



# sistemas generales

DE ARQUITECTURA Y URBANISMO, S.L.P.

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## 1. MANAGEMENT SYSTEM

Sistemas generales structures, organises and develops its activity within independent ACTION AREAS integrated in a sole organisation and management framework.

## 2. SCOPE OF OUR WORK/ACTION AREAS

### 1. ARCHITECTURAL AND ENGINEERING PROJECTS

### 2. INTEGRAL REHABILITATION OF BUILDINGS

### 3. PROPERTY REFURBISHMENT

### 4. URBANISM

#### 4.1. URBAN PLANNING

- \* TERRITORIAL
- \* GENERAL
- \* PARTIAL OR DEVELOPMENTAL
- \* SPECIAL
- \* URBAN DESIGN

#### 4.2. URBANISATION AND INFRASTRUCTURE PROJECTS

#### 4.3. TRAFFIC STUDIES

#### 4.4. CATALOGUES OF PROTECTED ELEMENTS

### 5. INTEGRATED PROJECT AND WORK MANAGEMENT (PROJECT MANAGEMENT)

### 6. COMMUNICATION AND MARKETING OF PROJECTS

### 7. RESEARCH AND DEVELOPMENT R+D

#### 7.1. EXPERT REPORTS

#### 7.2. CORPORATE ADVISORY SERVICES

### 8. MANAGEMENT AND COORDINATION OF SECURITY AND HEALTH RISK PREVENTION

### 9. QUALITY MANAGEMENT OF THE PROJECT AND CONSTRUCTION PROCESS

## PROJECT

For each project we integrate all the necessary action areas for its performance under the supervision of one sole PROJECT MANAGEMENT.

We endow the project with and provide to the client a management structure characterised by independent criteria for each action, but integrated in a sole coordinated management in order to guarantee the fulfilment of all the objectives of the promoter.

The teams associated with each action and their structures are outlined as follows:

### PROJECT MANAGEMENT

- \* Project Manager
- \* Administration Director
- \* Project supervisor

### PROJECT

- \* Project Director
- \* Project Coordinator
- \* Production Coordinator

### FACULTATIVE MANAGEMENT/ARCHITECTURAL SUPERVISION TEAM

- \* Works Director
- \* Building Works Execution Director
- \* Construction Director
- \* Public Works Director
- \* Management of Health and Security

## CONSTRUCTION MANAGEMENT

- \* Delegate
- \* Group Supervisor
- \* Site Managers

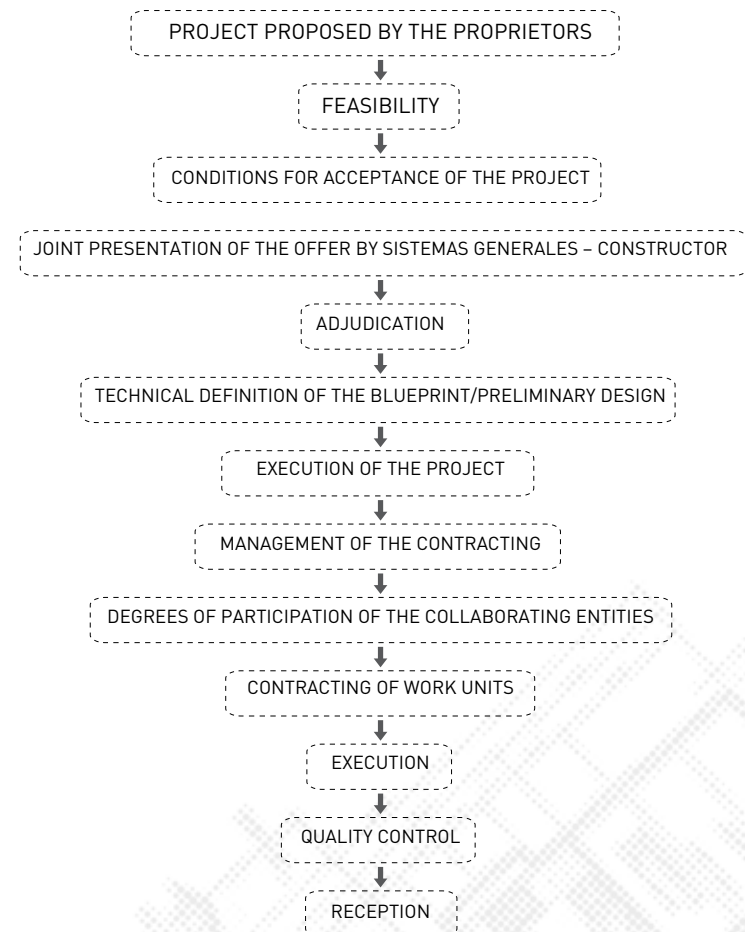
## INTEGRAL MANAGEMENT OF THE PROJECT AND CONSTRUCTION (PROJECT MANAGEMENT)

- \* Project manager

### Departments:

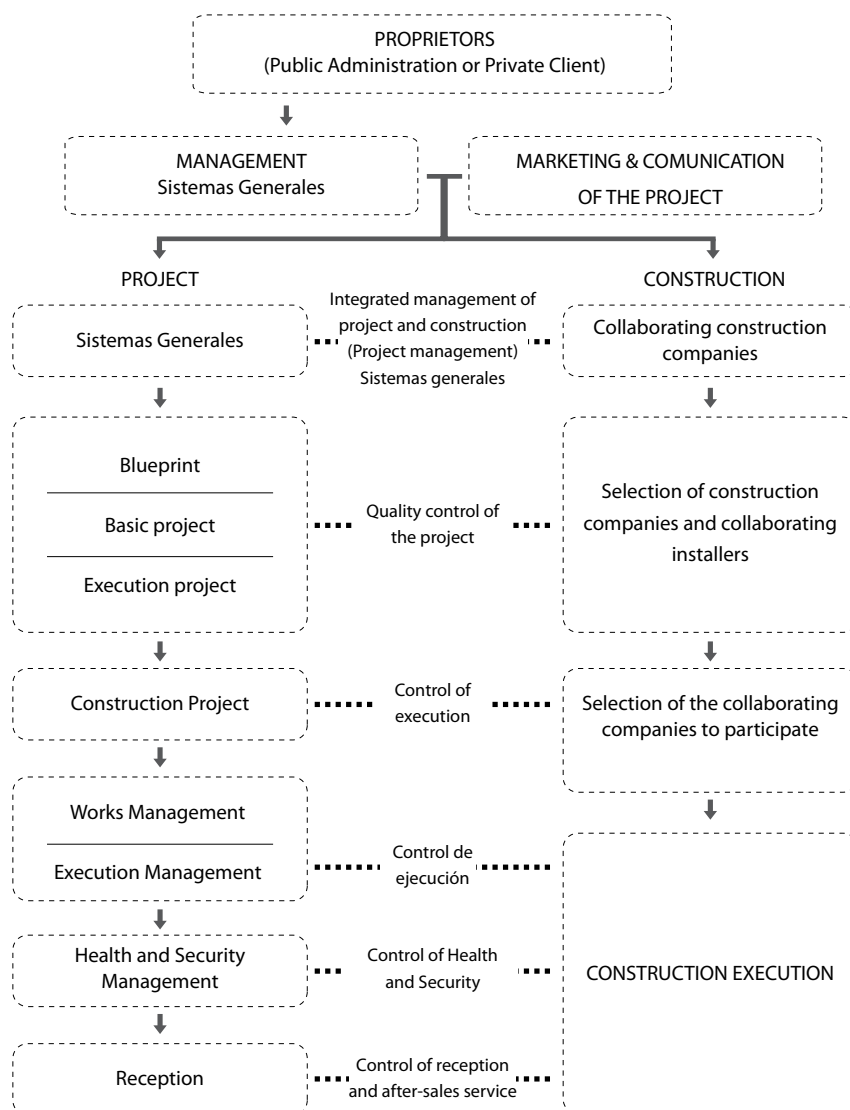
- \* Organisation, planning and management of resources
- \* Integral Quality Control
- \* Economic Control and project feasibility
- \* Assistance in contracting work units
- \* Management of licenses and permits
- \* Management of works reception and delivery
- \* After-sales management

## MANAGEMENT DEVELOPMENT





## RELATIONSHIP SCHEME



## SCOPE OF OUR WORK RESOURCES ABROAD

The structure, experience, management capacity and the associated and collaborating companies of sistemas generales enable us to perform complex architectural and engineering projects in coordination with state or private building including the Project, Construction and Administrative and Legal Management.

### 1. Integrated Project Management (Project management)

This is the established procedure including the entire coordination commencing with the promoter's initiative, design of the Project, Construction and Administrative and Legal Management.

The **PROJECT MANAGEMENT** coordinates the proprietor's initiative, its resources and profitability objectives, and establishes the technical viability of the project, determining from the start the volume of investment required and the conditions for its execution with the collaborating construction companies.

