



INFORMA

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Going to the park, running, playing, having fun...

Behind a simple act there's a great group that's taking care of the city around you and making it a clean, safe place for you and your loved ones to be.

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GROUP

JUNTA GENERAL
DE ACCIONISTAS
2000



GENERAL
ASSEMBLY
2009

FCC maintains its growth forecast for 2009

FCC held its 2009 Annual General Meeting in Barcelona, approving all the items in the agenda, including the company's accounts and dividend payment.

FCC's Annual General Meeting, held in Barcelona on 10 June, approved all the items in the agenda, including approval of 2009 accounts and dividend payment.

Baldomero Falcones, addressing shareholders during the Annual General Meeting, said that FCC's results so far this year are in line with company projections, and performance is expected to improve steadily during 2009, in sharp contrast with 2008.

FCC will maintain controlled growth against a backdrop of reduced debt and cost efficiency

The measures implemented by the various regional governments and the company's cost savings policy are having a positive impact on the company's results. Falling interest rates and the consequent reduction in financial expenses, which will be reflected in the company's bottom line this year, are the key factors behind this performance.

Falcones said that FCC maintains the strategy presented in May 2008, and is judiciously taking advantage of growth opportunities, investing in services companies in parts of Europe where the company already operates in order to reap synergies and achieve economies of scale. He added: "Our development is restrained and focused on security and returns, with no large investments and few risks involved".

FCC is involved in recurring businesses with strong



Baldomero Falcones, FCC chairman and CEO, addressing shareholders at the AGM.

growth potential, such as environmental services, large infrastructure development and renewable energies, including wind, solar and energy-from-waste.

He also underscored the company's sound financial structure and low gearing. All of the debt is attributable to cash-generating activities.

200 million euro cost savings in overhead and general expenses

Falcones stated that FCC's major strengths include the fact that it owns its cash flow, it is not dependent on third parties and it has expertise in its business areas, which are managed by experienced teams and use proprietary technology in many cases. One of the Group's main goals is to maintain innovation in all production areas.

He emphasized the shareholders' staunch commitment to the company: almost 54% of FCC is owned by B 1998, in which Esther Koplowitz has an 84% stake. "This shareholder structure enables us to



focus entirely on the company's performance without any external distractions; this unwavering shareholder support is one of the Group's greatest assets”.

Falcones indicated that the creation of efficiency and process re-engineering departments, contract renegotiation and the implementation of measures to cut indirect and general costs have enabled the company to greatly exceed the targets set in these areas. FCC has set very ambitious goals to cut general costs: it aims to reduce current costs by 200 million euro by 2010.

A sustainable company

Falcones highlighted that all business areas, from construction through services to cement and, in particular, technical services, are fully committed to caring for the environment. “We work daily not just to maintain the current environmental situation, but to improve it to the best of our abilities” he remarked.

FCC aims for all of its projects to have the least possible environmental impact. This means drastically reducing the discharge of soil and rock in landfills and increasing their reutilisation rates, as well as restoring the vegetation on embankments and other affected



One of the Group's core objectives is to maintain innovation in all production areas.





FCC will emerge much stronger from this crisis

Baldomero Falcones ended his speech before the shareholders at the Annual General meeting with words of hope in view of the serious global financial and economic crisis:

“We are living in times of crisis which, regardless of the formulas implemented for surmounting the situation worldwide, will make us stronger.

The planet's population is growing strongly in several parts of the world, and it is doing so sharing two key characteristics: it is increasingly more urban and developed.

That is, there are more and more citizens worldwide who demand coverage of essential needs: better and more comfortable infrastructures, more efficient environmental services, and cleaner and less expensive energy.

FCC engages and is a leader in all of these activities.

The above-mentioned demand and growing population are not affecting just Spain, this is a global situation. FCC knows how to compete in international markets, as we have demonstrated to date. We engage in activities where there will be great future demand, and we are competitive. Accordingly, the future holds many opportunities for our Group”.

areas. In its service activity, the company is a trailblazer in research to develop quieter and less-polluting trucks and urban sanitation vehicles.

In the cement division, he noted the efforts of Portland Valderrivas to reduce CO₂ emissions as part of a Group-wide plan to replace fossil fuels with waste; successful results are expected in the short term.

AGM Resolutions

The General Meeting of Shareholders approved a



Wastewater treatment plant in Salamanca.

final dividend of 0.785 euro per share which, together with the interim dividend paid in January in the same amount, gives a total dividend of 1.57 euro, i.e. a payout of 59%, similar to last year.

The remainder after subtracting the interim and final dividends from total income, i.e. slightly over 143 million euro, will be appropriated to voluntary reserves.

Shareholders also approved a resolution calling for the reduction of capital within the next 12 months through amortisation of own shares if the Board of Directors sees fit.

The reduction would be performed by amortising 3,182,582 own shares, i.e. 2.5% of capital.





The 250 metre tall Caja Madrid Tower, built by FCC at the Four Tower Business Area at Paseo de la Castellana.

Appointments at FCC

In its meeting on 11 June in Madrid, the FCC Board of Directors approved the following appointments:

- New Independent Director: Javier Ribas
- Members of ALPINE's Board of Directors: Alfred Gusenbauer, Alicia Alcocer, and José Manuel Burgos
- Members of the WRG Board of Directors: Concha Sierra, Jaime de Marichalar, José Manuel Burgos, and Jaime Zurita.
- The EAC Inversiones Corporativas previous appointments were renewed, whose representatives Alicia Alcocer and Rafael Montes sit in several committees of the Board of Directors.
- A seat in the Strategy Committee was approved for EAC Inversiones Corporativas, represented by Alicia Alcocer; and Dominum Dirección y Gestión, represented by Carmen Alcocer Koplowitz.
- In agreement with Caja Madrid, it was resolved to propose the appointment of Juan Béjar as Executive Chairman of Global Vía Infraestructuras, and Member of the FCC Board of Directors, reporting directed to its Chairman, Baldomero Falcones, and to Caja Madrid.
- Appointment of Francisco Javier López Costas as Director of the FCC Group Information Systems and Technology area.

Rafael Montes awarded Gold Medal of Merit for Work

On 14 May, the Minister of Labour and Immigration, Celestino Corbacho, presented the Gold Medal of Merit for Work to Rafael Montes Sánchez, former Chairman of FCC. The distinction was awarded to Rafael Montes by Spain's Cabinet on 5 December to "reward and highlight the merit of socially-useful and exemplary conduct in the performance of the duties imposed by a job, profession or service".

Rafael Montes thanked the Government for the gold medal, and also spoke in praise of FCC's core shareholder, Esther Koplowitz, whom he defined as "the soul" of FCC.

Rafael Montes has been working at FCC for 43 years. After graduating as a mining engineer, he joined the company as Head of the Design, Studies and Bidding Department. He was subsequently promoted to General Manager of Building and Real Estate and to CEO of the company Construcciones y Contratas.

In 1992, he took charge of diversification as chairman of

FCC's services companies. In October 2004, he was appointed CEO at the proposal of Esther Koplowitz. On 20 January, he transferred to the position of non-executive Chairman of the company. He is currently a member of Boards of Directors of FCC, Cementos Portland Valderrivas, and Realia.

Gold Medal of Merit for Work Regulations

Section One. Concept. The Gold Medal of Merit for Work is a national civil distinction to reward the merit of socially-useful and exemplary conduct in the performance of duties entailed in the job, profession or service performed by the award recipient or as recognition and compensation for damages and injuries sustained on the job in performing these duties.



CONSTRUCTION



Inauguration of the new Puerta del Sol commuter train station

The Spanish Prime Minister inaugurated the new Puerta del Sol commuter train station in Madrid, a major civil works project with the largest (207 metres-long) underground platform in the world.

