



INFORMA

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The Salamanca City Council awards FCC a waste collection and street cleaning contract. Page 22



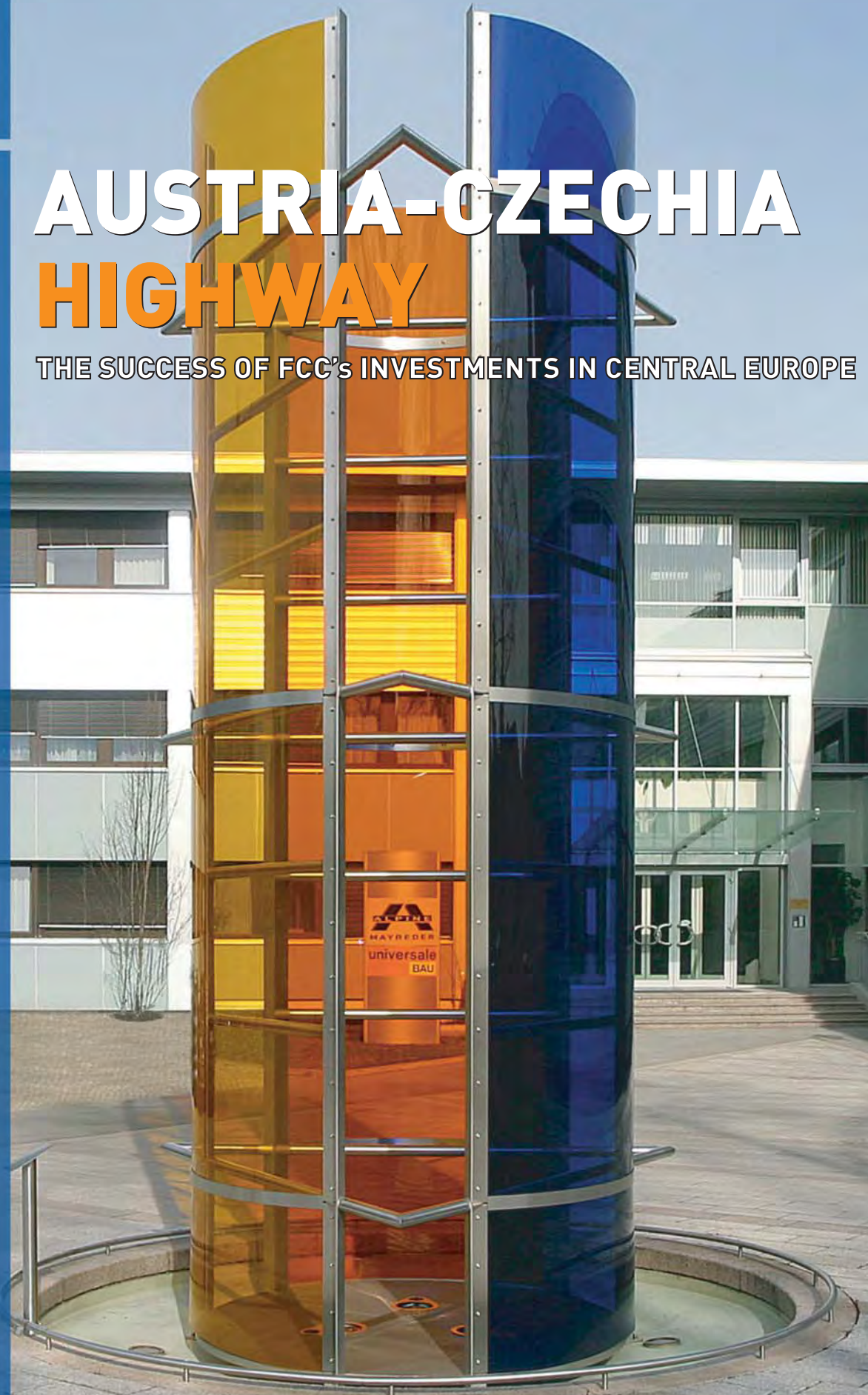
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AUSTRIA-CZECHIA HIGHWAY

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FCC honours senior employees with 40 and 25 years in the Company

The FCC Group paid homage to those employees who have been with the company for 40 and 25 years in a ceremony held at Madrid's Convention Palace.

In connection with the Christmas event held every year for FCC employees, the company organized a ceremony to hand out the loyalty awards as a recognition of the professional careers of employees who have worked at the company for 40 and for 25 years.

The ceremony was presided by the company's major shareholder, Esther Koplowitz, who was accompanied by the CEO, Marcelino Oreja, and Rafael Montes, the managing director.

At the company since 1966

Unlike other occasions, this year's event was dedicated to those who have been with the company for over 40 years, those who have demonstrated their dedication to the company since 1966 and who also collaborated in this event.

The first speaker was Rafael Montes, who remembered FCC's business successes over the past few years, particularly in 2006 thanks to the implementation of the Strategic Program promoted by the company's major shareholder.

"I began to work ..." Those were the first words spoken by all who were honoured at the ceremony, as they described their professional careers in a video shown at the Convention Hall. These employees also mentioned the enormous changes that have taken place at the company over these many years and the sense of security they have always felt as members of this large group.

Marcelino Oreja gave the closing speech, thanking all those who received the awards for their professional careers. He also expressed his appreciation for the constant efforts undertaken by Esther Koplowitz for the benefit of FCC and all of its employees.



The Esther Koplowitz Foundation honoured for its social commitment

The Adecco Foundation extended an award to the Esther Koplowitz Foundation for its efforts on behalf of the most disadvantaged ones. Emilio Zurutuza, the Chairman of the Adecco Foundation, handed Esther Koplowitz the prize as recognition of the work carried out by the foundation named after her.

The objective of this award is to recognise the measures and initiatives implemented by the foundation, particularly among the elder, disadvantaged, handicapped, and specially for the contribution made in building, furnishing, and donating three homes to the respective administrations of Madrid, Barcelona, and Valencia.

Giving this award to Esther Koplowitz is quite significant for the Adecco Foundation since she was a member of its original

board of directors and participated in its launching and incorporation.

Aid for the disadvantaged

To date, the Esther Koplowitz Foundation, funded exclusively by Esther Koplowitz, its founder and chairwoman, has spent 62 million euros on numerous aid projects for the needy as well as in research.

Two projects, currently in the planning stage, are pending the donation by the Madrid and Valencia autonomous regions of land for building two homes for senior citizens who suffer physical or mental disabilities. These projects will involve an investment of 13.5 million euros. The Foundation has also purchased the Da Vinci robot, worth one million euros, for the Madrid Clinical Hospital.



The Esther Koplowitz Foundation's new website is www.fundacionestherkoplowitz.org

The awards

On 23 January 2004, the Royal Academy of History, conferred the Academy's gold medal to Esther Koplowitz for her sponsorship of scientific books dwelling on history. At the end of that year, she was honoured with the Mont-Blanc award as the best executive of the year for her professional career, her management acumen, and the social work carried out by her foundation.

On January 2005, the General Director of the Civil Guard, Carlos Gómez Arruche, honoured Esther Koplowitz with the Silver Medal for her work as the chairman and sponsor of the foundation named after her thanks to the support and cooperation provided by her foundation to the Association of Civil Guard Orphans. In the same month, Joan Clos, the then Mayor of Barcelona, gave her the city's coat of arms in recognition of her foundation's contribution to social causes.



CONSTRUCTION



Germany

Czech Republic

PRAGUE

NUREMBERG

MUNICH

SALZBURG

Austria

VIENNA

Italy

TRIESTE

LJUBLJANA

Slovenia

Croatia

BRNO

A5

SCHRICK

BRATISLAVA

S1

EIBESBRUNN

S2

A22

S1

Hungary

FCC wins the largest-ever public infrastructure contract awarded in Austria

FCC won the largest-ever construction project awarded by the Austrian Highway Financing Company (ASFINAG). It is the first toll road concession in Austria and it will require an investment of 945 million euros.

A consortium headed by Alpine Mayreder, FCC's Austrian subsidiary, has been awarded Austria's largest-ever public tender, to design, build, finance and operate (DBFO) for a period of 30 years Austria's first toll road concession.

The project represents an investment of approximately 945 million euro and will be financed privately in its entirety. Approximately 800 million euro will be provided by a number of banks, including 350 million euro from the European Investment Bank. Deutsche Bank advised on structuring the finance.