The Project is the instrument for the contracting and the control of the processes for the works execution and the maintenance of the building.

### 2. Communication and marketing of the project

During the performance and promotion of the project a study is made of the Communication and Marketing strategies required to achieve the maximum market response, thereby obtaining a rapid recuperation of the investment and maximum profitability.

### 3. Scope of our work/Action Areas

#### 3.1. Integral Management of the Building

- \* Housing Sector
- \* Office Sector
- \* Singular buildings. Public or private utilities
- \* Hotel Sector
- \* Industrial Sector
- \* Shopping Centres
- \* Sanitary Sector. Hospitals, assisted residences

#### 3.2. Integral Rehabilitation of the Building and of Patrimonial property

- \* Rehabilitation of Buildings for adaption to new uses
- \* Refurbishment of patrimonial buildings for their recuperation
- \* Catalogues of protected items
- \* Elimination of architectural barriers

#### 3.3. Integral Management of Public Works and Infrastructures

- \* Roads, Motorways
- \* Railways (Civil Works)
- \* Hydraulic Infrastructures
- \* Port Infrastructures

#### 3.4. Integral Management and Development of planning and urbanisation

- \* Planning
  - o Territorial
  - o General
  - o Partial or developmental
  - o Special
  - o Urban design

- \* Rehabilitation of City Urban quarters
- \* Urbanisation Projects
- \* Urban and interurban infrastructure projects
- \* Studies of traffic and of accessibility improvements

#### 3.5. Management capacity for Research, Development and Innovation (R+D+I)

- \* Management of international cooperation projects
- \* Management of educational projects for university exchange
- \* Management of investigation projects in construction technology and engineering

**Sistemas generales** is closely linked to the university because its Management is made up, inter alia, by teachers of the Universidad Politécnica de Madrid (UPM –Madrid Polytechnic University); more precisely the Department of Construction and Architectural Technologies of the Escuela Técnica Superior de Arquitectura de Madrid (Madrid Technical University School of Architecture).

In the sphere of International Cooperation between the counties situated in the Mediterranean area, and especially between their universities, a scenario exists for technological transfer and the training of professionals, unifying in the same project, the objectives of the university and of the company.

For this reason, once the line of professional collaboration was established between sistemas generales and the promoters in Algeria, professional training activity has developed within the framework of International Cooperation Projects, such as that which recently existed between the Department of Construction and Architectural Technologies of the Escuela Técnica Superior de Arquitectura de Madrid of the UPM and the University of Algeria.



## PROFESSIONAL TEAM

sistemas generales comprises EXPERTS in INTEGRAL MANAGEMENT OF PROJECTS AND CONSTRUCTION with experience, capacity, ability and knowledge in a range of professions, capable of performing ALL TYPES OF WORK AND PROJECTS in any part of the world.

We have undertaken projects in practically all the Autonomous Communities of Spain, including the islands, and we have international experience in Portugal and Latin-America.

We have worked in all the Building sectors, with private clients as well as Public Administration Regional and Local State entities.

**WE ARE A YOUNG MANAGEMENT TEAM WITH MORE THAN TWENTY YEARS EXPERIENCE IN SEPCLIALISED COMPANIES OF THE SECTOR.**



### Founding Partner

#### **Ernesto A. Rodríguez Sánchez.**

Architect - Universidad Politécnica de Madrid. Escuela Técnica Superior de Arquitectura. 1990.

Professor of Construction of the Escuela Técnica Superior de Arquitectura (School of Architecture). Polytechnic University of Madrid.

Professor at the Universidad Europea de Madrid (CES) 1998-1999. Professor at the Politécnico de la Universidad de Alcalá de Henares (Polytechnic University of Alcalá de Henares). Formed part of the first teaching team of the Department of Architecture. 1999-2001. Professor at the Instituto Universitario de Administración de Empresas (IADE). Universidad Autónoma de Madrid . 2001.

Likewise, he has imparted specialized training courses for architects at the Colegio Oficial de Arquitectos de Madrid (Professional Association of Architects of Madrid).

Doctorate Thesis: Flat systems for rear ventilated facades.

#### Recent Publications:

AA VV. Tratado Técnico- Jurídico de la Edificación y del Urbanismo. (Technical-Legal Treaty of Building and Urban-Planning).

Volume IV. Urban Law and the protection of patrimony. Chapter II. Urban and territorial planning; pps. 81 a 228. Pamplona. Ed. ARANZADI.

Award for Quality of Architecture and Housing of the Autonomous Community of Madrid, 1996.

Practicing architect since 1990. Founder of the architectural firm Estudio ARq R, Arquitectos y Urbanistas, S.L. and Sistemas Generales de Arquitectura y Urbanismo, S.L.P.

His professional activity over the last twenty years has centred on the management and drafting of projects as well as the direction of building and urban works. He has also directed and coordinated multidisciplinary teams for the management of complex projects for Public Administration and private clients.





## Partner

### Manuel Bermúdez.

Architect from the Polytechnic University of Madrid. School of Architecture. 1.999.

Building Surveyor. Technical College of Building Surveyors of Granada, 1,978.

Professional background:

Composed of large number of embodiments of multiple types and geographic locations, and the development of leadership and management responsibilities in large companies: Balsa, Dragados y Construcciones SA, and 6 Consortium led by Dragados (ACS).

The last 6 years has been one of the 5 Directors of Recruitment Dragados in Spain. Previously he was Manager of 6 Consortiums, needed to develop the works of Alcorcón Hospital Foundation and the Hospital La Paz (Madrid), together with the hospitals of Cabra (Córdoba), Motril (Granada) and Gregorio Marañón, form these 5 it has built hospitals; 2 Television Broadcasting Centers: Autonomy of Aragon (Zaragoza) and Torrespaña TVE (Madrid); 5 hotels; 1,175 homes in 9 property developments; 6 unique Buildings: 1 Health Center, 2 Administrative and Social Centers and 3 Schools, Sports Facilities and Developments.

Research and Knowledge Management:

Project Coordinator European Research and Development "Manubuild": Design and construction of technical block housing facilities for mobile robot in factory. Project made in collaboration with the Department of Systems Engineering and Automation, Universidad Carlos III. 2005

Member of "Committee on Knowledge Management": Created as an objective of the Directorate of Dragados in Quality. Other members of the Commission were: Director of Civil Works, Director of Technical Services, Director of Information Processes, Quality and Environment and Director of Geocisa. 1998.

"Leader" in Quality Improvement Project following the "Juran Method" Workgroup: How to reduce claims in the delivery of housing. Dragados. 1999.

Teaching:

Speaker at Work Courses Hospital: In the specialty of Rehabilitation. Dragados. 2005-2010.

Speaker at the "Course Architect and Construction Manager" at the School of Practice Joseph Lluís Sert, Professional Association of Architects in Barcelona: Training graduate architects. 2000.

Participated in the Fourth Biennial of Spanish Architecture: University of Alcalá de Henares. 1997.



#### **Manager and Technical Director**

**Javier López Rodríguez**

Technical Architect (Civil Engineer) Universidad Politécnica de Madrid. Escuela Universitaria de Arquitectura Técnica (University School of Technical Architecture). 1986.

Specialist in Integral Management of Projects and Construction (Project management) for buildings and public works. Specialist in the Technical Direction and Execution of the Rehabilitation of buildings and of patrimony. Specialist in the Management and Coordination of Health and Security in the drafting of projects and the execution of works.



#### **Director of Engineering and Public Works**

**Francisco González-Vizcaíno Antón**

Civil Engineer - Universidad Politécnica de Madrid. Escuela Técnica Superior de Ingenieros de Caminos, Canales y Puertos (Technical University School of Civil Engineering). 1983.

Quality award of the Town Hall of Móstoles (Madrid) for the Urban Planning Project of the PAU B sector.

Specialist in the technical direction of projects and direction of public hydraulic works (canals and dams), communication works (roads and motorways) and civil railway works and urban planning and urban infrastructure projects.



**Director of Urban and Territorial planning**  
**Juan Manuel Toledano Cerrato**

Architect- Universidad Politécnica de Madrid. Escuela Técnica Superior de Arquitectura. 1986.

Specialist in projects and management related to urban and territorial planning, as well as the drafting of studies on urban centres, catalogues of protected items and urban design.



**Works Execution Director. Special Works**  
**Eduardo J. Rodríguez Sánchez.**

Technical Works Manager. Departamento de Construcción y Tecnologías Arquitectónicas. Universidad Politécnica de Madrid. Escuela Técnica Superior de Arquitectura. 1990.

Specialist in the management and execution of special works. Large shopping malls. Corporate Image of Multinationals, Hospitals.



#### **Coordination of Production**

**Emiliano López Ambrosio.**

Design Draughtsman. 1980.

Specialist in the coordination of the technical production of the architectural and engineering project.



#### **Director of Marketing and Communication of the Projects**

**Carlos Jiménez Fernández**

Graduate in Business Administration. Universidad San Pablo – CEU. Madrid. 1999.