On 27 June, Spain's Prime Minister José Luis Rodríguez Zapatero, inaugurated the new Puerta del Sol commuter train station in Madrid, accompanied by José Blanco, Minister of Public Works; the President of the Madrid Autonomous Community, Esperanza Aguirre; and Alberto Ruiz-Gallardón, the city's mayor. This project was worth an investment of 155 million euro.

Commissioned by the Ministry of Public Works' Railway Infrastructures Department, FCC built the new station as part of the second 8,500 metre-long commuter train tunnel between the Atocha and Chamartín train stations that has been in operations since 9 July 2008.

Because of its unique characteristics and location, construction of the station posed major technical challenges, resolved thanks to Spanish engineering expertise which now ranks at the forefront worldwide thanks to this project.

The Puerta del Sol commuter train station, at the square known by the same name, is an underground station where train and subway lines are connected by the platforms and a mezzanine.

The cavern at Sol

The cavern housing the platforms is the largest ever excavated in the world. It is 207 metres long, 20 metres wide, and 15 metres high, and large enough to accommodate the 250 metre-tall Torre Caja Madrid building (excluding its top arch), also built by FCC at the Cuatro Torres Business area at Paseo de la Castellana.

It was designed as a two-level space: the lower level for the platforms, and the upper level with a mezzanine that facilitates passenger traffic throughout the length of the station providing access to the train station platforms and vestibule. Situated underneath the east block of Montera Street, the station was built using the German method, an orderly process involving digging and building the various galleries with concrete using



The Prime Minister inaugurates the largest cavern in Europe which posed a major technological challenge, placing Spanish engineering at a forefront worldwide.

A challenging civil engineering project

traditional mining methods, creating the exterior shell of the cavern built around the Atocha-Chamartín tunnel.

In the first phase, which began in November 2004, two wells were dug for executing the excavation of the cavern. These wells, 7 metres wide, were excavated in different phases until reaching the greatest depth at Montera Street, that is, 40 metres or the same height as a 3-storey building.

After digging the wells, preliminary work was carried out such as injections, filling holes, compensation, reinforcement, and upgrading to ensure the complete protection of the buildings and structures at the surface of the cavern. This was done to ensure the stability of an area spreading over 1.5 hectares. The aggregate length of drilling work carried out for injections was more than 15 kilometres.

Four-hundred elements placed at the surface and in nearby buildings were used to monitor the entire construction process. The information provided by these controls was checked and analysed several times a day.

prepare the space for its construction. This was made in a preliminary phase to discover the location of up to 226 service lines belonging to 30 entities, many of which were not included in any records. These service lines were then

diverted, re-ordered, and upgraded

The complexity of having to divert all these service lines made it necessary to build two new galleries with a height equivalent to a two-storey building. One of these galleries houses two large diameter water supply pipes, and another gallery contains other service lines which had to be re-shuffled. It was also necessary to house a new power transformation facility.

This major engineering project required an extremely meticulous architectural treatment. Escalators provide access to the vestibule which required the construction of a protective shell designed by Antonio Fernández Alba, a renowned architect and member of the San Fernando Royal Academy of Fine Arts. This singular and carefully designed steel and glass structure will become part of the image of the Puerta del Sol, one of the city's landmarks.



The Puerta del Sol station consists of two main parts: the cavern housing the platforms and the vestibule which provides access to the station and connects with the subway system.



The station's vestibule

The station's vestibule, which provides access and serves as an interchange with the subway lines, is located on the eastern part of the square where the bus stops were previously located. Built from the surface using screens, the vestibule has 7,500 m² of floors space divided into six levels, and at a depth of 28 metres, the same length as a nine-storey building.

Before starting this part of the project, it was necessary to



The interior spaces were designed to comply with their future use, including a new police station and a museum exhibiting the remains of the Buen Suceso Church that were discovered when the vestibule started to be built.

Following the tradition of other railway stations, the station features a clock which reproduces in its sphere the famous clock at the Puerta del Sol square where people go to celebrate New Year's eve. The commuter train station has 16 escalators in the platform cavern and 15 at the interchange. It also features the most advanced security,



communication, and accessibility systems, including eight elevators, three ventilation wells, an emergency room, fire detection and extinguishing systems, closed circuit TV, mobile telephone, and other equipment.

An accessible station

As in other projects sponsored by the Ministry of Public

Works, special attention was given to providing access to people with disabilities. It incorporates, among other measures, a guide-stripe integrated on the flooring, Braille instructions in the handrails, and elevators; double handrails, pavement with signals at the edge of the platform, as well as a luminous cordon that indicates the place where the train stops at the platform.

Prime Minister José Luis Rodríguez Zapatero accompanied by the Minister of Public Works, José Blanco, the president of the Madrid Autonomous Community, Esperanza Aguirre, and the Mayor of Madrid, Alberto Ruiz Gallardón, inaugurated the Puerto del Sol macro-train station.

A new and potent transport interchange

Line C-3 connects Aranjuez with Chamartín and Line C-4 Parla with Alcobendas and Colmenar Viejo. All the towns and stations connected by these lines will be able to connect directly with the Puerta del Sol station. Other towns and destinations served by the commuter trains will also be able to do this without having to change trains or lines by just catching a train or subway at another station, such as Atocha Station where all these commuter lines pass, except the line connecting Cercedilla with Cotos.

The Puerta del Sol Station will become the new interchange between the commuter train and the subway lines, facilitating the connection of the C-3 and C-4 commuter train lines with the subway system. It is estimated that more than 70,000 passengers will be using the new train station by 2010.

The start of operations of the Puerta del Sol station makes it possible for the railway lines to reach Kilometre 0, making it easy for those who arrive by train to reach the centre of Madrid by taking any of the modern high-speed trains arriving from numerous points throughout Spain. This will also include air traffic since commuter trains also arrive at the T-4 terminal at Barajas Airport.



The President inaugurates the new T-1 Terminal at El Prat Airport, Barcelona

The new 544,000 m² terminal, with 101 boarding gates, will increase the airport's capacity to up to 55 million passengers per year.

On 16 June, Prime Minister José Luis Rodríguez Zapatero, accompanied by the Minister of Public Works, José Blanco, and the President of the Catalan Regional Government, José Montilla, inaugurated the new T-1 Terminal at Barcelona Airport. This project was worth an investment of 1,258 million euro.

The mayor of Barcelona, Jordi Herau, the Government's Representative in Catalonia, Joan Rangel, and the Chairman of AENA, Juan Ignacio Lema, were some of the many representatives of Catalonia's political and business

community who were present at the event.

The new T1 is a large, light-filled and open space where all efforts were made to ensure passengers' comfort. At the inauguration, the president stated that "the new infrastructure is one of the largest and best appointed airline terminals in the world".

544,066 m² of floor space

Built by FCC and designed by the architect Ricardo Bofill,

The new terminal required an investment of 1,258 million euro

the recently inaugurated infrastructure has 544,066 m² of floor space. Both terminals (T1 and T2) at Barcelona's airport are able to handle more than 50 million passengers per year and 90 operations per hour. In addition, 74 aircraft will be able to park at the terminal.

The layout of the terminal is broken down into three elements: a building for the check-in counters, baggage handling and collection, and a commercial area. Two lateral wings and a central one will be used for boarding passengers, in addition to a multi-purpose hall for different types of transport.

Construction of the facilities required the use of 736,344 kilograms of concrete and 17,904,115 kilograms of structural steel, weighting almost twice as much as the steel used in the Eiffel Tower in Paris. The 90,277 m² of curtain wall is large enough to cover the Gizeh pyramid in Egypt. The 532,009 m² of industrial flooring could cover 1,267 basketball courts, and the 124,729 m² of aluminium used in the exterior walls occupies 2.5 times the space of the Camp Nou soccer field.