The project is a Y-shaped toll road 51 kilometres long; it includes building a first partial section of the A5 from Vienna towards the Czech Republic, between Eibesbrunn and Schrick, as well as extending Vienna's north-east ring road, from which the S1 and S2 high-speed roads branch out.

Construction will take three years and the road will have two lanes each way on the ring road and three lanes each way on the toll roads.

The project includes 14 junctions, 98 concrete structures, a tunnel measuring almost two kilometres in length, and two sections of cut-and-cover tunnel.

Alpine Mayreder Bau

The Alpine Group operates worldwide in construction and industrial services. With projected revenues of approximately 2.2 billion euro in 2006 and a total staff of 9,000, Alpine is Austria's second-largest construction company. Civil engineering



The project involves the construction of the first partial section of the A5 from Vienna towards the Czech Republic, between Eibesbrunn and Schrick, as well as extending Vienna's north-east ring road, from which the S1 and S2 high-speed roads branch out.

The first highway concession in Austria

accounts for 47% of revenues, building for 35%, industrial services (Alpine Energy) for 9%, and the other 9% comes from other services. By markets, Austria and Germany together provide 73% of revenues, Eastern Europe provides 25%, and 2% is obtained on other continents.

In construction, Alpine is a leading specialist in underground work, including the new Saint Gotthard tunnel through the Alps (over 50 km. long) and the extension of Singapore Metro. Alpine also built the Allianz Arena in Munich, a site of the recent World Cup.

Founded in 1965, Alpine began to expand rapidly in the 1990s by acquiring companies such as Kapsreiter, Mayreder and Ferro-Betonit. In 2001, it acquired Universale to complete the Alpine Mayreder Bau group in its current configuration. These acquisitions were financed out of the company's cash flow.

The group's construction business has more than doubled in size over the last six years. In July 2006, FCC acquired an 80.7% stake in Alpine Mayreder Bau as part of the strategic plan launched in April 2005 by FCC's main shareholder, Esther



In the area of industrial services, Alpine Energy provides installation and maintenance services for transportation networks, substations, installations and civil work for energy and communications. It is particularly active in Central and Eastern Europe.

The company also operates quarries, aggregate plants and test laboratories, manages sports and recreation centres, and provides communications systems and overhead lines. It also maintains wastewater treatment plants and manages hospitals.

Total investment is 945 million euros

Koplowitz, which aims to double revenues and EBITDA within three years and generate 35% of total revenues in other countries.

The integration of Alpine in the FCC Group complements other previous acquisitions in Austria (ASA) and the Czech Republic (SmVAK), thereby strengthening its positioning for its development in the Central and Eastern European markets.

The president of Castilla-La Mancha inaugurates a school in Azuqueca de Henares

The ceremony marking the official inauguration of the La Paloma Public School in Azuqueca de Henares (Guadalajara) took place on 10 November. The President of the Castilla-La Mancha autonomous community, José María Barreda; the Secretary of Education and Science, José Valverde, the regional representative of the Ministry of Education and Science, María Ángeles García, and representatives of the Azuqueca de Henares City Council attended the event.

Four main sections used for kindergarten and primary education classrooms, a gymnasium, and dining facilities

The new school, with 5,084 square metres of floor space, is divided into four main sections: kindergarten and primary education, a gymnasium, and dining hall. The classrooms used for primary education are situated around a central courtyard while the kindergarten area is in a one-floor area facing south and has several facilities and playgrounds.

There are four other public kindergarten and primary schools in this town which, together with this new school, aim to meet the schooling needs resulting from the demographic growth experienced in Azuqueca.

The Casas Ibáñez Health Centre in Albacete opens to the public

José María Barreda, the President of the Castilla-La Mancha Autonomous Community, on 17 November inaugurated the Casa Ibáñez Health Centre, Albacete.

3,619 m² of floor-space

The Secretary of Health, Roberto Sabrido, the provincial representative of the Albacete Health Department, María Ángeles López Fuster, and the Mayor of Casas Ibáñez, Gregorio López, were also present at the event.

The 3,619 metre square building has an emergency, rehabilitation, x-ray, dentistry, general medicine, and paediatrics areas, as well an administration and educational area and an operating room for minor surgical procedures.

The new centre will provide healthcare to a population of nearly 12,000.

Situated at the town's entry, the building is integrated in the landscape. The west side is next to the bullring and the N-322 highway is on the southern side.



José María Barreda, the President of Castilla-La Mancha, at the inauguration of the La Paloma Public School in Azuqueca de Henares, Guadalajara.



Main entrance of the Healthcare centre. Above, the President of Castilla-La Mancha during his visit to inaugurate the facilities in Casas Ibáñez, Albacete.



The Las Arenas Spa-Hotel, on the waterfront, is the only 5-star Grand Luxury Hotel in the Valencia autonomous community.

Awards ceremony for the Promotion of Quality and Promotion of Innovation Prizes 2006

The FCC Construcción Sustainability Committee awarded the Promotion of Quality to the Project par Excellence of the Year and the Promotion of Innovation 2006 Prizes in an event held at Torre Picasso on 19 December.

In the building category, the prizes went to the Las Arenas Spa-Hotel (Valencia) and to the Inter-modal Zaragoza-Delicias Railway Station. Representatives from the divisions responsible for these two projects were given a plaque specifically designed by José Luis Sánchez, a sculptor from Castilla-La Mancha considered one of the best Spanish contemporary artists.

The Innovation Prize, worth 600,000 euros, was awarded to the Navia stretch of the Cantábrico Highway for its light-filled viaducts made of pre-fabricated concrete sections.

José Mayor Oreja, the CEO of FCC Construcción, congratulated the teams involved in the projects, which were carried out in compliance with the main objectives of FCC's quality policy.

The official ceremony ended with the FCC Construcción Honorary Project Manager

Award, which went to Carlos Puertas del Río, who has been with the company for over twenty-five years and was the creator of the company's Quality System, the forerunner of the Social Responsibility culture and the Group's current Management and Sustainability System.

Las Arenas Spa-Hotel (Valencia)

The Las Arenas Spa-Hotel, owned by H. Santos S.D.L., is situated in the rapidly growing residential area near the new seafront promenade and the harbour facilities, revamped for the 2007 America's Cup.

H. Santos S.D.L. commissioned Nebot, Alfaro y Amorrortu, the architecture firm, which was in charge of the design and reconstruction of the building, the first step taken in revamping the seafront promenade in Valencia.

The Promotion of Quality Award was created in 1995 by FCC Construcción's management team

This Grand Luxury five-star hotel, which has 250 rooms plus several multi-functional halls accommodating up to 3,000 people, a spa, swimming pools, and landscaped gardens, is one of city's landmarks.

The complex is divided into four separate areas. One of these, the hotel area, comprises

three adjacent 9-floor modules forming a U; an events area consisting of two, rectangular-shaped twin buildings each with four floors; the sports and spa area, comprising a main building with four levels, and over 20,000 m² of landscaped gardens in which 90% of the pre-existing trees remain in place.

The revamping of the former spa, designed in the 1930s by the famous architect Gutiérrez Soto, maintains most of the original spaces. A new pavilion replacing the one destroyed during the Spanish Civil War has been added.

Inter-Modal Railway Station

The construction of the high-speed Madrid-Zaragoza-French Border Line made it necessary to enlarge the railway facilities in Zaragoza to adapt the width of the national railway to the international width that will be used in the future and increase capacity in order to be able to handle the expected increase in traffic.

A new station was built on the grounds of the former Delicias station in the city of Zaragoza, abandoning the former facilities in the Portillo district.

The new Zaragoza-Delicias Inter-Modal station will be used for transit and will integrate long-haul as well as short-haul train rides.