Graduate in Audiovisual Communication at Trazos School of Arts. 2002.

Specialist in marketing and communication of projects.

## COLLABORATING COMPANIES

We operate directly within the SCOPE OF OUR WORK/ACTION AREAS and in the special INTEGRAL MANAGEMENT OF PROJECTS AND CONSTRUCTION of “turn-key” projects with the most important companies in Spain.

### Construction :

- \* FERROVIAL – AGROMÁN
- \* FCC
- \* DRAGADOS Y CONSTRUCCIONES
- \* COLLOSA
- \* OHL
- \* ARPADA

### Installers:

- \* ELECNOR
- \* COBRA
- \* NOVOCALOR

### Engineering:

- \* PROINTEC
- \* BOSLAN
- \* INCO
- \* EUROCONTROL
- \* BERENGUER Y ASOCIADOS

Our TEAM is completed by an important group of ancillary companies and sub-contractors who allow us to perform all the technical structural aspects and finishing of our projects .

## EXPERIENCE ABROAD

Our corporate structure includes companies and professionals with experience in the construction of important projects in ALGERIA.

### Collaborating companies:

- \* BOSLAN
- \* Grupo FCC

## SPECIAL CLIENTS

Finally, we present below some of our most representative clients.

### Public Administration and State Entities

- \* Central State Administration
- \* Ministry of Development and Public Works
- \* General Treasury of the Social Security
- \* Hydrographical Confederations
- \* Experimental Centre CEDEX. Central Laboratory of Ports
- \* Cadiz coasts department
- \* Port Authority of the Port of Valencia (America Cup)

### Autonomous Community of Madrid

- \* Department of Health
- \* Department of Education
- \* Department of Environment, Housing and territorial Management
- \* Madrid Housing Institute (Instituto de la Vivienda de Madrid (IVIMA))
- \* Canal de Isabel II



**Autonomous Community of Extremadura**

**Autonomous Community of the Basque country**

**Autonomous Community of Navarra**

**Autonomous Community of Castile-La Mancha**

#### **Madrid Town Hall**

- \* Municipal Housing Company of the Madrid Town Hall (Empresa Municipal de la Vivienda del Ayuntamiento de Madrid (EMV))
- \* Department of Gardens and Parks (Garden of the Retiro)

#### **Town Halls**

A variety of work has been performed for town halls all over Spain.

#### **Private Corporations:**

- \* CEMEX
- \* MAPFRE VIDA
- \* MAPFRE MUTUALIDAD
- \* MAPFRE SEGUROS GENERALES
- \* FREMAP
- \* BANESTO
- \* CADENA HOTELERA ACCOR
- \* FERGO GALICIA
- \* HIMOVISA - PROVALID

## **9. REFERENCES OF PROJECTS AND WORKS PERFORMED. SCOPE OF WORK/ ACTION AREAS**

The integration of work with our COLLABORATING COMPANIES as joint-ventures (U.T.E.) allows us to perform projects anywhere in the world.

We outline below some of the most significant projects and works undertaken in the various sectors which our scope of work covers.

### **9.1. Integral Building Management**

- \* Office Sector
- \* Singular buildings. Public and private utilities
- \* Sanitary Sector. Hospitals, Assisted Residences, Mortuaries
- \* Education Sector. Schools, Special Training Centres, Nurseries
- \* Hotel Sector
- \* Industrial Sector
- \* Commercial Centres
- \* Housing Sector. Multifamily and single- family detached housing

# office buildings

OWN PROJECTS



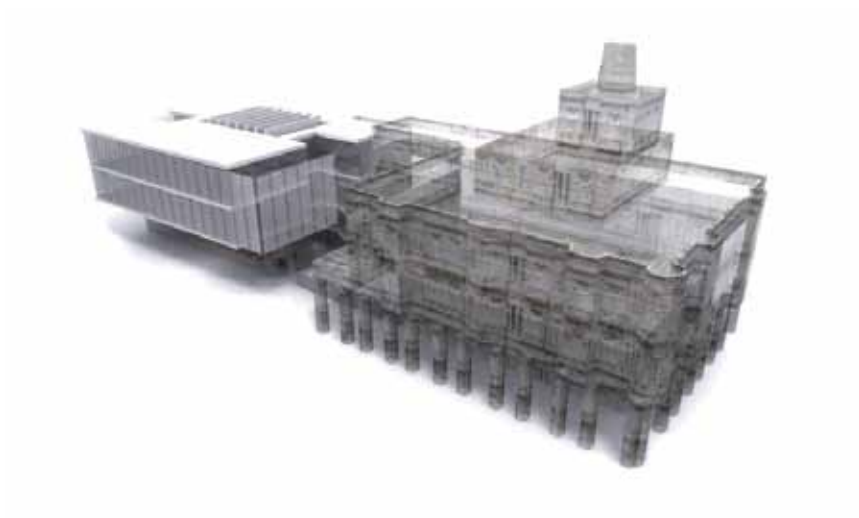
**Expansion of the Chancellery of the Spanish Embassy in Amman**  
(Image of the project)



(Current Image)



**Rehabilitation of Velasco Serra Palace. La Habana, Cuba.**  
(Work in process)



**Expansion of Velasco Serra Palace. La Habana, Cuba.**  
(Image of project)



**Main Building of CEMEX c/Hernández de Tejada nº 3 y 5**

Quality Award for Architecture and Housing of the Autonomous Community of Madrid. 1996.



**Provincial Directorate of the General Treasury of the Social Security in Huesca.**

Project: PROINTEC - SISTEMAS GENERALES

(Image of the project)





**Provincial Directorate of the General Treasury of the Social Security in Huesca.**  
(Actual progress of the works)



(Actual progress of the works)



**Provincial Directorate of the General Treasury of the Social Security in Teruel.**

Project: PROINTEC - SISTEMAS GENERALES

(Image of the project)



(Actual progress of the works)



**Provincial Directorate of the General Treasury of the Social Security in Teruel.**  
(Image of the project)



(Image of the works)





**Provincial Directorate of the General Treasury of the Social Security in Trujillo.**

Project: J. RUIZ - BOSLAN - SISTEMAS GENERALES

(Image of the project)



(Actual progress of the works)



**Provincial Directorate of the General Treasury of the Social Security in Palma de Mallorca.**

Project: PROINTEC - SISTEMAS GENERALES  
(Finished works)



(Image of the building)





**Provincial Directorate of the General Treasury of the Social Security in Calatayud**

Project: BOSLAN - SISTEMAS GENERALES

(Image of the project)



(Actual progress of the works)



**Provincial Directorate of the General Treasury of the Social Security in Linares (Jaén).**

Project: QR 2001 - SISTEMAS GENERALES  
(Finished works)



**Provincial Directorate of the General Treasury of the Social Security in (Jaén).**

Project: BOSLAN - SISTEMAS GENERALES  
(Image of the project)





**Provincial Directorate of the General Treasury of the Social Security in Palencia.**

Project: PROINTEC - SISTEMAS GENERALES

(Image of the project)



**Provincial Directorate of the General Treasury of the Social Security in Vitoria (Álava).**

Project: PROINTEC - SISTEMAS GENERALES

(Imagen de Proyecto)



**Provincial Directorate of the General Treasury of the Social Security in Sevilla.**

Project: SISTEMAS GENERALES

(Image of the project)

sistemas generales



# office buildings

GESTIÓN INTEGRAL DEL PROYECTO Y DE LA CONSTRUCCIÓN  
(Project management)



**Barcelona - Torre MAPFRE (Olympic port)**

Proprietor: Corporación MAPFRE

Technical details of the building: height 154 metres



**Valencia – Sub-central Headquarters of MAPFRE**

Proprietor: CORPORACIÓN MAPFRE



**Lisbon (Portugal)– MAPFRE headquarters**  
**Proprietor: MAPFRE SEGUROS**



**Santa Cruz de Tenerife (Tenerife)– MAPFRE headquarters**  
**Proprietor: Corporación MAPFRE**





**Majadahonda (Madrid)– MAPFRE headquarters**

**Proprietor:** Corporación MAPFRE



**Valladolid – MAPFRE headquarters**

**Proprietor:** Corporación MAPFRE





### **Integral Reform of the offices of Banesto**

At the time we undertook one of the most important business projects in Spain, namely, the modernisation and development of all the structures of the offices and branches of BANESTO.

# buildings for utilities

(Project management)



## HOTEL

Hotel Hamidou. Complex Club de Pins. Alger, Algeria.





## HOTEL

Hotel Amphiteatre. Sidi. Ferruch. Algeria.





## INVESTIGATION SECTOR

Building Extension of the Ports Laboratory of CEDEX for the implementation of a laboratory to control the Quality of Marine Environment and a Ports Simulator.