Set to become a landmark

The modern and practical airport facilities will cater to the needs of passengers and airline companies and will become a reference for terminal buildings to be built in the future. Its commissioning makes this a reference airport in the Mediterranean basin and in southern Europe, addressing the needs of one of the metropolitan European regions experiencing the greatest increase in air traffic.

The airline terminal was designed as a flight distribution and connection hub, as well as a service centre all under the same roof, where wide-open spaces, light, and functionality are among the key elements.

It complies with all accessibility legal requirements. The landscaping and urban development, the building, transport, and communication address the needs of those with limited mobility. Mobility inside the terminal is ensured by the 49 passenger conveyors, 26 mechanical ramps, 48 escalators, and 125 lifts that have been installed.





**Designed as
a flight
distribution and
connection hub**

The new terminal consists of three elements: a processing building, two lateral wings and a central wing, and an interchange vestibule.

The new terminal has 101 boarding gates; 43 fingers which could be increased to 50; 166 check-in counters and 52 auto-checking machines; 256 information screens; eight information desks; 14 customer service desks; 28 security control and 52 passport control counters. Over 1,000 signs have been installed to make it easier for passengers to find their way around the airport.

An Automatic Baggage Handling System has been installed which will guarantee that baggage handling and classification will take less than 10 minutes. With 24.4 kilometres of conveyor belts and 4,000 baggage transport trays, the system can handle up to 8,000 pieces of luggage per hour.

Associated infrastructure

The T1 terminal features 23,866 m² of commercial space, housing 73 shops and 43 bars and restaurants. In addition, it also has a 2,583 m² business centre featuring a gym, hairdresser, and rest area, plus six VIP lounges and a bank office, 16 ATMs, and five car rental offices. Users will be able to connect to the internet thanks to the Wi-Fi system installed throughout the facilities.

Besides the opening of the new T1 terminal, other associated infrastructures have started operations, such as the new intelligent parking facility for 12,000 cars, a parking lot for vehicles parked for a long-period of time. The project also includes new access roads from the C-31 and a road connecting the T1 and T2 airport terminal buildings.





THE MAIN FEATURES OF THE T-1 TERMINAL

OPERATING CAPACITY

T1 + T2	55 million passengers
Platform	74 parking spaces
Maximum capacity of flight field	90 operations / hour

SURFACE AREA

T1	544.066 m ²
Public areas	155.200 m ²
Airport shops	23.866 m ²
VIP lounges	6.066 m ²
Baggage pick-up area	20.000 m ²
Parking facilities and service roads	34.500 m ²
Platform	600.000 m ²

PASSENGER SERVICES

Check-in counters	166
Information screens	256
Information desks	8
Customer service points	14
Security controls	28
Passport controls	52
Boarding gates	101
Fingers	43 (could be increased to 50)
Baggage pick-up conveyors	15

The T-1 terminal has 166 check-in counters; 52 auto-check in machines; 101 boarding gates and 43 fingers (which could be extended to 50). The new infrastructure also includes an automatic baggage handling system that facilitates its transfer and delivery in less than 10 minutes.



The Mayor of Madrid inaugurates La Caja Mágica

FCC built La Caja Mágica, a multifunctional project designed by the French architect, Dominique Perrault, and worth an investment of 160 million euro.

Cutting-edge technology

The design by architect Perrault combines cutting-edge technology and environmentally-friendly features. The pavilions are protected by a cover which changes according to the different seasons, light, and temperature and the various types of events.

On 30 April, Prime Minister José Luis Zapatero, the President of the Madrid Autonomous Community, Esperanza Aguirre, and the Mayor of Madrid, Alberto Ruiz-Gallardón, inaugurated Caja Mágica, the most modern tennis facilities in the world. According to the mayor, the complex represents the city and its desire, as a candidate, to be considered for hosting the 2016 Olympic Games. The three of them have supported and promoted Madrid's candidacy as an Olympic

city. The project is worth 160 million euro.

Caja Mágica was built in the park along the banks of the Manzanares River, in a recovered area that has become one of the best green areas in the Madrid Autonomous Community and in the city's south district.

More than
103,000 m² of built space

Made of steel, wood, and glass, the tennis complex has more than 103,000 m² of useable built space. The exterior of the building is

covered with a stressed mesh of stainless steel that gives the building a dynamic and changing look, opaque and reflecting light during the day and sparkling at night.

A reference complex

The multi-functional three stadiums can be used for team or individual sports such as top Olympic competitions, and can also host other leisure and cultural events.

The athletic complex, defined by Ruiz-Gallardón as "the best tennis facilities in Spain, in Europe and probably in most of the world", designed by Dominique Perrault and built by FCC, is set up around two buildings, la Caja Mágica and Tennis Indoor.

The first building comprises three stadiums with 12,000, 3,500 (which can be enlarged to accommodate 5,000 spectators) and 2,500 seats. It also houses the player and referee area,

a press area, a restaurant area and public area.

The retractable roof is one of the most novel features, opening up the entire play area, thanks to the installed hydraulic cylinder mechanisms, that make it possible to play three games simultaneously in case of rain. The three stadiums can be opened partially or totally.

The Tennis Indoor building includes 11 indoor courts. It's a multi-purpose building as well, with an athletic club, a gym, a spa, a restaurant and an office area, in addition to the 16 outdoor courts and the parking area, plus the Media Garden next to the lake for media mobile units, with a footbridge connecting it to the main facilities.



Above these lines, from left to right, Alberto Ruiz-Gallardón accompanied by Prime Minister José Luis Rodríguez Zapatero and Esperanza Aguirre, President of the Madrid Autonomous Community.

Below: Alberto Ruiz-Gallardón during the inauguration ceremony.





Multifunctional capacity

“The multifunctional capacity of Caja Mágica is the perfect metaphor of the versatile discourse of this city and its candidacy. An open, non-exclusive discourse which incorporates the extraordinary reality of a city that welcomes people from all over the world and is capable of including them in order to build a new collective project. This is what Caja Mágica represents, the ability to surmount any difficulty, without building castles in the air or making empty speeches, but rather building upon reality and ready to tackle any difficulty”.

Besides tournaments, the centre will house a tennis school, federation headquarters, and a high-performance centre managed by the Tennis Federation.

The Caja Mágica is the only facility in the world where three events can be held at the same time thanks to a sophisticated retractable roof system.

Alberto Ruiz-Gallardón, at the inauguration ceremony, said that the Caja M á g i c a represents

Madrid’s tangible, effective, and non-virtual aspiration to host the Olympic Games. It is, according to the mayor, “an intelligent project, with aesthetic value, that elicits emotions. There is intelligence thanks to the integrating

and balance-seeking layout. There is aesthetics thanks to its changing appearance. And there is emotion because we will witness the emotions of great sportsmen”.

Solar panels installed on the roof of the Indoor Tennis building will provide hot water and power the air-conditioning system. The new centre’s environmental commitment continues

with a system of recycled water for filling the lake and watering the landscaped areas.

In addition, 12,000 trees will be

planted, mainly black and white poplars, weeping willows, fig trees, ash trees and birch trees, as well as ivy, while rushes and reeds will be planted in the wetlands surrounding the Ecological Lake.

The only facility in the world where three events can be held simultaneously

FCC to build a fourth soccer stadium in Poland

ALPINE, FCC's Austrian construction subsidiary landed a fourth football stadium construction contract in Poland, this time in Krakow. This contract is worth over 35 million euro.

After obtaining contracts to build stadiums in Gdansk and Posen, and the National Stadium in Warsaw, this new contract strengthens FCC's international profile and puts it in the vanguard in the construction of large sports facilities worldwide. The four contracts combined are worth a total of 515 million euro.