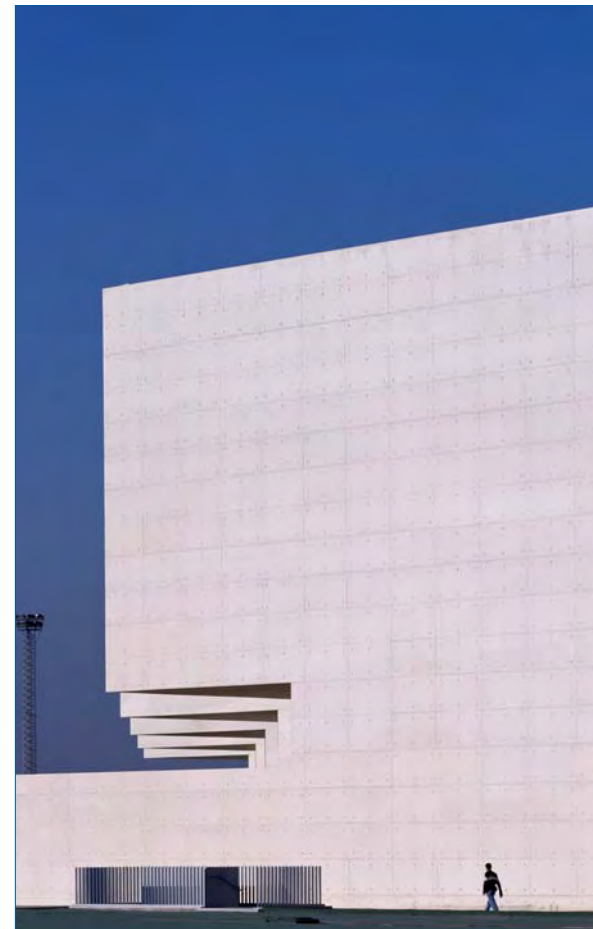
It consists of several elements: transfer, parking facilities in the north and south end of the station, emergency and communication galleries, the departure area and east building, the arrival area and west building, a bus station, hotel, business centre, east and west transversal roads, railway platforms, and secondary elements.

Navia road

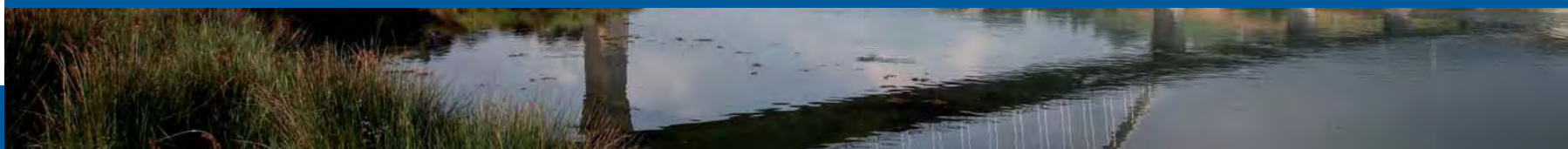
With regard to the Navia-Coaña road in Asturias, winner of the Innovation Prize, it was built using an innovative system consisting of bridges made with prefabricated sections. Thanks to this system, the company enjoys a privileged positioning in the bridge construction segment and is the only one in Spain able to build double-lane concrete bridges in an industrialised fashion.

The system was initially designed for viaducts with 75 metres of light, and now, thanks to the introduction of exterior pre-stressed concrete, this has increased to 80 metres, and to 106 metres by using variable edges.

The Navia River viaduct was built by adapting the system and executing 160 metre wide spans. Although this has made it possible to build the bridges with twice the amount of light in comparison with the original system design, several changes were introduced, achieving a unique solution in Spain.



From top to bottom: the main entrance and architectural detail of the Zaragoza-Delicias Inter-Modal Station. Detail of the Navia stretch of the Cantábrico Highway.





FCC builds the new Real Murcia soccer team stadium and its Commercial Centre

Nueva Condomina, the new stadium for the Spanish soccer team, Real Murcia, was inaugurated on 11 October. Miguel Ángel Cámara, the Mayor of Murcia; Fernando de la Cierva, Counsellor to the Presidency of the Murcia Autonomous Community, and the President of the soccer team, Jesús Samper, presided over the inauguration ceremony.

Built by FCC, the stadium meets all Spanish Soccer Federation, FIFA and UEFA requirements for holding international games. Accommodating more than 33,000 spectators, the stadium has covered and uncovered stands. It also has an attached convention hall and underground parking facilities. In addition to construction, the Company was responsible for the electrical, control, and broadcasting equipment installation, the transformation centre, air conditioning, plumbing, as well as fire detection and extinguishing equipment.

The New Condomina Commercial Centre

The stadium is part of a huge urban development project in Murcia, which includes the new Nueva Condomina Commercial Centre, as well

as a housing development with several golf courses. On 19 September, over 2,000 people attended the official inauguration of the complex in which FCC Construcción was responsible for building the foundations and structure. Ramón Luis Valcárcel, the President of the Murcia Autonomous Community, presided over this event.

The project involved the construction of a spectacular commercial centre, the largest and most modern in the entire region. With 66,900 m² of floor space, the complex has two floors that are divided into sixteen blocks separated by structural joints.

FCC also built the 11,200 m² hypermarket adjacent to the shopping centre. This building is broken down into four independent blocks.

The project also includes a parking facility of more than 40,000 m² divided into two levels. The foundations in several areas were built using baffles and piles, while in others it was executed using pillars and reinforced concrete beams and with pre-stressed honeycombed sections and solid tiles.

Technical Team

Head of Project:
Christian Seitl Bengoa

Department Manager:
José Martínez Salazar

Production Manager:
Miguel Valero
Bernardo Blanco



Nueva Condomina Stadium.



Aerial view of the Commercial Centre.

Technical Team

Department Manager:
Alfonso Mascagni Clemente

Head of Project:
Antonio Marín Angosto

Head of the Technical Office:
Luis Nogueira de la Luna

The government of the Balearic Islands grants FCC the Son Dureta Hospital project

FCC won the project put out to tender by the Balearic Islands Health Service for the construction, operations, and maintenance of the new Son Dureta Hospital.

A joint venture, participated by FCC and other companies in the sector, will be in charge of building the Son Dureta II Hospital after obtaining the highest rating by the Balearic Island authorities. The cost of the new hospital centre is 645 million euros.

FCC will also have a 30-year concession for managing all non-medical hospital services.

With 193,088 m² of floor space, the Son Dureta hospital will have an inpatient building with 987 beds, a building for diagnosis and treatment made up of 11 blocks, and an industrial building, a building housing research facilities, and two parking lots. FCC will also be responsible for furnishing the hospital as well as installing equipment in rooms and offices.

The contract is worth 635 million euros

According to Aina Castillo, the Secretary of Health and Consumption of the Balearic Islands, this is the largest-ever contract awarded in the private healthcare segment.

The maximum period for building the hospital is 42 months, although FCC plans to complete it in 30 months, one year less than stipulated by the local administration.

Enlargement of the Rafael Méndez Hospital in Lorca

FCC Construcción invested nearly 20 million euro in the enlargement and revamping project at the Rafael Méndez Hospital in Lorca, Murcia.

The project mainly involved the construction of a new inpatient hospital unit for 22 beds and the revamping of five existing units, as well as a separate building for outpatient services, and a 14-room residence for hospital staff. It also has a new emergency unit, a day hospital, and a surgery room.

The psychiatric, dialysis, rehabilitation, allergy treatment, and pathological anatomy units were also enlarged. The entire hospital complex was equipped with the most modern equipment and accessories all of which meet the most stringent standards defined by the General Health Department.

Of the total 16,618 m², 5,162 m² involved the revamping of existing facilities, while the enlargement project totalled 11,456 m².



The new hospital complex includes an inpatient building with 987 beds, a building for diagnosis and treatment consisting of 11 blocks, an industrial building, a building for research activities, and two parking facilities.



General view of the Rafael Méndez Hospital in Lorca, Murcia, which has 16,618 m² of floor space.

Technical Team

Department and Project Manager:
Miguel González León

Production Manager:
Carlos Javier Martínez Torres

Head of Installations:
César Lobato Ballester

Supervisors:
Jesús Cano Moreno
Francisco Navarro Warren

FCC actively participates in the National Environmental Congress

FCC sponsored the National Environmental Congress, held in Madrid on the week of 27 November to 1 December, and participated in several technical seminars, round table discussions, and working groups.

On 27 November, Esperanza Aguirre, the president of the Madrid Autonomous Community, and Cristina Narbona, the Minister of the Environment, inaugurated the 8th edition of the National Environmental Congress.

General of FCC Group; and the Managing Director of FCC Construcción, Francisco García, who welcomed and thanked all for their attendance. José Mayor stressed that the construction sector had been one of the most

Dynamic Session: “Improving the Present” organized by FCC

On the table, from left to right: José Mayor, President of FCC Construcción; Antonio Serrano, Secretary General of the Ministry of the Environment's Territory and Biodiversity Department; Felipe García, Secretary General of the FCC Group; and Francisco García, Managing Director of FCC Construcción.

The FCC Group was actively involved in this convention, speaking on several topics. It was particularly relevant the dynamic discussion held in the Berlin Hall of the Municipal Convention Centre on 28 November, entitled “Improving the present”.