## HOSPITAL SECTOR

### Building for operating rooms and outpatients. Almendralejo (Badajoz)

Hospital of the Foundation Nuestra Señora de la Almudena





**Building for Geriatric Residence in Miraflores de la Sierra (Madrid)**  
Town Hall of Miraflores de la Sierra







## EDUCATION SECTOR

### Integral remodelling of the Colegio Cuba (Madrid)

Department of Education. Autonomous Community of Madrid



(aerial view)



## EDUCATION SECTOR

### Guardería Casa de Niños. Belmonte de Tajo Madrid)

Town Hall of Belmonte de Tajo



(Finished works)

## EDUCATION SECTOR

Training Centre for Women. C/ Lumbrales.  
IMEFE. Town Hall of Madrid.



(Interior image and modular systems)



## EDUCATION SECTOR

Centro de Estudios ESDIP  
ESDIP



(Finished works)



## EDUCATION SECTOR

Centro de Estudios ESDIP  
ESDIP



(Finished works)





## LANDSCAPING

Twelve belvederes into Retiro Park, Madrid.





## MAIN HOUSES

Albarrán-Alarcón House, Cuenca.



# buildings for utilities

INTEGRAL MANAGEMENT OF THE PROJECT AND OF THE CONSTRUCTION  
(Project management)



## HOSPITAL SECTOR



**Building for outpatients at the Gregorio Marañón**  
Madrid. Autonomous Community of Madrid



**Medical Centre and offices of FREMAP**  
Santa Cruz de Tenerife Sovhispan building  
FREMAP (MAPFRE)



## OLD PEOPLE'S RESIDENCES

Old people's residence "El Encinar del Rey" – Valladolid.



Municipal Mortuary of Perales de Tajuña



# **buildings for the hotel and commercial sector**

Integral Management of the Project and of the Construction  
(Project management)



## HOTEL SECTOR

### HOTEL FOR THE ACCOR CHAIN

Novotel - Valladolid



## COMMERCIAL CENTRE

### Commercial centre: Moda Shopping Port Olímpic BARCELONA MAPFRE

Building complex annexed to the MAPFRE tower

# **buildings for the industrial sector**

Integral Management of the Project and of the Construction  
(Project management)



## INDUSTRIAL SECTOR - RESEARCH



### Avila – Cesvimap buildings and industrial bay

Centre for driver education of MAPFRE in Avila. Office buildings and workshop bay.



### Office buildings – laboratory bay

Technological Park of Boecillo, Valladolid

# housing sector

(Proyectos propios y Project Management)

We have undertaken the construction of more than 2000 homes of varying types and quality in many autonomous communities in Spain.



**55 homes in Hilera, Illescas. TOLEDO**

CERAMEX – Illarcuris



(Finished works)



**2 blocks of 67 homes**

Polígono de los Rosales(Housing scheme) – LA CORUÑA



**36 homes in three blocks**

**35 single-family detached homes.**

Residential park of Fonte d´Ouro , Oleiros, LA CORUÑA





**Drafting of the project and facultative management of the execution of 73 VPPL category public-aided homes situated on allotments 38 and 39 of the partial plan of PAU IV of Móstoles, Madrid**

Client: private



(Image of the project)



**Drafting of the project and facultative management of the execution of 182 VPPB category public-aided homes situated in sector PP03 "BUENAVISTA" of Getafe, Madrid**

Client: private



(Image of the project)

**RDrafting of the project and facultative management of the execution of 204 VPP < 110m2 category public-aided homes of the Municipal Housing Corporation in Rivas Vaciamadrid, Madrid**

# rehabilitation of buildings

(Own projects)

## **3.2. Integral Management of the Rehabilitation of buildings and of patrimony**

Rehabilitation of Buildings for adaption to new uses

Intervention and Restoration of patrimonial buildings for their recuperation





Integral Rehabilitation of a building situated at the Plaza de Alonso Martínez, 7 (Madrid)



(Image of the Rehabilitation)





Integral Rehabilitation of a building situated in the street Calle Santa Engracia 70 (Madrid)



(Image of the Rehabilitation)



Integral Rehabilitation of a building situated in the street Calle Santa Engracia 122 (Madrid)



Integral Rehabilitation of Fernández de Castro Foundation Palace, Calle San Mateo (Madrid)





# rehabilitation of buildings

INTEGRAL MANAGEMENT OF THE PROJECT AND OF THE CONSTRUCTION  
(Project Management)

The company and its professional experts have undertaken the integral management of the restoration and the integral rehabilitation of buildings applying the most up to date execution and management techniques.





**Integral rehabilitation of the premises**

Suntory Restaurant

Heron Building, Castellana –Madrid



**Integral rehabilitation of the building**

Virgen del Pilar School, Madrid



### Integral rehabilitation of the building

14 homes and commercial premises

Fuente Dorada, Valladolid



### Integral rehabilitation of the building

Historical building situated in the street Fernando el Santo (Madrid)





### **Integral rehabilitation of the building**

Historical building situated in Paseo de Recoletos nº 23 (MADRID)  
MAPFRE



### **Integral rehabilitation of the building**

Historical building situated in Paseo de Recoletos Nº 25 (MADRID)



### **Integral rehabilitation of the building**

Offices and banking branch in a building in the street C/ Ibañez of Bilbao  
MAPFRE



# public works

OWN PROJECTS AND INTEGRAL MANAGEMENT OF THE PROJECT AND OF THE CONSTRUCTION  
(Project Management)

## **3.3. Integral Management of Public Works and Infrastructures**

Roads, Motorways

Railways (Civil Works)



**Seafront walkway “El Rompidillo” and regeneration of the beach**  
ROTA - CÁDIZ



**Photovoltaic solar plant of 3 mw**  
DEUTCHE SOLAR IBERICA S.L.  
Tordesillas Valladolid

# public works

URBAN AND TERRITORIAL PLANNING AND URBANISATION PROJECTS  
(Own projects)

## **3.4. Integral Management and Development of planning and urbanisation**

### **Planning**

Territorial

General

Partial or developmental

Special

Urban design

### **Rehabilitation of City Urban quarters**

Urbanisation Projects

Urban and interurban infrastructure projects

Studies of traffic and of accessibility improvements



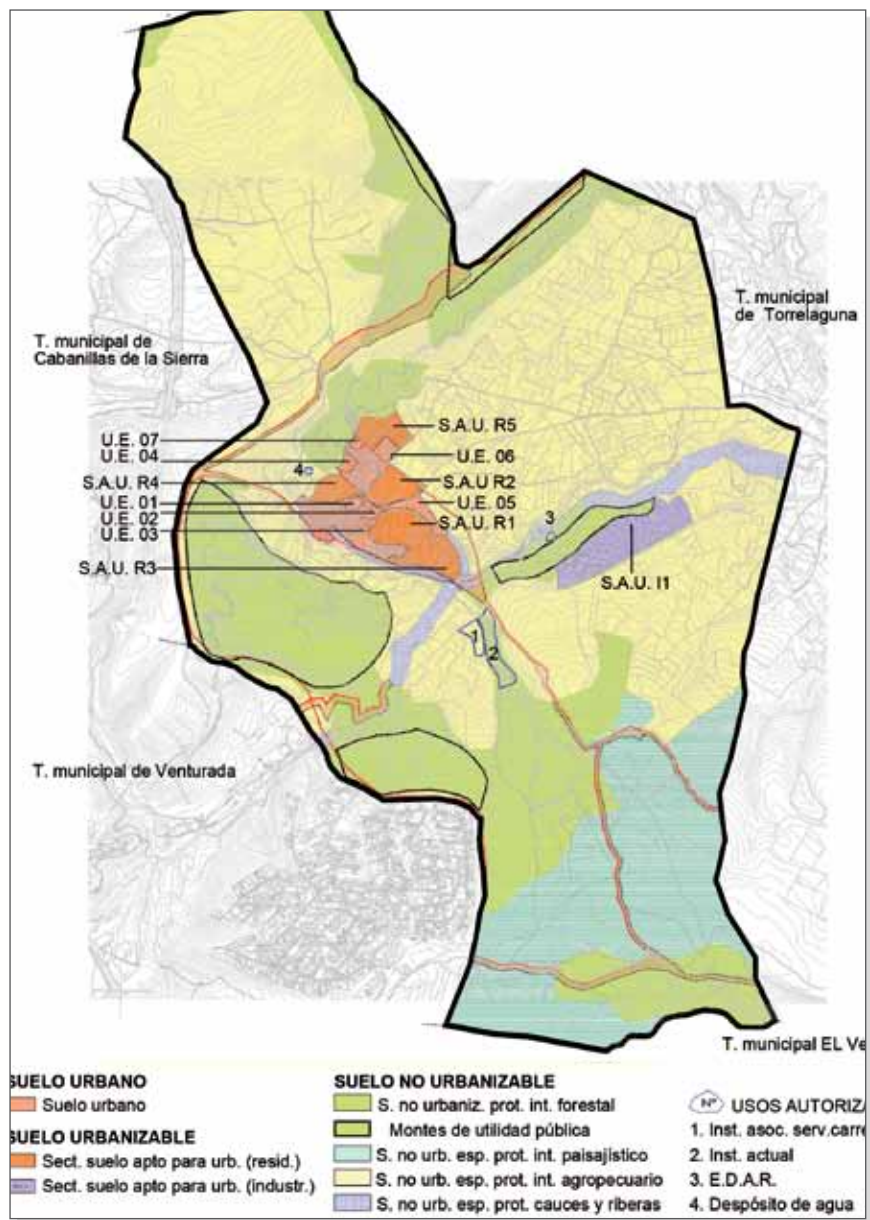
## MASTER PLAN AND DEVELOPMENT

“Ciudad Parque de Valdebebas”, Madrid.