The existing stadium in downtown Krakow, home to Poland's oldest soccer club (founded in 1906), will be completely refurbished and rebuilt. The stadium currently has 7,000 seats, of which 1,100 are covered by the roof. The stands date back to 1912 and were built on an earth wall.

The new stadium, designed by Spanish firm Arquitectos Lamela, will have 15,500 seats, and the grandstands will be replaced by modern

tiers in reinforced concrete, partially roofed. The new façade will be decorated with light-coloured tiles and the lovely historic view of the Wawel Hill will not be obstructed.

Approximately 15,000 m³ of concrete and 1,700 tons of steel will be required in the project. The lighting is to be mounted on the roof at a height of 10-19 metres.

Since the stadium will also be used for the 2012 European Championship, construction will also comply with UEFA standards.

In addition to football, the stadium will also be equipped as a venue for other events, e.g. concerts, shows, etc., since part of the stands on the western part of the stadium can be removed and converted into large stage.

The stadium will be ready to host games as of October 2010. The contract also includes the construction of an office and shopping centre, which should be completed by the end of November 2011.

Experience in stadium construction

ALPINE has extensive experience in executing large-scale stadium projects, gaining highest competence on an international scale in the construction of sports facilities. Following the construction of the Allianz Arena in Munich, which hosted the opening ceremony of the 2006 FIFA World Cup and is one of the world's most spectacular sports venues, In Austria, ALPINE built the Wörthersee-Stadion (Klagenfurt) and expanded the Stadion Tivoli (Innsbruck) and the Wals-Siezenheim stadium (Salzburg) for the Euro 2008 Football Championship. And it recently completed the Dubai Cricket Stadium in the world's biggest sports centre.

FCC also has broad experience building soccer stadiums in Spain. It revamped and expanded the Santiago Bernabéu and Vicente Calderón stadiums, in Madrid, and Nou Camp, in Barcelona; and built the Sardinero soccer stadium in Santander, Ciudad Deportiva Joan Camper, for Barcelona, Real Madrid's new training ground, in Valdebebas, and the new pitch for Español, in Cornellà; it is currently building the new stadium for Valencia Club de Fútbol.

ALPINE operates worldwide. With 3.5 billion euro in construction revenues in 2008 and approximately 15,530 employees, ALPINE is Austria's second-largest construction group.





Zaragoza awards FCC a contract to build and operate the new tramway

The TRAZA consortium, comprising FCC Construcción, and various other companies has been selected by Zaragoza's City Government as its partner in a public-private partnership to build, start up, maintain and operate line 1 of the Zaragoza tramway. The tramway will be managed as a public service by creating a public-private partnership in which the local government will hold a 20% stake.

The initial cost of the project is approximately 340 million euro, of which 130 million euro will be funded equally by Zaragoza City and the Aragon Regional Government.

Thanks to this new contract, FCC, which contributes more than one century of experience in providing public urban

services, strengthens its leadership in Spain's urban transport concession segment.

The FCC Group currently operates the Diagonal and Besós tramways in Barcelona, covering 31 kilometres and transporting nearly 21 million passengers per year. The Group has a 40-year operating concession for the Parla (Madrid) tramway, which stretches over more than 8 kilometres, has 16 stations, and connects various districts with the RENFE commuter train line. Murcia's city hall recently awarded the company a construction, and 40-year maintenance and operations contract for Line 1 of the 18-km long Murcia Tramway line to connect the city's midtown district with the Nueva Condomina commercial district and the college campuses, crossing the city's most important

throughways. The new line's 24 stops will be built at an average distance of 450 metres from each other.

The most modern tramway in Spain

Zaragoza will have the most modern light railway in Spain using cutting-edge super batteries (concept similar to those used in Formula 1). Since it will not be necessary to install overhead power cables in the city's historic quarter, the tramway will blend with Zaragoza's cityscape.

Expected to start operations in 2013, the tramway's North-South line will connect different points

Features super-batteries that reduce consumption and promote energy-efficiency

throughout the city. It will be 12.8 kilometres long with 25 stops along the way, connecting Parque Goya and the Valdespartera district. The project will be executed in two phases: Phase 1 (Valdespartera-Gran Vía) and Phase 1 (Gran Vía-Parque Goya).

Will contribute to improving Zaragoza's public transport services

The objective of the TRAZA consortium is to work to ensure that the citizens of Zaragoza enjoy a public transport with large capacity, sustainable, environmentally-friendly, accessible, and featuring the most modern technology, in addition to guarantying that the new tramway is perfectly integrated with the existing urban transport system.

The modern tramway is the fastest public transport in distances of less than 7 kilometres and can reach a commercial speed, in this particular case, of between 17 and 19

kilometres per hour. The tramway reduces travel time since it has right-of-way, jointly with pedestrians, at traffic lights and is easily accessible. Zaragoza's new tramway will contribute to improving the city's public transport system by connecting several of the city's districts thereby making it easier for people to travel from one part of the city to another.

Low floor

Since the tramway will have a low floor and the

platforms will be integrated with the sidewalks, it will make it easier for bicycle riders carry their bikes with them, and will also facilitate access to shopping carts, wheel-chairs, baby carriages, and the elderly.

Energy savings

The tramway is practically non-pollutant since it is powered by electricity and does not generate any greenhouse gases (CO₂). It is also capable of generating electricity when it stops. This power is stored internally and can be used later by the specific tramway or by another one.

Lightweight, silent, and safe

Since it is built with lightweight materials, vibration and noise is significantly reduced and by running on electricity, it produces less noise than vehicles with internal combustion systems. In addition, stopping and accelerating is much faster and therefore, the system is safer and speedier.

The tramway will improve and expedite travel time, will run on a regular schedule, and will be safer than other means of travel. In addition, the new system also involves the refurbishment and revamping of city services and, accordingly, will promote the city's commercial life along its route.





The commercial life of Zaragoza along the tramway will be vitalised thanks to the various urban revamping and upgrading projects.

It will take 40 minutes to travel the entire route; 19 minutes from the first stop at the General Military Academy to Plaza España; and, 21 minutes from Plaza España to Plaza Cinema Paradiso (Valdespartera).

The project also involves the construction of depots and repair shops, one per each phase, two parking lots and an interchange, plus mobile material and all

Starting operations in 2013, its technology will make it the most modern tramway in Spain

necessary electromechanical equipment for smooth operations.

This new public service certainly offers many advantages for the city and its citizens, in addition to state-of-the-art design and technology.

The tramway will use the Urbos 3 rolling stock, produced designed by Giugiaro Design, one of the world's most renowned industrial designers in the area of cars, motorcycles, quads, and plane, boat and train interiors. Giugiaro Design has collaborated with on the design of many railcars, including Madrid Metro, trains for Saudi Arabia, and RENFE regional units.

Sustainable development concept

The project addresses the need changing the city's transportation system, integrating aesthetics and urban mobility based on sustainable development, giving priority to the surroundings, particularly people and the environment. It will not produce any noise pollution as other modes of transport and is much quieter than older tramway models.



FCC to build and operate a hospital in Northern Ireland

Western Health and Social Care Trust has signed a concession contract with the Northern Ireland Health Group consortium, in which FCC Construction is the largest shareholder (39%), for the design, construction, financing and operation of the new hospital in Enniskillen, in Northern Ireland (UK). The project represents an investment of approximately 270 million pounds sterling (300 million euro).

The other partners in the consortium are Irish companies Allied Irish Bank Plc, Interserve Investments and P. Elliott & Company.

The New Acute Hospital will be built in three years; it will have 300 individual rooms and more than 65,000 square metres of floor space. It will have a facility to house employees and an energy demand management centre, making it one of the most modern hospitals in Europe in terms of energy efficiency.