Antonio Serrano, the Secretary General of the Territorial and Biodiversity Department of the

active in implementing a responsible economic, social, and environmental management policy. With respect to the FCC Group, he said that the company's objective was to “have the same identity and the same corporate social responsibility values in all the organizations and in the 36 countries where it operates worldwide”. Felipe García, the Secretary General of the FCC Group, mentioned that



Ministry of the Environment, presided the opening ceremony. He gave a speech entitled “Sustainable development means welfare for the citizens”, discussing the A.G.U.A. Program in detail.

He was accompanied by José Mayor, President of the FCC Group; Felipe García, Secretary

FCC Construcción had been the first Spanish company to publish a sustainability report in accordance with the new standard G3 of the Global Reporting Initiative.

José Luis Díaz Gil, a professor at the Universidad de Cantabria, acted as moderator in the following session: “The Environment and

Water". He spoke on the lack of integration of environmental policies and the limited participation of stakeholders in this respect. Antonio Burgueño, the Manager of Environmental Services at FCC Construcción, and Manuel Melgar, the Corporate Managing Director of Portland Valderrivas, also participated in the seminar. Mr. Burgueño delivered a speech entitled "Evaluating Environmental Performance", stressing the importance of having clear measurement criteria rather than simply an accumulation of non-essential data, and mentioned the positive impact derived from the responsible use of water at work sites. Manuel Melgar focused on environmental restoration work being carried out at the El Porcal gravel pits in the Madrid Autonomous Community. The goal of this initiative is to mitigate the visual impact of this activity by encouraging the local flora and fauna and protecting the vicinity areas while operations are being carried out to prevent having an impact on the natural surroundings.

The theme of the third round-table discussion, moderated by Avelino Acero, the Manager of Zone IX of FCC Construcción, was "Transformation at the M30". Pilar Martínez, Secretary of the Urban Development, Housing and Infrastructure Department of the Madrid City Council, and Manuel Arnáiz, Managing Director of this Department's Infrastructure Division, also participated in this discussion, and gave details

"The role of women in construction and service companies"

on the environmental improvement achieved thanks to the work being carried out in the new M30 beltway, which is particularly beneficial for the city of Madrid.

Elisenda Malaret, the President of the Congressional Public Administration Commission, was the first speaker at the last session, which went under the heading of "The role of women in construction and service companies". The policies that the Administration is currently implementing were the highlight of



FCC's stand at the National Environmental Congress (CONAMA), where the company displayed its main projects.



From left to right: Mariano Zabía Lasala, the Secretary for the Environment and Territorial Department of the Madrid Autonomous Community; Cristina Narbona, Minister of the Environment; José Mayor, President of FCC Construcción; Felipe García, Secretary General of the FCC Group; and Francisco García, Managing Director of FCC Construcción.



The inaugural plenary session was presided by Cristina Narbona, Minister of the Environment; Esperanza Aguirre, President of the Madrid Autonomous Community; the President of the Spanish Federation of Municipalities and Provinces, Heliodoro Gallego; Carlos Carnicer, the President of the Professional Union; and Gonzalo Echagüe, President of the CONAMA Foundation.

the speech given by Mrs. Malaret, one of the strongest proponents of sexual equality in the workplace. In this respect, she discussed the social aspects of the Contract Law Project for the public sector, the Law on Equality and Gender Diversity, which are part of the Unified Good Governance Code.

The following speaker was Alicia Revenga, Manager of the SEOPAN Export Group who spoke, from a historical perspective, on the role

of women in the construction sector and on the Dulcinea project, which encouraged the participation of women in this sector. Cristina López Barranco, a lawyer at the FCC Group's Legal Department, who acted as the moderator of this session, gave the closing speech mentioning that, in order to eradicate inequality among men and women in the workforce, it was necessary to implement, as a priority, measures such as training and those relating to equal opportunities.

Companies' Role in a Globalised World

Amancio Fernández, Deputy-Director of the financial section of the newspaper ABC, acted as the moderator of this round table discussion held on 28 November. Those participating were the following, in this order: Nicolás Ardito Barleta, former Vice-president of the World Bank; José Mayor, President of FCC Construcción; Manuel López Cachero, President of AENOR; Juan Ernesto Pérez Moreno, aide to the President of ACS; Alejandra Polacci, Deputy Director of Madrid Excelente; Cristina García-Orcoyen, Managing Director of the Entorno Foundation; Rafael Fernández de Alarcón, Telefónica manager; and Luis González, member of Ecologistas en Acción.

In his speech, José Mayor discussed the initiatives undertaken by each FCC Group Company with respect to corporate social responsibility, highlighting economic, social, and environmental issues. He mentioned that the Group had been working for several years on these initiatives and had created value in all areas. With respect to the Group's presence in regions such as Central and Eastern Europe, and in America and their future role, he stated that the goal was to be part of all Corporate Responsibility indices, to pay attention to changes taking place, and to provide information on all initiatives that were undertaken.

The Valencia Autonomous Community entrusts FCC the guided-bus project in Castellón

The Department of Infrastructures and Transport of the Valencia Autonomous Community awarded FCC, in a joint venture with another company in the Sector, a contract for building the Universidad Jaime I-Parque Ribalta stretch of Phase I of the reserved public transport platform network in the city of Castellón.

The 2,037 metre long stretch will become one of the main means of transport from the east to the west part of the city, connecting Universidad Jaime I and Paseo Morella, through the inter-modal Renfe railway station, up to the Ribalta Park. The double-lane platform is 7 metres wide while the single lane is 3.5 metres wide. Five 25-metre long and 3 metre-wide stops are included in the project.

One of the most unique aspects of this project is a cable-stayed bridge over the Seco River. The bridge has two 90 and 15 metre spans and a pre-stressed concrete surface that is 26.30 metres wide, consisting of a central 8-metre wide lane for reserved road transport (TVR) separated by two lanes, each going one-way. Each side of the platform has a four-metre wide lane for bicycle traffic.

The project also includes revamping work and the integration of all the roads along the reserved transport platform as well as the construction of a large landscaped strip along Morella Avenue.



Above: a model of the project.
Below: the President of the Valencia Autonomous Community, Francisco Camps, during the official ceremony when the first stone was laid for the construction of a stretch of Phase I of the reserved public transport platforms in Castellón de la Plana.





The 1,971 metre long bridge, part of the Fourth Corridor (Dresden-Istanbul) will connect the cities of Vidin, Bulgaria, and Calafat, Romania.

FCC to build a bridge over the Danube linking Bulgaria and Romania

The Ministry of Transport of Bulgaria has awarded FCC a project for the construction of a new bridge over the River Danube that will connect the cities of Vidin, Bulgaria, and Calafat, Romania. The budget amounts to 116 million euros.

The tender process lasted two years. Out of the 15 groups who initially submitted their bids, four consortiums, led by Vinci, Bouygues, Zublin and Hochtief, and FCC on its own, reached the final phase.

Stretching over 1,971 metres

The 1,971 metre long bridge, part of the Fourth Corridor (Dresden-Istanbul), was designed by the firm Fernández Casado, S.L. and FCC Construcción's Technical Services division.

The project is broken down into three stretches. The first one will connect the railroad from the Bulgarian side. The rail viaduct is a continuous 952 metre long deck of pre-

stressed concrete, with twenty-three spans each measuring 40 metres, and another span at the end 32 metres wide.

The second stretch goes over the non-navigable part of the river, from the bank on the Bulgarian side to an island in the middle. It consists of a 612 metre long continuous slab of pre-stressed concrete with seven 80 metre wide spans and a 52 metre wide buttressed span. The railway line that goes through this part digresses from the road through a separate structure.

The last stretch goes over the navigable part of the river, from the island to the Romanian bank. The main structure is an extradosed bridge consisting of a continuous deck of pre-stressed concrete with five spans, three 180 metre lights, one measuring 180 metres and another one 115 metres.

These two last sections of the future bridge over the river Danube will handle road as well as railway traffic.

Work begins on the new Cáceres-Badajoz road

On 3 November, the first stone was laid in the project for creating a second gateway to Badajoz through the Cáceres highway. Juan Carlos Rodríguez Ibarra, President of the Extremadura Autonomous Community, Luis Millán Vázquez de Miguel, the Secretary of Infrastructures and Technological Development, and Miguel Ángel Celdrán Matute, the Mayor of Badajoz, attended the ceremony. The budget for this project is more than 20 million euros.