Project: PROINTEC - SISTEMAS GENERALES

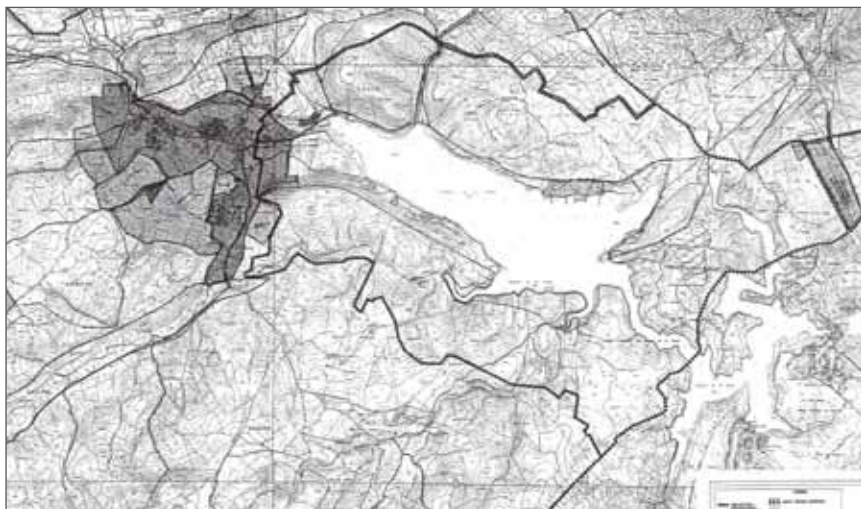


Town Hall of Quijorna



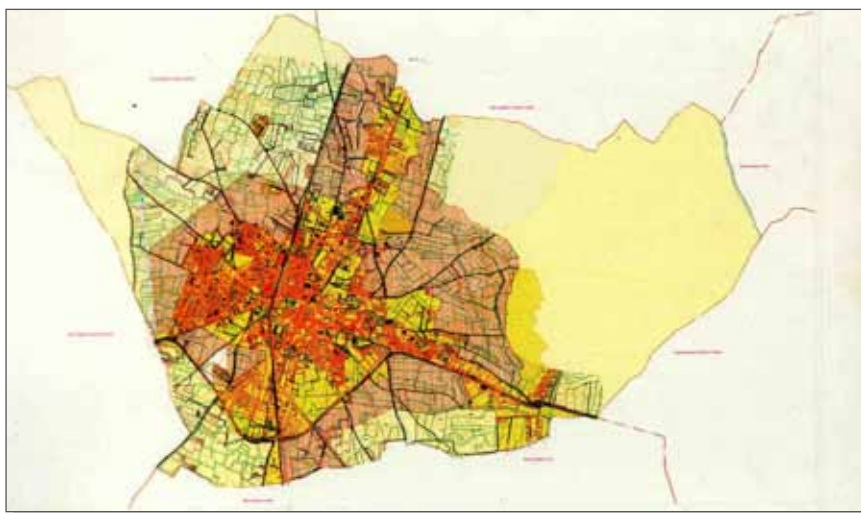
## Urban planning of Redueña. Madrid.

Town Hall of Redueña



## Urban planning of Guadalix de la Sierra . Madrid

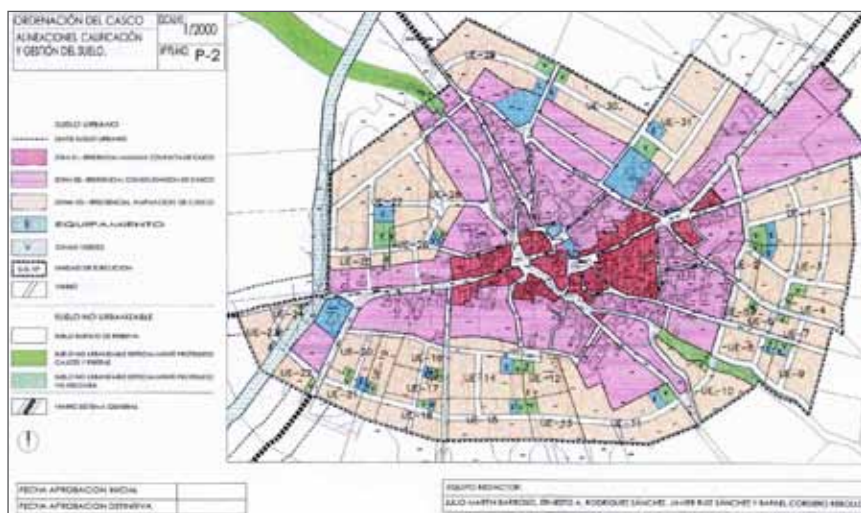
Town Hall of Guadalix de la Sierra



## Urban planning of Griñón. Madrid.

Town Hall of Griñón



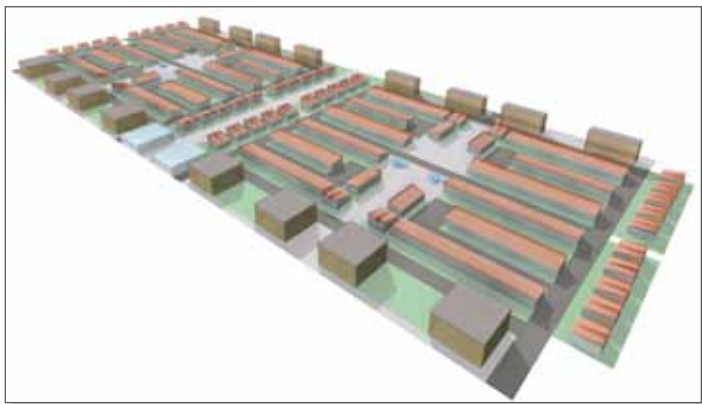


Urban planning of Hormigos. Toledo.  
Town Hall of Hormigos



Partial planning  
Partial plan of sector S.02.R. Quijorna. Madrid.  
Town Hall of Quijorna





Partial plan of the PAU B Móstoles. Madrid.  
Town Hall of Móstoles

(current image)





Partial plan of sectors S.03, S.04 Y S.05 Quijorna. Madrid.  
Town Hall of Quijorna



Partial plan of the technological park of Miguel Turra. Ciudad Real.  
Town Hall of Miguel Turra





Urbanisation projects of SAU 02. R. Quijorna. Madrid

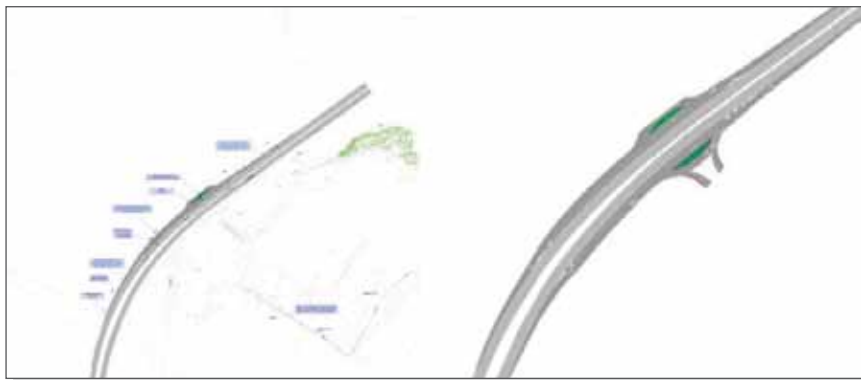


Partial plan and urbanisation project of SAU 01. Quijorna. Madrid

Town Hall of Quijorna



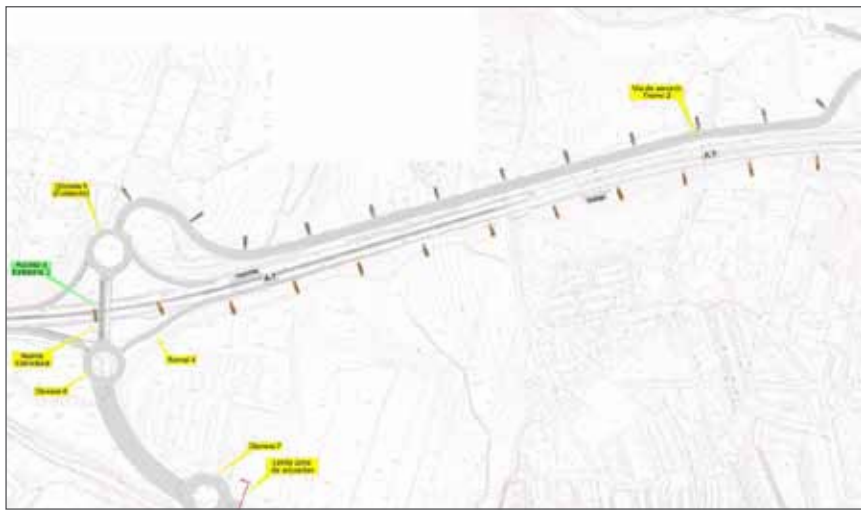
Urbanisation project of PAU B of Móstoles. Madrid.