**Worth
an investment of 300
million euro**

The project will create 180 new jobs, 32 internships, and 7 university placements. More than 670 jobs will be sustained as part of this major construction project, which is subject to very high quality specifications, addressing patient, visitor and worker comfort, visual impact, landscape integration, energy efficiency and integration with the socio-economic fabric of the region.

lighting and ventilation as well as providing a constant view of the surroundings.

The hospital is the first public-private partnership project in Northern Ireland, and is part of an extensive investment program aimed at improving infrastructure in the region.

The hospital is laid out in three bands or lines of blocks, separated by linear gardens or patios, allowing for optimum use of natural



The first concession of its kind ever awarded to the Spanish company in the United Kingdom.



The Department of Health awards FCC a contract for the new hospital in La Línea de la Concepción, Cádiz

The Department of Health has awarded FCC Construcción the 53.6-million-euro contract to build the new Hospital de la Línea de la Concepción in Cádiz. The new hospital, with nearly 32,000 m² of floor space, expected to be completed in a 36-month period, will provide healthcare services to more than 100,000 people.

The building will have a total of 234 single rooms, nine surgery rooms, 48 outpatient rooms, 19 examination rooms, and eight rooms for handling emergencies. The consulting rooms will be located next to the examination rooms, to prevent patients from having to move any more than strictly necessary. The emergency area will have eight consulting rooms, two for paediatric emergencies, plus a recovery bay with three stations and an observation and short treatment room with 24 stations, in addition to family and patient waiting areas. The current hospital's intensive care unit, accommodating 8 patients, will be transformed into a multi-purpose area with the capacity for 34 patients. The facility will also have seven operating rooms, two delivery rooms, and four labour rooms.

On the equipment side, the new hospital will feature electronic services enabling health professionals to contact and consult each other remotely. The diagnostic X-ray area will be reinforced with the incorporation of a nuclear magnetic resonance unit and a new remote control unit for studies of the digestive system. Altogether the hospital will have ten imaging rooms: three for X-rays, two for remote control, two for ultrasound scanning, one for mammograms, one for CAT scans and one for nuclear resonance imaging.

The list of services available at the new hospital will include internal medicine, cardiology, pulmonology, digestive medicine, haematology, nephrology, oncology, paediatrics, mental health, general surgery, traumatology, ophthalmology, ENT, urology, dermatology, obstetrics and gynaecology. The facility will also be equipped with a medical heliport and general services covering clinical analyses, microbiology, pathological anatomy, preventive medicine, radiology, rehabilitation, the hospital pharmacy and anaesthesia.



Completion of new Obstetrics-Gynaecological Ward at the Virgen de la Salud Hospital in Toledo

FCC was involved in the refurbishing project for the Obstetrics-Gynaecological Ward at the Virgen de la Salud Hospital in Toledo. The project was executed in four different phases. The first phase involved the restructuring of the south block, previously housing Administration and Management Services, to convert it into an Obstetrics Ward.



The new Obstetrics Ward is divided into two wings and four sectors. Access to this floor is through the central block which divides the hospital's two functional blocks. The west wing houses the gynaecological ward, an area for monitoring the foetus, and the facilities for personnel and administrative staff, plus a work area, a rest area, and bedrooms for medical staff on duty. The west wing is for delivery rooms which are organized in a linear fashion with the first ones being the 8 labour rooms, followed by three delivery rooms and a surgery room all of which are situated at the end of the wing. The facilities for monitoring the foetus, rooms for midwives and nurses, as well as the waiting visitors' waiting room and information desk are situated close to the entrance



FCC's Gran Vía and Plaza Europa, L'Hospitalet projects win 2009 Construmat Award

The construction and urban development project of the Gran Vía and Plaza Europa in L'Hospitalet, executed by FCC, was one of the major award-winning projects receiving the 2009 Construmat Awards on 22 April at the Gran Vía fair grounds in Barcelona.

The Department of Territorial Policy and Public Works of the Catalan Regional Government and the Technical Secretariat of the Catalan Construction Institute participate in this initiative, one of the most prestigious construction awards in Spain with the objective of promoting technological innovation.

The jury chose to give this project the award in the civil-engineering category due to the magnificent job done in organising the land, the way the solution has improved openness to traffic, the complexity of the job (requiring a wide array of construction techniques), the sobriety of the solution chosen and the multidisciplinary nature of the work.

As part of the project, 840 m of the main trunk of the

avenue was buried, transforming part of Gran Vía into a pedestrian walk for the enjoyment of the community. Urban development and landscaping work was also carried out at the lateral lanes of the avenue, between Escultura and Miquel Hernández streets.

Lateral one-way traffic streets were built, each with three 3-metre wide lanes. Sidewalks measuring from 11 to 34 metres wide were built between these streets and the end of the project.

Altogether the design calls for 60,000 m² of landscaped areas, 25,000 m² of facilities and amenities (including hotels), 150,000 m² of offices and the construction of 1,500 homes. The plaza doubles as the gateway into the Fira de Barcelona compound.

In addition, a new station was built for the Baix Llobregat Metro system, which belongs to Ferrocarriles de la Generalitat. This station, Amadeu Torner-Fira, will act as an intermodal interchange facility in combination with the future Amadeu Torner station on line 9 of the Metro system.



The cooling towers of the Neurath (Germany) power plant.



Construction of Traismauer Bridge over the Danube (Lower Austria).



From left to right: Peter Jungbauer, Franz Almeder, Peter Preindl, and Johannes Horvath from Alpine, and Karin Keglevich, the company's spokeswoman.

ALPINE wins awards for two major projects

SOLID, the magazine that caters to the construction sector, has chosen ALPINE to receive its prize in the national category for ALPINE's Traismauer Danube Bridge project (in Lower Austria).

The project was highly complex, because the entire job had to be done from a ship, to solve the problem posed by high tide. The concrete piers were made on the shores of the Danube and floated into position, to prevent interrupting traffic on the river during the bridge's construction.

The Traismauer Bridge will connect the S33 and S5 roads and will provide full

highway access on the northern part of the Danube between Sankt Pölten and Vienna.

ALPINE also received a distinction in the international project category for its Neurath Power Plant project. The panel was impressed by the high-performance concrete recently developed and used to build two natural cooling towers.

Every year SOLID gives out the SOLID Construction Technology Prize. An independent panel of judges evaluates the designs submitted in the national and international categories and rewards excellence in building technology.

Austrian company acquires two stone quarries in Croatia

ALPINE expands its raw materials activities by purchasing several stone quarries in Pozega (Croatia), thereby becoming market leader in western Croatia's stone quarry industry.

The acquisition includes a prefabricated concrete plant, a mortar plant, a dry mixing plant, and an engineering firm.

Thanks to this acquisition, ALPINE secures an important source of raw materials for the Croatian market,

also enabling the company to meet demand in Serbia's Vojvodina province and in southern Austria. It will have its own supply of limestone and igneous

stone thereby bolstering its self-supply capacity.

The quarries

The quarries at Velicanka and Vetovo contain reserves of approximately 6.3 and 11 million cubic metres, respectively.

As a raw material, stone is set to become a vitally important requirement for the development of the railway system in Croatia over the coming years.

On ALPINE's estimates, the company will be able to provide approximately 30% of the stones required for this project.

One of Croatia's largest producers of raw materials

FCC participates in a project for recycling construction material

There are currently more than 200 km of tunnels in the planning or the construction stage in Austria. Most of the excavation material is sent to landfills. ALPINE, FCC's Austrian construction subsidiary is collaborating with the initiative launched by Montan University in Loeben (Austria) which contemplates transforming excavation material into raw material for other applications thereby reducing transport and landfill requirements.