The project design contemplates the construction of a second 5.5 km long stretch of the EX100 road from Cáceres to Badajoz at the entrance of Badajoz, between the existing road and the

junction with the EX100 highway. It also includes the enlargement of the railway overpass, a new viaduct over the Gévora River on the left lane, and an underpass at the junction with the EX-110.

Six traffic circles will be built along the road to make it easier to access the roads crossing the EX110. The two existing junctions will also be revamped. The roads branching out from the right will suffer minor changes while those connecting to the left side will be adapted to the new stretch of the road. The other junction, at the intersection of the EX100 and EX110 roads will be a new one, to be built to replace the existing one.



The current section of the road where the project is to commence. Above, Juan Carlos Rodríguez Ibarra, President of the Extremadura Autonomous Community, lays the first stone for the new access road to Badajoz from the Cáceres road.

Megaplas wins Fiat award

Megaplas, an FCC Group company engaging in corporate image implementation won the Qualitas prize that the Fiat Group awards every year to the suppliers who stand out for the excellent service that they provide and for the development and the quality of the products that meet the group's requirements.

José Antonio Martínez, Managing Director of Megaplas, received the prize from Alfredo Taffuri, the Italian Company's Procurement Manager. Stefan Ketter, head of Fiat Auto production was also present in this event. This is the first time that this automobile manufacturer gives a prize of these characteristics to a corporate image provider.



José Antonio Martínez, Managing Director of Megaplas, received the prize from Alfredo Taffuri, the Italian Company's Procurement Manager.

The Company operates within Europe through its centres in Madrid, Turin, and Paris

In order to meet the needs of its clients in Italy, Megaplas introduced an innovative vacuum metalising technology that projects vaporised metal particles that create a transparency effect when signs are illuminated.

Megaplas has been a trailblazer in this new technology and the first manufacture to integrate this process, developed internally based on its own know-how.



The President of the Andalusian Autonomous Community, Manuel Chaves, inaugurates the stretch of the highway between the west junction at Mancha Real and the Northeast road in northern Jaén. Below, the 675 metre long viaduct over the Guadalbullón River valley.

The Intermediate Diagonal road in Jaén opens to traffic

Manuel Chaves, the President of the Andalusian Autonomous Community, inaugurated a highway stretch between Mancha Real western junction and the Northeast Road in Jaén, part of the diagonal Úbeda-Jaén-Lucena-Estepa road. The project was worth an investment of 51 million euros.

This new road will ease traffic conditions for the 13,000 vehicles travelling each day between

The road includes a section of the highway with two lanes each seven metres wide in each direction, 2.5 metre wide external shoulders, and 1 metre wide internal shoulders.

Three overpasses were built along the stretch of the road as well as ten underpasses replacing some roads, cattle crossings, and the North junction and 37 transversal drainage works to enable animals to cross the road.



Technical Team

Joint-venture Manager:
Juan Diego Romero Martínez

Head of Project:
Fernando Lozano Ruiz

Head of the Technical Office:
José María Gómez Fuster

Head of Production:
Justo García Viso
Guillermo de Fuentes Maroto

Mancha Real and Jaén. Stretching over nine kilometres, the entire road is in Jaén's municipal boundaries. Its design had to take into considerations the particular conditions along the road, such as livestock farms, pools of water, archaeological sites, a planned urban development, mines, several existing buildings, and three cattle crossings.

A 675 metre long viaduct was built over the valley of the Guadalbullón River, adapted along its entire length to the geometric conditions of the highway. This was achieved thanks to a curved platform and a variable longitudinal slope. This infrastructure is the most unique aspect of this highway and has a minimum impact on the surroundings.

FCC has built the El Corte Inglés department store in northern Portugal

The first El Corte Inglés department store in northern Portugal opens to the public. Built by FCC, the commercial complex features the most modern facilities and wide spaces.

El Corte Inglés opened its first large department store in Portugal, in Vila Nova de Gaia, close to Oporto. This new department store was inaugurated by Manuel Antonio Gomes de Almeida de Pinho, the Portuguese Minister of the Economy, and Luis Felipe Meneses, the city's Mayor. This centre will provide services to a population of one and a half million. It was built by FCC through a joint venture participated by Ramalho Rosa Cobetar, an FCC subsidiary in Portugal, and a local Portuguese construction company.

Built in a 10,000-m² plot, the store has 120,000 m² of floor space divided into eight commercial floors and five basement levels for parking facilities with 700 parking spaces.

The centre will provide services to one and a half million inhabitants

The consortium involved in this project was in charge of all water installations such as the fire-extinguishing network, water supply, and waste and rainwater drainage. Another consortium, participated by Espelsa, the FCC Group Company specialising in electrical installations, was responsible for most of these installations. All work was coordinated with the public entities involved in the project, El Corte Inglés management, and FCC.

FCC also rebuilt the road network around the building and carried out other projects involving access to the city, particularly the structure at the square on top of the interconnection junction with the A29 and with the light metro station in Oporto's metropolitan area, which is in front of the building and provides access to the first floor of the commercial centre.

Building structure

Six tower cranes were used in building the structure. Due to the lack of space, these cranes had to be assembled at the work site. After the work was completed, the cranes were dismantled and construction began in the part of the structure where the cranes were situated using mobile cranes. The structure is made of concrete slabs, without any visible pillars, except for the panoramic elevator consisting of a metal structure surrounded by glass.



Technical Team

Joint Venture Managers
Jorge Oliveira
Pedro Carneiro Chaves

Head of Project:
Tiago Silva



Built on a 10,000-m² plot, the building has 120,000 m² of floor space divided into eight commercial floors and five basements.

SERVICES



The Salamanca City Council awards FCC a waste collection and street cleaning contract

FCC Environment wins another 12-year, 186 million euro sanitation contract in Salamanca. The company has been engaging in this activity in the province capital since 1972.

The Salamanca City Hall Plenary Session agreed today to award FCC with the city cleaning and refuse collection services for the next 12 years. The amount of this contract amounts to 186 million euros.

Three companies put in tenders for the contest announced by the City Hall. The FCC offer obtained 97.6 points in the municipal technical services report, whereas the second company achieved 70 and the third 55.9.

To provide these services, FCC will have to invest 19 million euros in the construction of a new central yard and the purchasing of the vehicles needed to carry out the services.

A 15,500-m² machinery yard

The new machinery yard will have solar-powered hot water, combined with natural gas boilers, and a system to purify the water from the washing of vehicles for its later reuse.

The company will purchase 60 vehicles for cleaning the city's streets and 31 for waste collection, all of which will feature GPS locating systems.

The waste collection trucks will be driven by compressed natural gas (CNG) engines, far less contaminating and noisy than conventional engines, and will be fitted with a GPS system. A side-loading system will be installed in all surface containers, even the 41 units already installed in the city's central district.

One hundred islands of buried containers will be placed throughout the city, which will be picked up by means of the back-loading system.



One of the vehicles used for cleaning the streets of Salamanca.

In Salamanca since 1972

FCC began these urban cleaning activities in 1911, with refuse collection in Barcelona, a service it still renders. It has been present in Salamanca from 1972 and since then has won successive contests called by the different corporations that have governed the City.

It carries out these activities (refuse collection and treatment, road cleaning, cleaning of buildings and maintenance of green spaces) in approximately 4,000 towns in Europe, Africa and America, where around 50 million people

live. In Spain alone, it is present in 3,420 towns, among which are a large number of provincial capitals, such as Albacete, Alicante, Ávila, Barcelona, Bilbao, Ceuta, Cuenca, Gerona, Jaén, Las Palmas, Madrid, Málaga, Melilla, Oviedo, Pamplona, Salamanca, San Sebastián, Segovia, Tarragona, Valencia, Valladolid and Vitoria.

This award, together with that recently achieved in Madrid, further strengthens FCC's leadership in these environmental activities in Spain. In 2005, these activities generated 1,880 million euros in revenues.

The contract will generate 186 million in revenues



One hundred islands of buried containers will be placed throughout the city, which will be picked up by means of the back-loading system.



The waste collection trucks will be driven by compressed natural gas (CNG) engines, far less contaminating and noisy than conventional engines, and will be fitted with a GPS system.



FCC's presence in Castilla y León

FCC has a strong presence in the Castilla y León Autonomous Community, providing solid waste collection and street cleaning services in cities such as Ávila, Ponferrada, Salamanca, Segovia, and Valladolid. The company also operates in another 150 towns throughout this community, providing services to nearly one million inhabitants in this autonomous region.

