

HEAD ARCHITECTS
Inés López Taberna
Iñaki Garai

ARCHITECTS
Federico Pardos
Fernando Garrido
Naiara Bravo

COSTS
VOXOA

STRUCTURES
COGECI

BUILDING SERVICES
ER2I INGÉNIERIE

ENERGY EFFICIENCY AND SUSTAINABILITY
ETAMINE

ACOUSTICS
ACOUPHEN

ADMINISTRATION
Clarisse Guiraud

GRAPHIC DESIGN
GLT Infografías

SEAT OF THE CENTRAL AMERICAN PARLIAMENT

HEAD ARCHITECT
María de los Ángeles Sánchez

PROJECT MANAGEMENT
María de los Ángeles Sánchez

ARCHITECTS
Beatriz San Salvador
Álvaro López
Cristian Herraiz
Javier Díaz
Anastasia Ulin
Luis Valverde
Elizabeth Arango

COSTS
María Victoria Blázquez

STRUCTURES
Alejandro Bernabeu
INCCO

HVAC
Eugenio Domínguez
PMT Ingenieros

ENERGY EFFICIENCY AND SUSTAINABILITY
Antonio Villanueva

LIGHT
Noemí Barbero
María de los Ángeles Sánchez
Javier Díaz

WATER
Jesús Sejas
Jorge García Chiu

ELECTRICITY
INSTAELECTRA

TELECOMMUNICATIONS
Ion Alonso
Xabier Azaguirre

FIRE
Luis Valverde

ACOUSTICS
Mario Torices

COMPUTER GRAPHICS
POLIEDRO

IDOM

SAUDI ARABIA
11683 RIYADH
The Business Gate,
Airport Road
P.O. Box 93597, Level 1,
Building 7, Zone A.
Kingdom of Saudi Arabia
Tel: +966 11 261 1493

ALGERIA
16028 ALGER
Lotissement Boursas,
villa n°34
Ben Aknoun
Tel/Fax: +213 23 230 290

BELGIUM
1040 BRUXELLES
Rue de Treves, 49
Tel: +32 2 230 59 50
Fax: +32 2 230 70 35

BRAZIL
CEP 01227-200 SÃO PAULO
Avenida Angélica,
2491 - cj. 72
Consolação
Tel: +55 11 25894023

CANADA
AB T3H 1J2 CALGARY
148 Coach Grove Place S.W.
Tel: +1 403 265 9664

CHILE
CP 8320196 SANTIAGO
Paseo Huérfanos 670,
Piso 26
Tel: +56223800720
Fax: + 562 22997924

COLOMBIA
110221 BOGOTÁ
Carrera 19 Nº. 95-31/55
oficina 411
Edificio Torre Platino
Tel: + 57 1 5232195

050022 MEDELLÍN
Carrera 43 A Nº. 1
Sur – 220 Oficina 604
Edificio Porvenir P.H.
Tel: +57 4 3229366 /
+57 312 7727350

UNITED ARAB EMIRATES
ABU DHABI
PO Box 61955
Al Bateen
Tel: +971 50 824 56 13

SLOVENIA
1000 LIUBLIANA
Dunajska cesta 165
Tel: +34 650 910 398

SPAIN
08028 BARCELONA
Gran Vía Carlos III, 97
Tel: +34 93 409 22 22
Fax: +34 93 411 12 03

48015 BILBAO
Avda. Zarandoa, nº 23
Tel: +34 94 479 76 00
Fax: +34 94 476 18 04

35002 LAS PALMAS
Viera y Clavijo, 30 - 1º
Tel: +34 928 43 19 50
Fax: +34 928 36 31 68

28049 MADRID
Avda. Monasterio de
El Escorial, 4
Tel: +34 91 444 11 50
Fax: +34 91 447 31 87

30004 MURCIA
Polo de Medina Nº 2 - 1º A
Tel: +34 968 21 22 29
Fax: +34 968 21 22 31

07003 PALMA DE MALLORCA
Avda. Conde Sallent, 11 - 4º
Tel: +34 971 42 56 70
Fax: +34 971 71 93 45

20018 SAN SEBASTIÁN
Parque Empresarial Zuatzu
Edificio Donosti, Zuatzu kalea, 5
Tel: +34 943 40 06 02
Fax: +34 943 39 08 45

15703 SANTIAGO DE
COMPOSTELA
Avda. de Lugo, 151 - 153
Tel: +34 981 55 43 91
Fax: +34 981 58 34 17

41927 Mairena de Aljarafe,
SEVILLA
Plaza de las Naciones, Torre
Norte, 9ª planta
Tel: +34 95 560 05 28
Fax: +34 95 560 04 88

43001 TARRAGONA
Plaça Prim, 4-5 Pral. 1a
Tel: +34 977 758 047
Fax: +34 977 227 910

46002 VALENCIA
Barcas, 2 - 5º
Tel: +34 96 353 02 80
Fax: +34 96 352 44 51

01008 VITORIA - GASTEIZ
Pintor Adrián Aldecoa, 1
Tel: +34 945 14 39 78
Fax: +34 945 14 02 54

50012 ZARAGOZA
Argualas, 3
Tel: +34 976 56 15 36
Fax: +34 976 56 86 56

UNITED STATES
MINNEAPOLIS,
MN 55401 - USA
330 Second Avenue South,
Suite 600
Tel: +1 612 332 8905
Fax: +1 612 334 3101

INDIA
110017 NEW DELHI
32, 1st Floor, Okhla
Industrial Estate, Phase-3
New Delhi-110020
Tel: +91 11 2956 4220
Fax: +91 11 2956 4221

LIBYA
TRIPOLI
Serraj
Tripoli, Libya
Tel: +218 928 966 903 /
+34660 51 63 15

MOROCCO
20100 CASABLANCA
219, Boulevard
Zerktouni Angle
Bd Brahim Roudani nº 13
Maârif
Tel: +212 6 65 19 41 37
Fax: +212 5 22 99 19 91

MEXICO
06600 MÉXICO D.F.
Paseo de la Reforma 404 - 5º
Colonia Juárez,
Delegación Cuauhtémoc
Tel: +5255 5208 4649
Fax: +5255 5208 4358

PERU
LIMA
Cal. General Recavarren 111,
oficina 1003 Miraflores
Tel: +51 1 241 2736

POLAND
00-112 WARSZAWA
ul. Bagno 2/176
Tel: +48 22 418 01 01
Fax: +48 22 418 01 02

54-404 WROCLAW
ul. Belgijska 18
Tel: +48 71 785 45 97
Fax: +48 22 418 01 02

PORTUGAL
1600-100 LISBOA
Rua General Firmino
Miguel, 3- 8º
Tel: +351 21 754 87 00
Fax: +351 21 754 87 99

UNITED KINGDOM
DERBYSHIRE DE56 2UA
East Mill
Bridgefoot, Belper
Tel: +44 177 382 99 88
Fax: +44 177 382 93 93

KENT BR2 6HQ
1 Leonard Place
Westerham Road, Keston
Tel: +44 1689 889 980
Fax: +44 1689 889 981

MANCHESTER M1 5AN
Peter House, Oxford Street
Tel: +44 161 209 3415
Fax: +44 161 209 3001

SCOTLAND FK9 4TU
Lomond Court, Castle
Business Park
Stirling
Tel: +44 01786 439 065

SOUTH WALES,
CARDIFF CF14 2DX
Churchgate Court
3 Church Road
Whitchurch
Tel: +44 2920 610 309
Fax: +44 2920 617 345

LONDON SE1 3QB
Unit 17G The Leathermarket
106a Weston Street
Tel: +44 207 397 5430