In recent years, the FCC Group has implemented several recycling techniques, such as during the construction of the Guadarrama tunnel for the high-speed railway in northern Spain. In order to meet environmental requirements, surplus excavation material was transferred through conveyor belts to quarries for their

subsequent use in other public works.

In 2008, FCC Construcción used 24,183,012 m³ of land or rocks from excavation works in its own projects as raw materials instead of handling this material as waste and sending it to dumping sites.

In addition, 88,213 m³ of clean rubble (concrete, mortar, bricks, prefabricated elements, etc) are recycled and used at the projects. This implies that 24,271,225 m³ of inert waste are recycled and used in the production cycle.





Megaplas creates visual identity for Mc Donald restaurants

MEGAPLAS, the FCC Group's subsidiary engaging in corporate visual identity specialized in sign engineering, manufacturing and pan-European project management through its two production facilities in Turin and Madrid, has expanded the range of services provided to McDonald's Spain thanks to a contract for the supply and installation of a new architectural corporate image element, the new "folded and divided" system. The company is also McDonald's exclusive supplier in Spain of other image-related elements.

This restaurant concept was designed and developed by the famous French architect Philippe Avanzi, who in recent years has been responsible for

McDonald's image innovations throughout Europe and with whom Megaplas has collaborated on several occasions in implementing his designs.

The new image will be implemented only at the free-standing restaurants, those which have a MacAuto service entrance and located at service stops in highways and in commercial areas outside large urban centres.

Megaplas has manufactured and installed seven of restaurants with this image in Torrent and Torrevieja, Alicante, Ronda de Bará, Tarragona, Las Tablas and Avenida de los Poblados, Madrid, and in Igualada and Rubí in Barcelona,

Technical Team

Department head:
Enrique Fernández Cortines

Construction manager:
Lluís Ribera Juanmartí

Production chief:
Laura Centeno Navarro

Quality technician:
Alex Paterna Figueroa

Foreman:
Antonio Herrera Hernández

Construction of school in Maresme

FCC has built a combined preschool centre and primary school in Vilassar de Dalt, in the district of El Maresme, Barcelona. The building is in the shape of orthogonal bars. One area houses the primary school, and the other, the preschool area. The two areas have completely separate entrances, but they

are connected internally. The site was excavated to a greater-than-normal depth to allow the building's ground floor to lie below street level so that only the top floor really protrudes, and the building's volume does not have a major impact on the landscape.

The 3,517.41 m² building consists of one main bar-shaped volume with three

other bars set at orthogonal angles to it, with one part housing the primary school and the other part the pre-school, each with totally separate entrances but connected internally.

In the primary school zone, on the lower storey, are the administration area, the office of the local parent's association, the physical plant, four small group classrooms, the library and the dining hall. The upper storey holds the twelve primary school classrooms and the three home rooms. The preschool area houses six classrooms, with one shared bathroom for every two classrooms, and, at the end of the hallway, the psychomotor therapy room. The roof juts out over these classrooms to shade the people inside from sun and rain.

The sports area features a soccer field, two basketball courts and two volleyball courts, and is surrounded by a large porch leading to the gym and the locker rooms.





Urbanisation of south cargo area at Madrid-Barajas Airport

FCC Construcción completed the urbanization project for the South-Cargo Area of Madrid-Barajas Airport, an infrastructure that resolves the access of goods and services to the cargo area. The total budget for the project was 18 million euro.

The project involved the urbanization of 52 hectares of land divided into eight plots for logistics buildings as an extension of the South-Cargo area of the airport. Access to this area was improved thanks to the construction of the A-2 road, the enlargement of the road around the perimeter of the airport, channelling of the Rejas brook, and the

revamping of livestock crossings at the airport grounds. As part of the project, 70,000 m² of roads, 18,000 m² of parking facilities, 19,000 m² of sidewalks, 11,000 m² of garden areas, 5,800 m² of channelling, and 71,000 m² of livestock crossings were executed.

Over 1,000 trees and 3,000 shrubs were planted in addition to the re-planting of two-hundred autochthonous specimens in the project area as part of the landscaping of the green areas and the first step prior to the construction of the future green ring to be built around the airport grounds.



Technical team

Deputy-Manager Madrid Civil Works department:
Ángel Serrano Manchado

Project manager:
Alfredo Díaz Cobo/César Martínez García

Head of Production:
Manuel Pérez Sánchez/Jorge LLundain Barrio

Head of the technical office:
Cayetano Toledano

Administration Manager:
Melchor Gil Barco

FCC completes the El Guayacán-Jinotega road in Nicaragua

M&S, FCC Construcción's Central American subsidiary, completed the 22.75 km highway between El Guayacán and Jinotega. The road runs along Nicaragua's northern region between the provinces of Matagalpa and Jinotega, a coffee-growing mountainous region with picturesque landscapes, cool climate, and rugged mountain terrain.

Funded by the European Union and requiring an investment of 9.4 million euro,

the purpose of the project was to provide the population in Jinotega an alternate road to the capital city of Managua.

Classified as a secondary rural road with a maximum allowed speed of 50 km/hour, the road has two 3.1 metre-wide lanes plus hard shoulders. Construction required the removal of 90,000 m³ of rocks and 1,000,000 m³ of earth of which 940,000 m³ were used for the embankments and fillings.



At the centre, Dámaso Bueno, General Manager of ESPELSA; on his right, Francisco Pardo, President of the Castile-La Mancha Parliament; the Government's representative of Industry, Energy, and the Environment, Emilio Sáez Cruz; and José Ordóñez, CEO of ESPELSA and ELCEN and Deputy-Manager of FCC Construcción. On his left, Manuel Valcárcel, the mayor of Tobarra.



The President of the Castile-La Mancha Parliament visits the ESPELSA facilities in Tobarra, Albacete

On 7 May, the President of the Castile-La Mancha Parliament, Francisco Pardo, and the representative of Industry, Energy, and Environment, Emilio Sáez Cruz, visited the electricity distributing board design, construction, and assembly workshop that the ESPELSA Group,

through its subsidiary ELCEN, has in Tobarra, Albacete.

The President made the visit jointly with Dámaso Bueno, General Manager of ESPELSA, who was accompanied by José Ordóñez, CEO of ESPELSA and ELCEN and Deputy General Manager of FCC Construcción.

Major references

The workshop already has an impressive project portfolio, such as the design and supply of 69 general and electricity distribution boards for the City Hall Building, recently relocated at the Communications Palace (Madrid), which has a total installed capacity of 4,325 KVAs. The supply and assembly of distribution boards for 23-Mwpeak Espejo Photovoltaic Power Plant (Córdoba), the Water Building at EXPO Zaragoza 2008; the manufacturing and supply of general and distribution, ventilation, and communication boards for the Bracons Tunnels with a total installed capacity of 8,304 MVAs (approximately 6.64 MW); Motril Harbour; and the enlargement of Tenerife Airport.

The workshop's portfolio features accomplishments such as the electrical panels for the new Málaga Economic and Social Centre, Campollano Business Centre and Hospital de Son Dureta in Palma de Mallorca, for which it manufactured and supplied general and distribution boards, and secondary boards for air-conditioning, and insulation panels. Total installed capacity is 17,600 KVAs (14.08 MW).

Francisco Pardo, the President of the Castile-La Mancha Parliament, highlighted the efforts made by such an accredited company as FCC in creating a new industry in Tobarra which will contribute to generating wealth and jobs for those living in this region.

Since acquiring ELCEN in 2006, ESPELSA has been considering the idea of manufacturing its own distribution boards in order to supply, internally, all the equipment required for executing its projects as an electricity installer. To a large extent, this project has been made possible thanks to the efforts of ELCEN's team which is currently involved in a process for securing certification for the manufacturing and supply of distribution boards to electric utilities. The manufacturing plant's current production capacity is approximately 20 million euro per year.