Ámbito will manage industrial waste in Aragón over a 25-year period

Through its industrial waste division, FCC created a mixed-company with the Government of Aragón for the treatment of industrial waste.

In a public tender process, Aragón Regional General Council's Environment Department selected Atramed XXI, a company in which FCC holds a stake through Ámbito, its industrial waste division, as its private partner for creating a mixed company that will manage industrial waste treatment services over the next 25 years.

Over 35,000 tons of waste to be treated annually

The contract contemplates the construction and operations of a physical-chemical treatment plant in the Zaragoza municipal area, with capacity for the treatment of 35,000 tons/year of waste, mainly contaminated liquids, although it will also handle solid non-recyclable waste.

The design of this facility is very innovative thanks to the experience acquired by the FCC Group in facilities of this kind over more than 20 years. The design incorporates European Union BREF recommendations on waste treatment, using the best technologies currently available in the market to ensure comprehensive recycling of fractions, obtaining a final waste product that, pursuant to Royal Decree 1481/2001, is treated by means of a stabilisation-inerting process prior to its disposal.

Over 20 years' experience in this kind of facilities

All the treatment lines in these kind of facilities are closely interrelated. From the time waste arrives at the facilities until it leaves in the form of purified water, it is successively treated, extracting the numerous contaminant components until the purified water's quality is better than that required for its disposal.

Ámbito currently handles over 150,000 tons or waste of this type in six facilities in other parts of Spain that are similar to the one recently awarded.



Model of the physical-chemical treatment plant to be built in Zaragoza's municipal area.



FCC is the only Spanish group offering comprehensive water management services

Aqualia, FCC Group's subsidiary specialising in comprehensive water management, has taken yet another step in its strategy aimed to becoming a leader in the private water management market in Spain.

At present, Aqualia is the only company in the sector able to offer complete services for the comprehensive management of the entire water cycle. In keeping with its unique water management vision, Aqualia has completed a process aimed at diversifying its activities and offers solutions for all water uses: human, farm, and industrial consumption.

The “diversify to integrate” strategy has enabled the company to complete the circle in five areas: management of public water services; solutions for water use in industry; design and construction of water treatment plants; maintenance and operations of infrastructures for irrigation groups; and hydraulic infrastructure concessions.

In public water management services, the company operates in over 800 municipalities nationwide. It provides services to 13 million inhabitants and its activity is characterised by the excellent quality of the services it renders to its clients based on transparency and constant communication, and by the investments and support that it provides to those who have chosen the company for managing their water services.

Its most relevant references in this field are: Almería, Ávila, Alcoy, Algeciras, Alcalá de Henares, Badajoz, Denia, Jaén, Lleida, Mérida, Oviedo, Puerto de la Cruz, Salamanca, Talavera de la Reina, and Vigo.

Aqualia Industrial is the name that the Group has chosen for working in a sector as competitive as that of water for industrial use. The acquisition of companies such as Nilo Medioambiente, Chemipur, Graver, or Hidrotec, make it possible for Aqualia to offer global solutions to any company requiring the services of an expert: from turnkey projects to operation and

maintenance activities, and all types of industrial equipment and technology. In the industrial water segment, the company operates with all Spanish industrial sectors.

In the design and construction of wastewater treatment plants, Aqualia operates through its subsidiary Servicios y Procesos Ambientales (SPA), specialising in the design and construction of potable water, wastewater treatment, recycling, and desalination plants. The company has numerous clients, in Spain and abroad, in public administrations, local governments, and industries.

Maintenance and operations of infrastructures for irrigation unions is one of Aqualia's growing businesses, and several of these organizations have already placed their confidence on Aqualia.

Lastly, the activity that Aqualia carries out in hydraulic infrastructure concessions enables the company to come full circle as the only one providing solutions for all usages of water consumption.

Aqualia offers the following services

- Management** of public water services.
- Solutions** for the use of industrial water.
- Design** and construction of wastewater treatment plants.
- Maintenance** and operation of infrastructures for irrigation unions.
- Hydraulic** infrastructure concessions.

Aqualia wins first dam and reservoir management contracts

For the first time ever, the company will be operating several dams and reservoirs in the provinces of Albacete and Murcia. The contract is part of an ambitious Ministry of Environment program for these types of infrastructures.

The Water Department of the Ministry of the Environment and Aqualia, in a joint venture with another company, have entered into an agreement for the operation, maintenance, and conservation of the Camarillas, La Fuensanta, El Cenajo, Talave, EL Moro, La Cierva, Doña An, and Pliego dams and reservoirs in the provinces of Albacete and Murcia. This contract, under the administration of the Confederación Hidrográfica del Segura, is the first of its kind to be managed by Aqualia and is in keeping with an ambitious Ministry of Environment plan for these types of infrastructures.

The contract with the Confederación Hidrográfica del Segura is yet one step in a strategy that aims to increase Aqualia's operations with clients in the public sector other than local administrations.

Water Seminar in the Czech Republic

Aqualia participated for the first time in the seminar organized by SOVAK CR – an association similar to the Spanish Association of Water Supply and Sanitation (AEAS) – which was held in Podebrady in the Czech Republic. The theme of this seminar focused

mainly on issues affecting water distribution networks from the standpoint of economic efficiency. The company seized the occasion to present its management models to professionals in this sector in the Czech Republic.

Educational campaign to encourage awareness with respect to water

Aqualia participates and promotes educational projects in collaboration with schools and universities. For the first time, it has provided educational material to offer educational centres the possibility of developing an environmental program in accordance with the objectives established for primary schools.

This initiative was carried out in the city of Alcoy, Alicante, in collaboration with the Environment Department and the City Council. One thousand students in the third cycle of primary school in 12 schools will be participating in this initiative. 3000 educational notebooks will be distributed along with 60 didactic panels, with the course to be given by teachers specially trained for this purpose.

This project aims to increase awareness and foster values and attitudes for protecting and improving the environment. The selection of contents was based on guidelines issued by the Ministry of Education and Science with respect to environment. The objectives of Environmental Education as set out in the Tbilisi conference and the White Book on Environmental Education in Spain were also taken into account.



The Camarillas reservoir in Hellín, Albacete.



From left to right: Miroslav Kyncl, Managing Director of SmVaK; Francisco Jiménez, Director of Aqualia in Central and Eastern Europe; and Pedro del Campo, Aqualia's representative at SmVaK.



Some samples of the educational material distributed in the schools of Alcoy, Alicante.

Cemusa installs its first bus shelter in New York

The FCC, subsidiary, specialist in city furniture, starts to install city furniture in New York City, where it has a 20-year franchise.

New York's Mayor Michael R. Bloomberg presided over the event.



Cemusa, an FCC subsidiary which was awarded a 20-year franchise by New York City to install and exploit advertising on urban furniture, has installed the first of the 3,300 bus shelters that will dot the city, in a ceremony presided over by the City's Mayor, Michael R. Bloomberg.

This is the largest urban furniture advertising contract in the world, and bidders included the world's leading companies in the field of outdoor advertising and communication, such as Viacom, Clear Channel, Van Wagner with Verizon and JC Decaux with NBC-Universal.

in revenue for the city. The bus shelters, the first of which has been installed on Queens Boulevard at 82nd Avenue, have enhanced lighting and route information, which will benefit the 2.5 million people who use the city's mass transit systems every day.

Like all the site furniture in this franchise, the bus shelters have a simple, contemporary design that allows them to blend seamlessly into the varied streetscapes of New York City. The design, created exclusively for New York City by Grimshaw, features a stainless-steel portal



Over the 20 years of the concession, CEMUSA expects to bill 1.6 billion euro.

Mayor Bloomberg stated that "for years, New Yorkers have been waiting for new street furniture, and today, they will finally begin to see the results of this agreement," adding that the contract will generate more than 1 billion dollars

frame, extensive use of tempered glass, and an elegant glass roof that filters light onto the sidewalk.

The contract also involves installing 20 new automatic public toilets, replacing 330 newsstands and maintaining existing bus shelters, 600 of which have already been repaired.

Also wins billboard contract in Madrid

Madrid City Government has awarded a billboard advertising and marketing contract to a joint venture comprising Clear Channel and Cemusa (FCC). The contract is for ten years, with scope for an additional four years. Clear Channel and Cemusa will undertake the project through a 50:50 joint venture formed specifically for this purpose.

All the world's leading outdoor advertising companies bid for this contract.

The project involves installing, maintaining, marketing and exploiting advertising on billboards, road works, and municipal land and sports facilities.