Drafting of the project for the adaptation and improvement of the existing access in the A-7, p.k. 150+100 (right hand side), in the municipality of Estepona, Málaga.

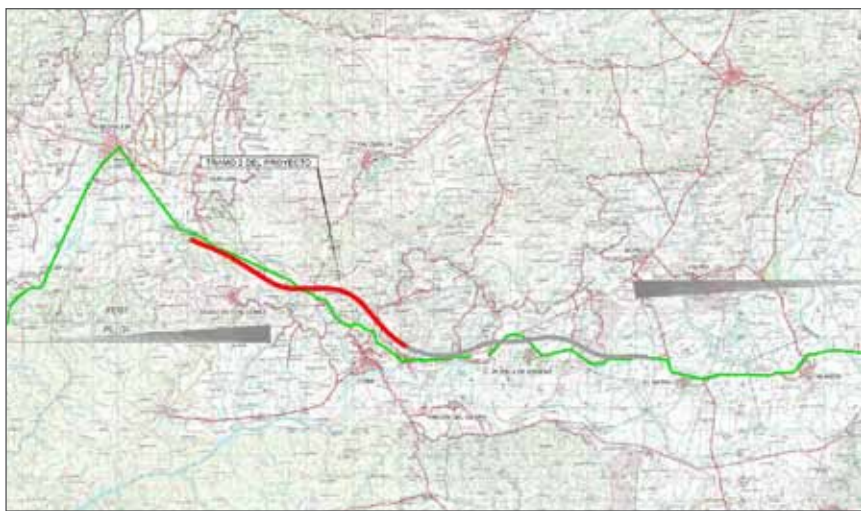
Town Hall of Estepona





**Proposal for the reorganisation of the traffic and access to the urban agglomeration of Estepona (Málaga).**

Town Hall of Estepona

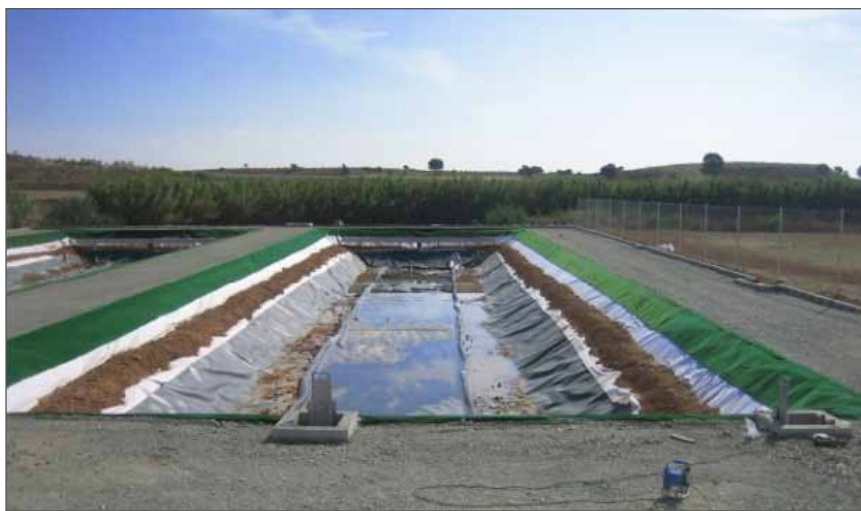


**Direction, control and supervision of the execution of the autonomous motorway EX-A1 from Plasencia to Portugal. Section: Coria-Moraleja East.**

Junta de Extremadura

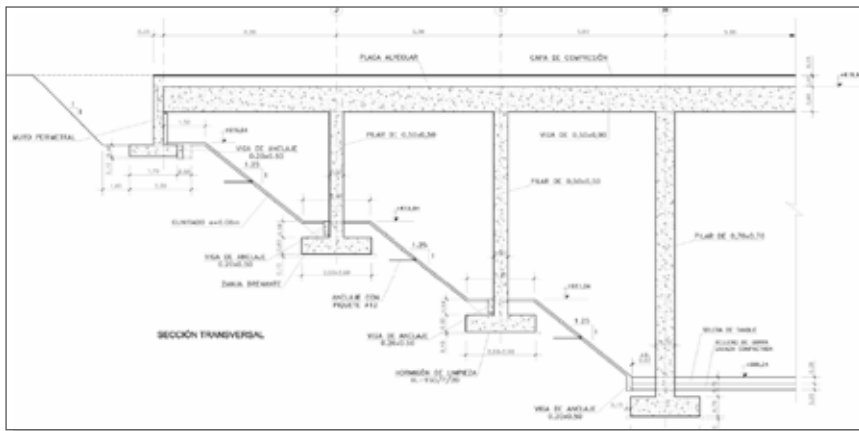


Management of the works, control and technical assistant for the works management team and coordination in health and security matters for the works of the sewage farm of Abengibre – Jorquera, Alcalá del Júcar, Villatoya, la Recueja, Cenizate, Fuentealbilla and Navas de Jorquera (Albacete)



(Image of the works)

(Image of the project)







**Project for the first phase of the 2008-2015 plan for improvements in the urban zone of "La Moraleja" in Alcobendas, Madrid.**

Client: Town Hall of Alcobendas



(Image of the project)





Project, facultative management and coordination of health and security during the execution of the conditioning and improvements of the Plaza de la Constitución and of the Calle Mayor of Fuentidueña de Tajo (Madrid)  
Client: Town Hall of Fuentidueña de Tajo



(Finished works)



**Project and study for the health and security of the execution of the conditioning and improvements of the historical quarter of Valdemorillo (Madrid)**

Client: Arpegio



(Image of the project)

# marketing and communication

**We have developed the image, marketing and communication of more  
than 500 projects over the last 8 years**







**certificates and commitments**

## Collaborating companies acting in ALGIERS


**BOSLAN**  
INGENIERÍA Y CONSULTORÍA

D. Julián Luis Díez Gómez como DIRECTOR TÉCNICO y en representación de BOSLAN Ingeniería y Consultoría, S.A.

**CERTIFICA:**

Que BOSLAN Ingeniería y Consultoría, S.A. colabora con SISTEMAS GENERALES DE ARQUITECTURA Y URBANISMO, S.L.P. en el **Desarrollo de Proyectos de Arquitectura e Ingeniería en los trabajos realizados en Argelia.**

Para que así conste y surta los efectos oportunos, firmo el presente certificado en Madrid a 16 de Marzo de 2010.

  
Firmado: Julián Luis Díez Gómez

Atte. 30  
28042 Madrid  
Tel.: 913 143 421  
Fax: 917 331 411  
E-mail: boslan@boslan.com

Región Mercantil de Madrid, Tomo 2986, Libro 3, Sección 8ª, Folio 36, Hoja 9ª - 28865. Inscripción P. C.I.F. A-28042024

**FCC** FOMENTO DE CONSTRUCCIONES Y CONTRATAS, S.A.

ÁNGEL LUIS PÉREZ BUITRAGO, actuando en calidad de Apoderado de la empresa **FOMENTO DE CONSTRUCCIONES Y CONTRATAS, S.A.** y de Director de la empresa de CONSERVACIÓN Y SISTEMAS, S.A., ambas pertenecientes al **GRUPO FCC**, por medio del presente documento:

**DECLARA:**

Que la empresa **SISTEMAS GENERALES DE ARQUITECTURA Y URBANISMO, S.L.P.**, colabora con el GRUPO FCC en la elaboración de proyectos de Arquitectura e Ingeniería.

Y para que así conste, expido la presente declaración en Madrid, a quince de Marzo de dos mil diez.