Inauguration of the new La Ranilla wastewater treatment plant

The mayor of Seville, Alfredo Sánchez Monteseirín; the Mayor of Alcalá de Guadaíra, Antonio Gutiérrez Limones; and the Managing Director of Seville's metropolitan water company (Emasesa) inaugurated the new La Ranilla wastewater treatment plant. This new facility, built by

FCC, will treat the water supply for a population of 400,000 people as well as 4,500 companies.

The plant, which as a treatment capacity is 90,000 m³ of wastewater a day, also has tertiary treatment facilities capable of producing a net flow of 15,000 m³

of water per day and removing the impurities from a product water flow of 2,000 m³/day. This kind of treatment helps to further reduce water pollution, disinfect polluted water and make the reuse of water in tertiary set-ups possible.

The project also included the connection from the box collecting raw water from the mains in Guadaira and Ranilla to the new facilities.

Limited environmental and visual impact

The wastewater treatment facility features the latest in technology and other major breakthroughs to improve water quality. The entire structure is roofed, and small industrial buildings are used to cut odours and noise to a minimum, with limited environmental and visual impact.



Technical Team

Manager:
Antonio Escudero Bermejo

Project Manager:
Manuel Sainz de Baranda

Civil works production chiefs:
Fabio Gálvez Piñal / Ignacio Záforas y De Cabo

Surveyor:
Luis Rubio Rodríguez

Safety and Quality:
Jesús Rodríguez Gómez

Mechanical equipment:
Francisco Urquijo Zamora / Juan Antonio Mateos Monforte

Site Foremen:
Manuel Acevedo López / Antonio Páez Delgado

Site office staff:
Fernando Lancharro Alberti

FCC built the southern basin of Castellón harbour

Francisco Camps, the President of Valencia's Regional Government, inaugurated the new southern basin at Castellón Harbour. The objective of this project was to double the area of this maritime infrastructure. FCC was in charge of the execution of this 1 billion euro project deemed essential for launching a major logistics platform in the province of Castellón.

The project, which occupies 217 hectares, involved the construction of a double outer sea wall measuring 800 metres in length with a crowned jetty constructed with reinforced concrete caissons, in addition to



dredging operations consisting of a total volume of 3.5 million m³, with this material subsequently used as filling to increase the surface by claiming this land from the sea. More than 3,200 m³ of dykes were also built as well as 3,700 m of service roads.

This major project required more than 215,000 m³ of concrete, 620,000 tons of breakwater, more than 5.5 million kilograms of steel, and nearly one million cubic metres of quarry material for the construction of the quays, creating a sheltered area of water measuring 140 hectares.

Technical team

Head of the Technical Office:
Francisco Sánchez Gómez

Production chief for the floating dock:
Enrique Arana García

Health and Safety Technician:
Helios García Asensio

Surveyor:
Benjamín Garriga Castelló

Foremen:
José Campos Salom/ Andrés Rodríguez Marrero

Head of Administration:
Rafael Guiralt

Draughtsman:
Antonio De La Blanca

SERVICES



FCC to build AND operate a sewage treatment plant in Cairo

FCC wins tender for the construction and 20-year operations concession for a wastewater treatment plant in the Egyptian capital. The project represents more than 360 million euro in revenues.

Egypt's Ministry of Housing, Public Services and Urban Development has awarded the contract to design, build, finance and maintain (DBFM) the New Cairo sewage treatment plant in Cairo to a consortium in which Aqualia, FCC's subsidiary specialised in end-to-end water management, has a 50% stake in partnership with Egypt's Orascom Construction Industries. The tender was coordinated by the International Finance Corporation, which is a member of the World Bank.

The public-private partnership will obtain revenues of more than 360 million euro over the course of the 20-year concession.

FCC's competitors for the contract included top international companies in the sector, such as Veolia, Kharafi, Metito and Befesa and its bid was the rated as the best.

The plant will treat the sewage of more than a million people and will have the capacity to treat 250 million litres of water per day. The sewage



Land where the installations, which will occupy nearly 500,000 m², will be built.



Wastewater treatment plant at El Ejido, Almeria, managed by Aqualia.

treatment plant and the sludge storage zone will span areas of 305,506 m² and 192,671 m², respectively.

The plant will have a water processing line including 4 pretreatment and primary decanting lines, 6 biological treatment and secondary decanting lines and 10 tertiary treatment lines; it will also have a sludge treatment system with 6 thickening lines (3 for primary sludge and 3 for secondary sludge), 4 anaerobic digestion lines and 8 dehydration lines.

Over 360 million euro in revenues

The treated water will be stored in existing settling ponds for reuse in irrigation, and the sludge will be reused for

Over 360 million euro in revenues

agricultural purposes. The biogas produced will be used to heat and operate the sludge treatment system.

This is Aqualia's first contract in Egypt and it extends the company's international outreach, particularly its strategy to expand in North Africa, where it is already building two of the largest desalination plants on the continent in the Algerian towns of Mostaganem and Cap Djinet. Aqualia is also actively bidding for new water infrastructure contracts in Libya, Morocco and Tunisia. In the Middle East, the company has opened a business development office in the United Arab Emirates; it has projects under way in the UAE, as well as in Bahrain, Qatar, Oman and Saudi Arabia, where there are prospects for major business opportunities in the coming years.

250 million litres of wastewater to be treated per day

Aqualia manages more than 300 water treatment plants worldwide (Spain, the Czech Republic and Portugal, etc.) that treat more than 400 million cubic metres of waste water each year and ensure it returns to the environment under optimal conditions, which is crucial for the sustainable development of cities and a fundamental part of the comprehensive water cycle.

Leading operator in the world

Aqualia, which ended 2008 with revenues of 845 million euro and a backlog of almost 12 billion euro, remains committed to expanding abroad; it currently operates in the Czech Republic, Portugal, Italy, Algeria, China and Mexico, serving more than 26 million people worldwide.

FCC's foray into the water management business began in 1990, and in less than two decades it has become one of the world's leading companies in the sector.

In Spain, Aqualia has a 34% share of the outsourced water management market. The company provides water services in 1,100 municipalities to more than 26 million people. In 2007, Aqualia was named "Water Company of the Year" by the prestigious international magazine Global Water Intelligence, a fitting tribute to its track record and international scope. It was also awarded the Customer Service Leadership of the Year award by prestigious UK consulting firm Frost & Sullivan.



The FCC-built Casaquemada wastewater treatment plant in San Fernando de Henares, Madrid.



FCC lands water supply contract in Mexico

A consortium comprised of Mexico's ICA and Aqualia, FCC's subsidiary specialised in end-to-end water management, has been awarded the contract to supply drinking water to El Realito, Mexico; the project includes designing, building, financing and operating a drinking water treatment plant for 25 years. The contract represents almost 750 million euro in revenues.

Water supply for a population of 850,000 people

The project, which will cost over 130 million euro, includes: a plant that will treat more than 86 million litres of drinking water daily; a 132-km aqueduct to transport the water from

Santa María River to the states of San Luis Potosí and Guanajuato, supplying 850,000 people; three pumping stations; a buffer reservoir; five treated water reservoirs; access roads; four electric power substations; and a communications and control system.

The San Luis Potosí State Commission of Water, which heads the project, selected the Aqualia/ICA bid over other bidders such as Degrémont (France), Befesa (Spain) and Ideal and Makro (Mexico).

The project is expected to begin in January 2010, and the first two years will focus on the construction of water

Approximately 750 million euro in revenues

infrastructure. FCC Construcción, Aqualia Infraestructuras and Proactiva Mexico will build and operate the infrastructure.