Committed to using non-contaminating products

The billboards will provide Madrid with a new range of high-quality advertising media whose visual impact is lower than those currently in existence while offering a much more pleasant view due to the work of prestigious designers such as Tusquets and Giugiaro.

The joint venture is strongly committed to preserving the environment; it will use recycled and recyclable material (both for installation and maintenance, using non-polluting products) and implement measures to save energy and to minimise the furniture's environmental impact, in line with the Madrid City's bylaws on this issue.

Madrid City took an innovative step by awarding the contract to the Clear Channel-Cemusa joint venture, which will install digital advertising displays (a first for Spain, although they are already in use in several US cities and in London).

With this project, Madrid joins other capital cities of Europe in its concern for the environment and its bet on cutting-edge design.

Manages over 110,000 elements

Cemusa, an FCC Group subsidiary, is the leader in Spain's city furniture sector and operates in over 110 cities in 11 countries in Europe and America where it manages more than 110,000 elements such as bus shelters, toilets, newsstands, information panels, etc.



Some of the proposals submitted by the Cemusa and Clear Channel joint venture for billboards for the streets of Madrid.

Cemusa wins city furniture contract in Málaga

The contract contemplates the supply, installation, maintenance and advertising franchise in the city's furniture and fittings over an initial 15-year period.

Cemusa was awarded a contract put out to tender by the Málaga City Council for the supply, installation, maintenance, and advertising franchise in urban furniture for an initial 15-year period.

The contract is expected to generate 127 million euros in revenues.

Installation of the furniture is envisaged in two distinct phases. The first phase consists of installing 150 bus shelters in new locations, 300 bus-stop markers, and 10 toilets for bus drivers. The second phase, commencing in 2008, will involve refurbishing the 350 existing bus shelters and 350 advertising panels currently installed in Malaga.

As the majority partner in a joint venture with city-owned company PROMALAGA, CEMUSA has had the exclusive contract to exploit site furniture in the city of Málaga since 1989. The newly-awarded contract represents a continuation of the current contract, which expires in December 2007.

Cemusa will continue to provide Málaga citizens with the excellent level of upkeep and service attained to date; that is also visible in the city's news-stands, for which

Cemusa also has the exclusive advertising contract.

Capital of the Costa del Sol

With a population of 600,000, Málaga is the capital of the Costa del Sol and one of southern Europe's most important tourist and economic enclaves. Málaga ranks as Spain's fifth-largest city in terms of advertising expenditure, behind Madrid, Barcelona, Valencia and Seville.

The Málaga contract strengthens CEMUSA's dominant position in site furniture in the Andalusia, where it has a notable presence in cities such as Seville, Cádiz, Granada and Jerez de la Frontera.

Estimated revenues of 127 million euros



150 bus shelters, 300 bus stops, and 10 restrooms for bus drivers will be installed in addition to the refurbishment of 350 existing bus shelters and 350 advertising supports.

ANALYSIS

Full recycling of recoverable fractions at the physical-chemical plants

The purpose of physical-chemical plants is the complete recycling of particles arriving at the installation; always in accordance with the environmental specifications of the respective administration and all related E.U. recommendations (BREF on waste treatment).



Aurelio Blasco
General Manager of Industrial Waste

Through *Ámbito*, a brand created by the Industrial Waste Division and comprising all Group subsidiaries in this sector, FCC aims to offer its clients comprehensive solutions that meet industrial waste management requirements. The human team, constantly striving to find new solutions, has developed new management methods to enhance the procedures for treating different types of industrial waste.

best technologies in the market, these plants ensure comprehensive treatment of recoverable fractions, obtaining a final waste product that, in accordance with Royal Decree 1481/2001, undergoes a stabilisation-inerting process before its final disposal.

Liquids make up most of the waste product treated. These arrive at the installation after being selectively loaded and



above). This water is also used in the facilities thereby reducing the use of piped water for industrial uses.

If contamination is due to hydrocarbons or mineral oils, these are extracted for their recycling and then the remaining sludge in the water is treated by means of a hot centrifuge process. If contamination is the result of other activities, such as metal-mechanical, this would be mainly due to heavy metals and, in this case, these are precipitated and filtered and, then the sludge goes through an inerting process to remove all risks entailed in heavy metals.

In addition to liquid waste, non-recyclable solids are also treated to make these safe before they are finally disposed of. Reagents are added in order to achieve physical-chemical stability, thereby contributing to reducing the risk of having these contaminants escape since they remain encapsulated inside a solid matrix. Lastly, treated waste is sent to an authorised refuse site.

Ámbito currently handles more than 150,000 tons of these types of waste products in six installations with similar characteristics situated in different parts of Spain.

“Our facilities meet all EU recommendations”

One of the areas in which great research efforts have been carried out is in the design, construction, and operations of physical-chemical plants. These facilities have different treatment lines and are result of the FCC Group’s more than 20 years experience in these types of installations, with their design adapted to meet EU recommendations (BREF on waste treatment). Featuring the

transported on the road. These installations are closely interrelated. From the time it arrives until it leaves the facility, waste undergoes successive treatment processes. The different contaminants in waste products are extracted and, if possible, recovered. The quality of the water at the end of this treatment exceeds the levels required for dumping it into rivers (see outline

El Alto remains committed to the environment

Cementos Portland Valderrivas has introduced two major environmental upgrades in its El Alto factory in Morata de Tajuña (Madrid): revamping of the white cement line and a prediction model for controlling air quality.

The El Alto factory in Morata de Tajuña, Madrid, owned by Cementos Portland Valderrivas, is the largest cement production facility in Spain and the one that has made the largest environmental investments in all of Europe.

Cementos Portland Valderrivas, convinced of its responsibility, wagers on sustainable development. The objective of its strategy does not focus solely on financial returns but also on monitoring the impact that its activities could have on the surroundings, particularly on people and on the environment.

To this end, the company drafted and executed an investment plan for this factory. The modifications introduced in the white cement line and the prediction model designed for monitoring air quality were among the milestones in 2006.

The upgrades in the white cement line focused on several objectives: increasing production to meet client demand and using the best available techniques for reducing the emission of pollutants such as NO_x, SO₂, and CO₂.

The objective of the design and implementation of the Prediction Model for Air Quality Control project is to be able to know ahead of time the impact of the factory's emissions on the concentration of air pollutants in the surrounding areas. The model evaluates pollutants such as SO₂, NO_x, CO, particles (PM-10, PM-2,5), and O₃.

The forecasting system is based on a prediction model that calculates the concentration of contaminants based on:

- Different** emission sources
- Weather** conditions
- Dispersion** process

The model was designed for monitoring compliance with specific air quality regulations and the impact of the factory's activities on the concentration of pollutants in the surrounding areas.

To achieve these objectives, Cementos Portland Valderrivas has implemented a third generation comprehensive air quality control prediction system based on meteorological MM5 – CMAQ dispersion models. The system's design is the most technologically advanced among dynamic atmospheric simulation models.

The information obtained is displayed in internet as an air quality prediction report for the established simulation areas. With these data, it is possible to obtain an hour-by-hour forecast over a 72-hour period with respect to selected pollutants in the area in the immediate vicinity of the factory as well as in the entire Madrid Autonomous Community.

Knowledge on the effect of the emissions and on the specific area where these emissions could have an impact is essential for the continuation of this activity. In the future, when there will be greater commitment to quality of life and care of the environment, industrial activity must demonstrate that it is compatible with this commitment and, consequently, it must have the minimum impact on the environment and have the best control techniques at its disposal.

The objectives have been achieved, as underscored by the comparison of 2006 and current indicators:

	Product(t/h)	NOx(mg/Nm³)	SO₂(mg/Nm³)	CO₂ (t/tclinker)
2006	700	1.500	800	1,118
CURRENT	910	450	250	1,078

The El Alto factory has obtained AENOR certification for its Quality Management (UNE-EN-ISO 9001) and Environmental (UNE-EN-ISO 14001) systems. It has taken all the necessary steps in 2006 to obtain the EMAS certification (Eco-Management and Audit Scheme) and is pending its approval by the competent authorities.