  
Fdo. Ángel Luis Pérez Buitrago

Desarrollo Social Madrid, 30. 88097 Madrid. Inscripción en el Registro Mercantil de Madrid, Tomo 27724, Libro 1, Hoja 36, Folio 98. A-28042024

C/. Camino de Haregueros, 131 - 28031 - MADRID. Telf.: 91 779 16 00 - Fax: 91 779 16 94

## Collaborating construction companies

**FCC** FOMENTO DE CONSTRUCCIONES Y CONTRATAS, S.A.

ÁNGEL LUIS PÉREZ BUITRAGO, actuando en calidad de Apoderado de la empresa **FOMENTO DE CONSTRUCCIONES Y CONTRATAS, S.A.** y de Director de la empresa de CONSERVACIÓN Y SISTEMAS, S.A., ambas pertenecientes al **GRUPO FCC**, por medio del presente documento:

**DECLARA:**

Que la empresa **SISTEMAS GENERALES DE ARQUITECTURA Y URBANISMO, S.L.P.**, colabora con el GRUPO FCC en la elaboración de proyectos de Arquitectura e Ingeniería.

Y para que así conste, expido la presente declaración en Madrid, a quince de Marzo de dos mil diez.

Fdo. Ángel Luis Pérez Buitrago

C/. Camino de Hornigueros, 131 - 28031 - MADRID. Tel.: 91 779 16 00 - Fax: 91 779 16 94


**ferrovial**  
agroman

Madrid, 22.03.10

D. Javier Alonso García, Arquitecto, Jefe del Departamento de Contratación Dirección Madrid de FERROVIAL-AGROMÁN, S.A.

**CERTIFICO**

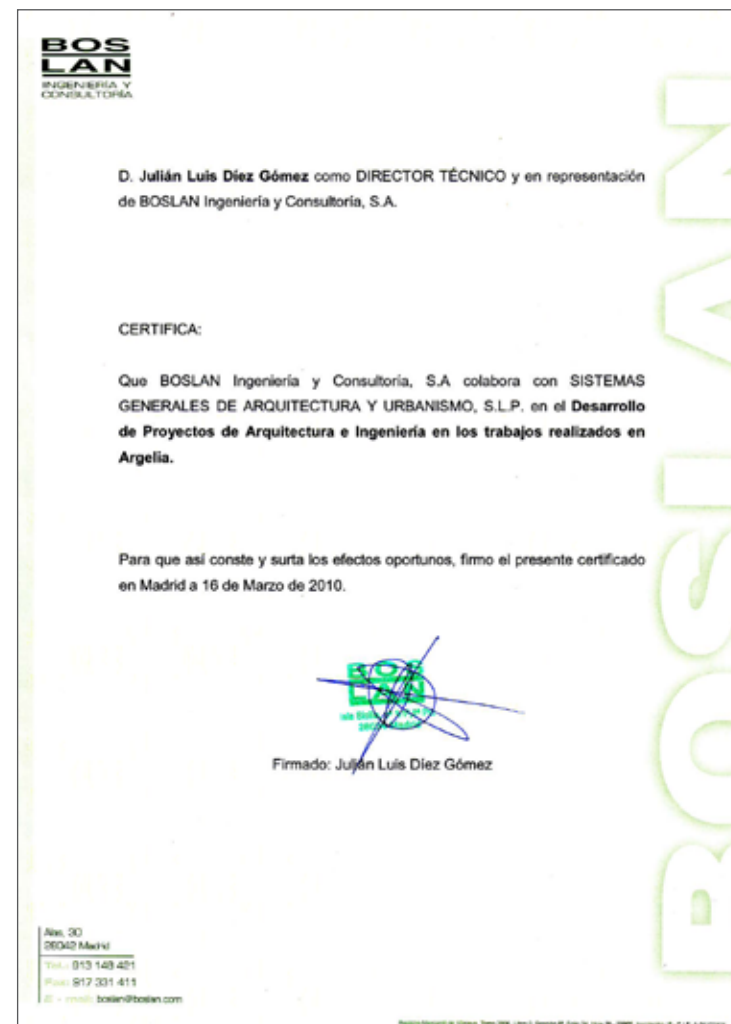
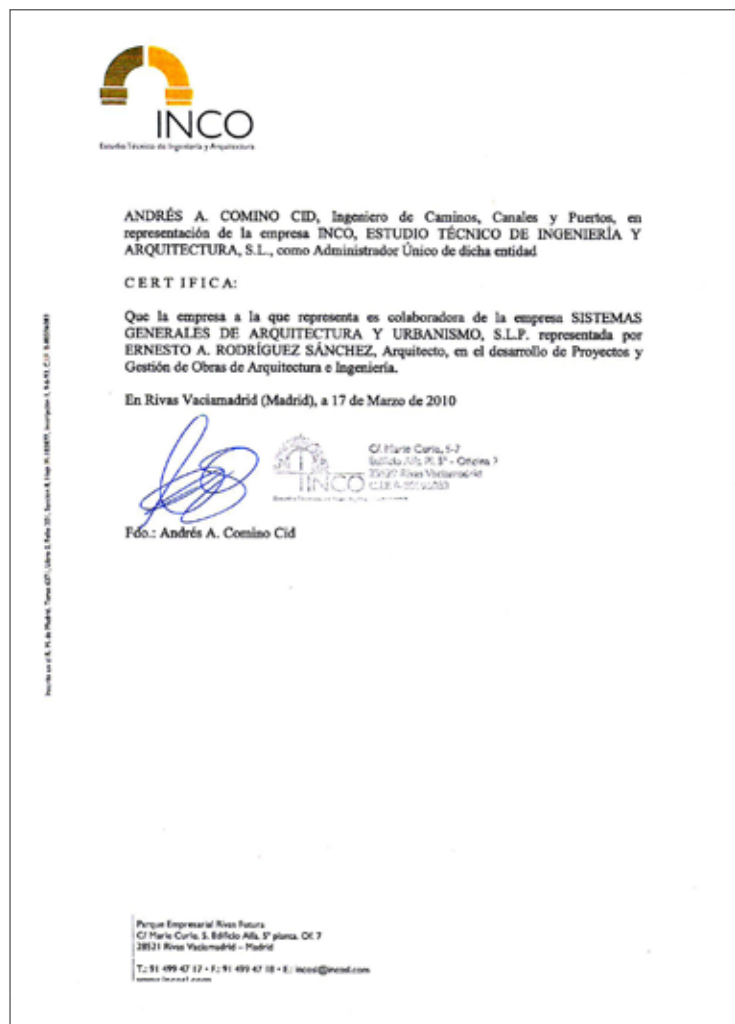
Que la empresa SISTEMAS GENERALES DE ARQUITECTURA Y URBANISMO, S.L.P., representada por D. Ernesto A. Rodríguez Sánchez, Arquitecto, colabora desde el año 2004 con FERROVIAL-AGROMÁN, S.A., en la redacción de trabajos de licitaciones de proyectos de Arquitectura e Ingeniería y su organización y planificación para las Administraciones Estatal, Autonómica y Local y para clientes privados.



Fdo.: D. Javier Alonso García



Engineering companies collaborating in the drafting of projects, the direction of works and the Integral Management of the Project and of the Construction



**Certificates issued by the Official Organisms responsible for the Projects and Works Management**



MINISTERIO  
DE TRABAJO  
E INMIGRACIÓN



TESORERÍA GENERAL  
DE LA SEGURIDAD SOCIAL

Subdirección General de Créditos del Patrimonio,  
Inversiones y Obras  
Oficina Técnica y de Supervisión de Proyectos


D. ANTONIO MARTÍNEZ ARRIBAS, Jefe de la Oficina de Supervisión de Proyectos de la Tesorería General de la Seguridad Social. (Ministerio de Trabajo e Inmigración).

**CERTIFICA**


Que D. Ernesto Abdón Rodríguez Sánchez, Arquitecto, con nº de colegiado 9.419, en calidad de Director de la empresa **Sistemas Generales de Arquitectura y Urbanismo, S.L.P.**, es coautor y asesor en la dirección de obra del "Proyecto y Dirección de las obras de Construcción de un edificio para sede de las Direcciones Provinciales de la Tesorería General de la Seguridad Social y del Instituto Nacional de la Seguridad Social en HUESCA", adjudicado a INSERAIL (Grupo PROINTEC) por la Tesorería General de la Seguridad Social con fecha 25 de febrero de 2003, por un importe de honorarios de 667.748,00 €.

Y para que conste, a petición del interesado, se expide la presente en Madrid a 1 de marzo de 2010.



MINISTERIO  
DE TRABAJO  
E INMIGRACIÓN



TESORERÍA GENERAL  
DE LA SEGURIDAD SOCIAL



Subdirección General de Créditos del Patrimonio,  
Inversiones y Obras  
Oficina Técnica y de Supervisión de Proyectos

D. ANTONIO MARTÍNEZ ARRIBAS, Jefe de la Oficina de Supervisión de Proyectos de la Tesorería General de la Seguridad Social. (Ministerio de Trabajo e Inmigración).