The largest factory in Spain

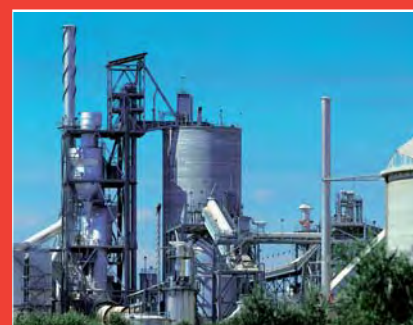
Production capacity at this factory is 3.6 million tons per year broken down into: 3 million tons of grey cement, 300,000 tons of white cement, and 300,000 tons of dry mortar. These figures make it the largest cement production centre in Spain and, thanks to its high level of technological development, one of the best in Europe.

It produces different types of cements and mortar for specific purposes. The

El Alto factory, in fact, produces seven types of cement and 37 different types of mortar.

Cement, clinker, and mortar sales in 2006 were as follows:

PRODUCT	SALES 2006 (t)
Grey	2.740.810
White	272.566
Dry mortar	276.430
TOTAL SALES	3.289.806



Several views of the El Alto factory in Morata de Tajuña (Madrid), the largest cement production centre in Spain and the European factory that has made the largest investments in environmental measures.

Portland Valderrivas’ Social Action Plan raises great expectations

The goal of the Cementos Portland Valderrivas project is to provide solutions that meet the needs of the most disadvantaged.

Cementos Portland Valderrivas has launched a Social Action Plan, approved by the Executive Committee of the Group’s Sustainability Committee in its meeting on 14 November. The first step was taken on 5 December when a mailing was sent to all employees that included a letter signed by the company’s CEO and a brochure with detailed information on the first campaign to collect toys. Portland Valderrivas matched each toy donated by each employee with 30 euros, up to a maximum of 10,000 euros. Over 600 toys were collected and the company gave 10,000 to Caritas for a number of charity projects.

The committee also approved another initiative involving cash contribution for projects.

Approved by the Sustainability Committee

For each employee’s donation of one euro per month, Cementos Portland Valderrivas will contribute with the same amount. The cash collected will be donated to NGOs, foundations, etc., all involved in charity projects.

These activities are aimed to encourage the involvement of all company employees in voluntary charitable initiatives. In the letter sent to the company’s employees, the CEO of Cementos Portland Valderrivas, José Ignacio Martínez-Ynzenga, highlighted that the “strength of the group lies in the people who work and promote it with all their hopes and commitment”.

This is just the beginning of a great social action plan that Cementos Valderrivas will continue to carry out in 2007. This social commitment is very positive and raises great expectations at the company.

***Give a toy,
win a smile***

FCC unveils ‘Water in your hands: use, management, and new sources’

The book includes several articles on the challenges facing agents involved in comprehensive management of the water cycle.

On 29 November, Aqualia and Rey Juan Carlos University in Madrid unveiled the book “Water in your hands: uses, management, and new sources”. Its publication is the result of a collaboration agreement entered into by both entities that, among other activities, contemplates summer courses to be organized by the university’s foundation in Aranjuez, Madrid.

Several personalities from the world of water management, the environment, public and private entities, professional associations, and the media were present in this event.

The book is a collection of excellent essays. Each author, from the perspective of his own specialty, deals with the challenges faced by the players involved in comprehensive water management resulting from the changes taking place in Spanish society.

Several topics are discussed including: the Water Framework Directive, the search for new water supplies, management in times of draught, the situation with respect to irrigation communities, changes facing companies in the sector, and the use of mathematical applications to achieve greater water efficiency.



FCC leads in Spain

CRF, dedicated to identifying the best corporate practices, selected FCC as the leading company in Spain. The chosen companies will be included in the book “Leading Companies in Spain: Their vision and talent opportunities”. This publication focuses on the quality of corporate culture, management of human resources, innovation, social corporate responsibility, and, most particularly, on career prospects.

Aqualia, Versia y Ámbito create their CRCs

In accordance with the recommendations of the FCC Group Guidelines on Corporate Responsibility for 2007-2008, approved by the group’s Corporate Responsibility Committee, the subsidiaries Aqualia, Versia, and Ámbito have created their own CRC Committees thereby joining Cementos Portland and FCC Construcción that had previously formed their respective Sustainability or Environment committees.

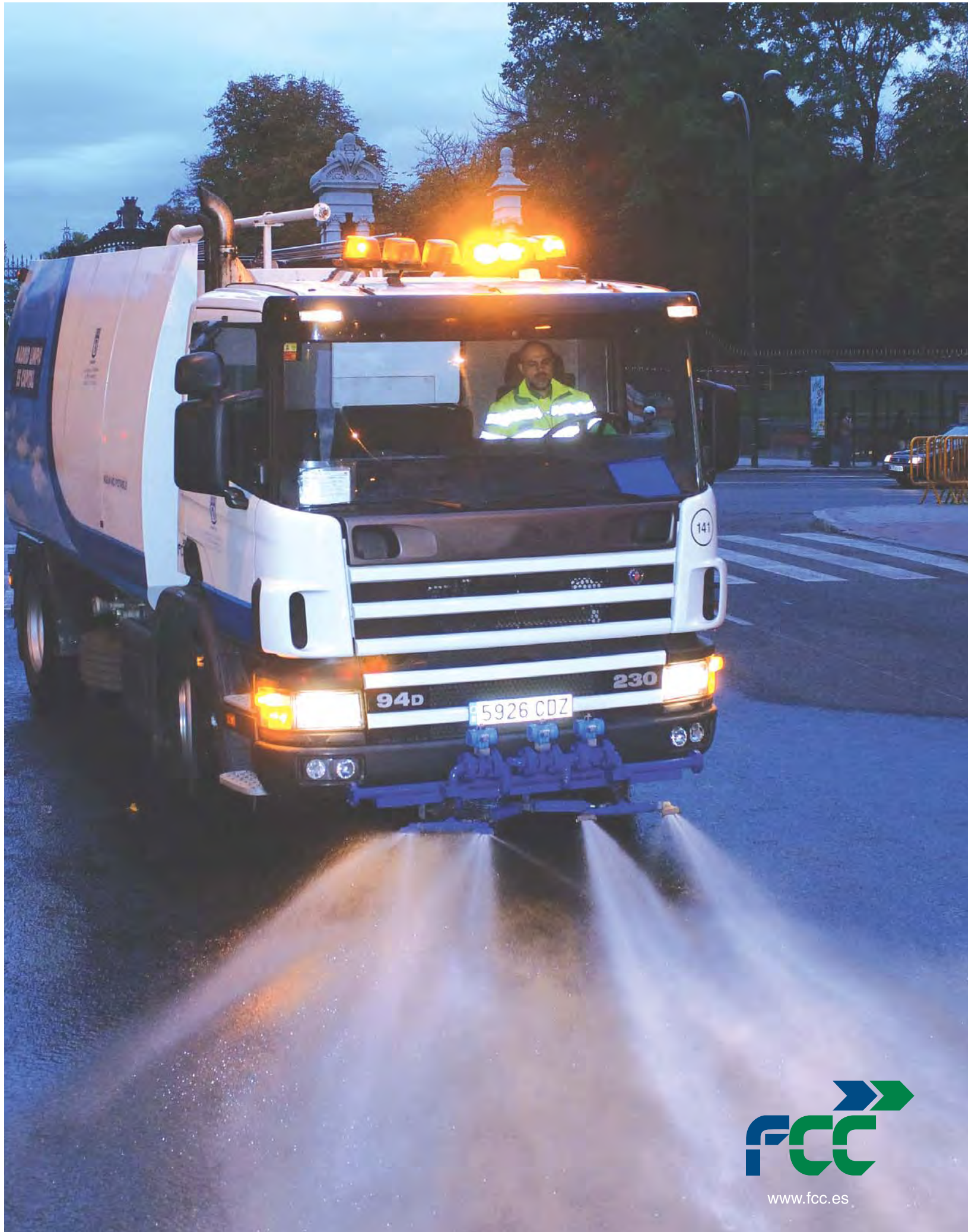
The FCC Group was one of the first companies in Spain to implement a strategic plan on corporate responsibility.



From top to bottom and left to right: Manuel Romance, professor at the Rey Juan Carlos University; Juan Pablo Merino, Aqualia’s Marketing Manager; Enrique Hernández, Aqualia Services Management Director; Ángel Cajigas, Managing Director of the Technological Association for Water Treatment; José A. Monterrubio, Professor at the Rey Juan Carlos University; Mariano Blanco, Manager of International Clients at Aqualia; Regino Criado, math Professor at the Rey Juan Carlos University, Francisco Cubillo, Deputy Director of R+D+i at Canal de Isabel II.



FCC is the leader in Spain in the Services and Construction sectors and has a growing presence in international markets.



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