**CERTIFICA**

Que D. Ernesto Abdón Rodríguez Sánchez, Arquitecto, con nº de colegiado 9419, es coautor y será asesor, en calidad de Director de la empresa **Sistemas Generales de Arquitectura y Urbanismo, S.L.P.**, en la dirección de obra del "Proyecto básico y de ejecución del edificio Sede de las Direcciones Provinciales de la Tesorería General de la Seguridad Social y del Instituto Nacional de la Seguridad Social en JAEN", adjudicado a BOSLAN, Ingeniería Consultoría, S.A., por un importe de honorarios de 726.111,88 €, con fecha 7 de Marzo de 2.003 por la Tesorería General de la Seguridad Social.

Y para que conste, a petición del interesado, se expide el presente en Madrid a dieciséis de Marzo de dos mil diez.

QR2001 Arquitectos Asociados S.L.P.  
C/ Martín de los Heros 56.  
Madrid 28005.  
Telf/Fax 91.547.44.15-915472737



D. Alfredo Ramos Pérez y D. Jesús Quintana Romojaro, Arquitectos, en nombre y representación de la empresa QR 2001 ARQUITECTOS ASOCIADOS S.L.P.

#### CERTIFICAN

Que D. Ernesto Abdón Rodríguez Sánchez, Arquitecto, con nº de colegiado 9.419 del Colegio Oficial de Arquitectos de Madrid, en calidad de Director de la empresa Sistemas Generales de Arquitectura y Urbanismo, S.L.P., es coautor y ha sido asesor a la dirección de la obra del Proyecto Básico y de Ejecución de la Oficina Integral de la Seguridad Social en LINARES (JAÉN), adjudicado por la Tesorería General de la Seguridad Social a la empresa QR 2001 ARQUITECTOS ASOCIADOS S.L.P. por un importe de honorarios de 286.256,06 €

Y para que conste, a petición del interesado, se expide la presente en Madrid a 16 de Marzo de 2010

Fdo. QR 2001 ARQUITECTOS ASOCIADOS S.L.P.

ALFREDO RAMOS PÉREZ

JESÚS QUINTANA ROMOJARO



MINISTERIO  
DE TRABAJO  
E INMIGRACIÓN



Subdirección General de Gestión del Patrimonio,  
Servicios y Oficina  
Oficina Técnica y de Supervisión de Proyectos

D. ANTONIO MARTÍNEZ ARRIBAS, Jefe de la Oficina de Supervisión de Proyectos de la Tesorería General de la Seguridad Social. (Ministerio de Trabajo e Inmigración).

#### CERTIFICA

Que D. Ernesto Abdón Rodríguez Sánchez, Arquitecto, con nº de colegiado 9.419, en calidad de Director de la empresa Sistemas Generales de Arquitectura y Urbanismo, S.L.P., es coautor y asesor en la dirección de obra del "Proyecto y Dirección de las obras de Construcción de un inmueble para sede de las Direcciones Provinciales de la Tesorería General de la Seguridad Social y del Instituto Nacional de la Seguridad Social en PALENCIA", adjudicado a GOYMAR (Grupo PROINTEC) por la Tesorería General de la Seguridad Social con fecha 4 de Junio de 2006, por un importe de honorarios de 1.399.960,00 €.

Y para que conste, a petición del interesado, se expide la presente en Madrid a 1 de marzo de 2010.





MINISTERIO  
DE TRABAJO  
E INMIGRACIÓN



Subdirección General de Gestión del Patrimonio,  
Expendidos y Otros  
Oficina Técnica y de Supervisión de Proyectos

D. ANTONIO MARTÍNEZ ARRIBAS, Jefe de la Oficina de Supervisión de Proyectos de la **Tesorería General de la Seguridad Social**. (Ministerio de Trabajo e Inmigración).

#### CERTIFICA

Que D. Ernesto Abdón Rodríguez Sánchez, Arquitecto, con nº de colegiado 9.419, en calidad de Director de la empresa **Sistemas Generales de Arquitectura y Urbanismo, S.L.P.**, es coautor y asesor en la dirección de obra del "Proyecto Básico y de Ejecución, así como la dirección y control de las obras de Adaptación y Rehabilitación del edificio sede de la Dirección Provincial de la Tesorería de la Seguridad Social en PALMA DE MALLORCA", adjudicado a PROINTEC por la Tesorería General de la Seguridad Social con fecha 23 de junio de 2001, por un importe de honorarios de 982.598,42 €.

Y para que conste, a petición del interesado, se expide la presente en Madrid a 1 de marzo de 2010.



MINISTERIO  
DE TRABAJO  
E INMIGRACIÓN



Subdirección General de Gestión del Patrimonio,  
Expendidos y Otros  
Oficina Técnica y de Supervisión de Proyectos

D. ANTONIO MARTÍNEZ ARRIBAS, Jefe de la Oficina de Supervisión de Proyectos de la **Tesorería General de la Seguridad Social**. (Ministerio de Trabajo e Inmigración).

#### CERTIFICA

Que D. Ernesto Abdón Rodríguez Sánchez, Arquitecto, con nº de colegiado 9.419, en calidad de Director de la empresa **Sistemas Generales de Arquitectura y Urbanismo, S.L.P.**, es coautor y asesor en la dirección de obra del "Proyecto Básico y de Ejecución, así como la dirección y control de las obras de Construcción de un edificio para sede de las Direcciones Provinciales de la Tesorería General de la Seguridad Social y del Instituto Nacional de la Seguridad Social en TERUEL", adjudicado a PROINTEC por la Tesorería General de la Seguridad Social con fecha 27 de junio de 2002, por un importe de honorarios de 664.745,00 €.

Y para que conste, a petición del interesado, se expide la presente en Madrid a 1 de marzo de 2010.







MINISTERIO  
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Subdirección General de Gestión del Patrimonio,  
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Oficina Técnica y de Supervisión de Proyectos

D. ANTONIO MARTÍNEZ ARRIBAS, Jefe de la Oficina de Supervisión de Proyectos de la **Tesorería General de la Seguridad Social**. (Ministerio de Trabajo e Inmigración).

#### CERTIFICA

Que D. Ernesto Abdón Rodríguez Sánchez, Arquitecto, con nº de colegiado 9.419, en calidad de Director de la empresa **Sistemas Generales de Arquitectura y Urbanismo, S.L.P.**, es coautor y asesor en la dirección de obra del "Proyecto y Dirección de las obras de adaptación y rehabilitación de un edificio anexo a la sede de la Dirección Provincial de la Tesorería General de la Seguridad Social en TOLEDO", adjudicado a **GEOPRIN (Grupo PROINTEC)** por la Tesorería General de la Seguridad Social con fecha 5 de marzo de 2002, por un importe de honorarios de 158.616,13 €.

Y para que conste, a petición del interesado, se expide la presente en Madrid a 1 de marzo de 2010.



MINISTERIO  
DE TRABAJO  
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Subdirección General de Gestión del Patrimonio,  
Inversiones y Otras  
Oficina Técnica y de Supervisión de Proyectos

D. ANTONIO MARTÍNEZ ARRIBAS, Jefe de la Oficina de Supervisión de Proyectos de la **Tesorería General de la Seguridad Social**. (Ministerio de Trabajo e Inmigración).

#### CERTIFICA

Que D. Ernesto Abdón Rodríguez Sánchez, Arquitecto, con Nº de colegiado 9419, ha sido coautor del proyecto del nuevo edificio que la **Tesorería General de la Seguridad Social** ha construido en Trujillo (Cáceres), adjudicado a **BOSLAN, Ingeniería Consultoría, S.A.**, con fecha 19 de Junio de 2.006 por **JOCA, Ingeniería y Construcción, S.A.**, por un importe de honorarios de **300.610,00 €** adjudicatario a su vez de la obra, por parte de la **Tesorería General de la Seguridad Social**.

Y para que conste, a petición del interesado, se expide el presente en Madrid a dieciséis de Marzo de dos mil diez.



MINISTERIO  
DE TRABAJO  
E INMIGRACIÓN



Subdirección General de Gestión del Patrimonio,  
Servicios y Otros  
Oficina Técnica y de Supervisión de Proyectos

D. ANTONIO MARTÍNEZ ARRIBAS, Jefe de la Oficina de Supervisión de Proyectos de la Tesorería General de la Seguridad Social. (Ministerio de Trabajo e Inmigración).

#### CERTIFICA

Que D. Ernesto Abdón Rodríguez Sánchez, Arquitecto, con Nº de colegiado 9419, en calidad de Director Técnico de la empresa **Sistemas Generales de Arquitectura y Urbanismo, S.L.P.**, es coautor y asesor, en la dirección de obra del "Proyecto básico y de ejecución así como dirección y control de las obras de construcción de un Inmueble para oficina Integral de la Seguridad Social en Calatayud (Zaragoza)", adjudicado a **BOSLAN, Ingeniería Consultoría, S.A.**, por un importe de honorarios de **338.984,47 €.**, con fecha 5 de Octubre de 2.004 por la Tesorería General de la Seguridad Social.

Y para que conste, a petición del interesado, se expide el presente en Madrid a dieciséis de marzo de dos mil diez.