This contract will strengthen Aqualia's position in Mexico, which is a key country in the company's growth and international diversification strategy; in just a few years, Aqualia's extensive experience in PPP projects has made it a benchmark company in the various areas where it operates. Since 2007, Aqualia has been working on the Aqueduct II project in Querétaro, the country's largest waterworks since the 18th century.

The largest waterworks project ever awarded in Mexico

A consortium led by FCC is building the Querétaro Aqueduct II waterworks that it will also manage during a 20-year period. Revenues are estimated at 330 million euro.

This project, which will have an impact on the future of Querétaro, involves the construction and operations of a pumping, channelling, treatment, and distribution system for drinking water from the Infiernillo springs at the banks of the Monctezuma River in the city of Santiago de Querétaro.

The first aqueduct in Querétaro, built in 1738, has become of the city's landmarks. Measuring 1,280 metres in length and supported by 74 arches, the infrastructure has supplied drinking water to the population.

The consortium will be making an investment of 177.8 million euro. This civil works project is expected to be able to transfer 50 million cubic metres per year of water from the semi-desert region to the metropolitan area of Querétaro.





Aqualia's concession in Novelda, Alicante extended until 2029

The local authorities of Novelda extend the drinking water supply and sewage contract with Aqualia, executed in 1998, until 2029. With sales of over 2.2 billion euro per year, the contract generates more

than 36 million euro in revenues. Aqualia has agreed to build a new drinking water deposit, worth an investment of about 350,000 euro, with storage capacity of up to 500 cubic metres.



From left to right: Jaime Estornino, Civil Governor of Portalegre; Artur Vidal, Director of Aqualia in Portugal; Nuno Miguel Fernandes Mocinha, Deputy-Mayor of Elvas; José Rondao de Almeida, the Mayor of Elvas; Roberto Pérez, Director of Aqualia's Europe Division; and Jesús Rodríguez, Aqualia's representative in Extremadura-Portugal.

FCC inaugurates its first customer service office in Portugal

Through its subsidiary Aqualia, FCC opened its first customer service office in Elvas (Portugal) a border city close to Badajóz with a population of 25,000. José Antonio Rondao de Almeida, the city's mayor, and Nuno Miguel Fernandes Mocinha, the deputy-mayor, were present at the event. Aqualia plans to make major

investments to upgrade the water supply and treatment systems. As the company's third contract in Portugal, together with the ones in Campo Maior and Abrantes, it opens the door to the Portuguese water market where the company provides services to a population of more than 75,000.

Water management contract at Albinyana, Tarragona

From left to right: the Counsellor of Services and Deputy Mayor of Albinyana, Francisco Cohard with Juan Luis Castillo, Manager of Aqualia's East Zone Department after executing the contract.



Aqualia and Albinyana, Tarragona local authorities executed a 20-year end-to-end water management contract.

This is the second contract awarded to Aqualia this year in this province. The company had been previously awarded other contracts in various cities in Tarragona: Vendrell, La Bisbal de Penedés; L'Ametlla de Mar; Tivissa; and Rasquera. Aqualia is also in charge of maintenance, management, and operations of two wastewater treatment plants in the Lower Ebro region in the towns of Tortosa, L'Ametlla de Mar, L'Ampolla, and El Perelló.



From left to right; Jean-Patrick Marquet, Director of EBRD's Municipal Infrastructures and Environment Department; Roberto Pérez, Director of Aqualia's Europe Division; Varel Freeman, First Vice-Chairman of EBRD; Miguel Jurado, Aqualia's Deputy Director General of the Development and International Department; Susan Goeransson of EBRD's Municipal Infrastructures and Environment Department; and Rafael Pérez, Aqualia's Director of Development in the European Zone Division.

FCC and the European Bank for Reconstruction and Development (EBRD) create a water infrastructure management company

Aqualia and the European Bank for Reconstruction and Development (EBRD) have entered into an agreement to create Aqualia New Europe to manage water infrastructures.

The new company, in which Aqualia will hold a 51% stake, aims to improve and upgrade water management systems in Central and Eastern Europe through direct investments in infrastructure and by acquiring stakes in companies providing water services.

The company's total capital is 163 million euro, which will be disbursed as needed.

This project will bolster Aqualia's foothold in the water sector in other countries and enable better management and use of European funds for infrastructure development. Aqualia's work in

other fund-recipient countries, such as Spain, confirms its position as a reliable expert manager of investments funded by the European Union.

Aqualia has undertaken to submit all work on recipient countries' networks and infrastructures and the takeover processes to strict financial and environmental oversight.

In 2006, Aqualia acquired SmVak, the Czech Republic's third-largest water management company with more than 500 concessions nationwide, ensuring Aqualia's competitiveness in the area, whose water management sector boasts immense growth potential. At 2008 year-end, SmVak's revenues amounted to around 67 million euro (up 23%) and EBITDA totalled 17 million euro. The company operates in various countries in this region.





FCC inaugurates energy-from-waste plant in Austria

ASA, an Austrian subsidiary of FCC, has inaugurated a facility for burning municipal and non-hazardous industrial waste to generate electricity in Zistersdorf, a town located about 50 km north of Vienna and 70 km from Himberg, the ASA Group's Austrian headquarters.

Sales during 30-year useful life of the facilities are estimated at 600 million euro. The 96 million euro investment was financed with a syndicated loan with Bank of Austria Creditanstalt as the lead manager

The following were present at the event: the Governor of the Federal State of Lower Austria, Erwin Pröll; the Vice-Governor of the Federal State of Lower Austria, Nowohrodsky; the mayor of Zisterdorf, Wolfgang Peischl; plus the mayors of other Austrian cities and numerous personalities

and mayors of cities and towns where ASA operates in Central and Eastern Europe.

José Luis de la Torre Sánchez, CEO of FCC Services headed the FCC delegation attending the event. An open-door event was organized after the inauguration ceremony to allow the public and residents of the area to visit the incineration plant.

Investment in this project, totaling 96 million euro, was financed with a syndicated loan lead-managed by Bank of Austria Creditanstalt.

Built on a 10-hectare site owned by FCC, the plant can process 130,000 tonnes of municipal, commercial and non-hazardous industrial waste per year (70% of which will arrive by rail) to generate electricity.

The plant uses Von Roll Inova furnace technology. Its rated power generation capacity is 14.5 MW net, and it can export up to 99,450 MWh of power to the grid each year, enough to supply a town with over 30,000 homes. Between the first fire in late March and the end of May, the plant burned over 20,000 tonnes of waste.

The plant was built on a turnkey basis by Von Roll Inova, which subcontracted construction to FCC subsidiary Alpine Myreder. Project supervision was entrusted to engineering firm Inerta, an ASA subsidiary. Construction began in January 2007.

ASA has already contracted the plant's entire waste incineration capacity with third parties and some of its own subsidiaries whose waste is required by law to be incinerated.

As a result of this operation, ASA is now a leader in Austria's incineration industry. In the UK, FCC subsidiary WRG is the leading energy-from-waste company.

Since it was acquired by FCC, ASA has pursued a policy of expansion into neighbouring countries.

Start of activities in Serbia

ASA has started operations in Serbia. In the city of Kikinda, the company will be providing household and commercial waste collection



services and will build a controlled landfill for the city and surrounding areas under a 25-year concession, providing services to a population of 140,000 people. It will also manage waste collection services in the Lapovo region and will build and operate a landfill under a 25-year concession, providing services to more than 100,000 residents.

The company was awarded several contracts in 2008 in Austria, the Czech Republic, Slovakia, Poland, Hungary, and Romania. Annual sales are estimated at 25.5 million and backlog totals more than 155 million euro.

The following were present at the event: the Governor of the Federal State of Lower Austria, Erwin Pröll; the Vice-Governor of the Federal State of Lower Austria, Nowohrodsky; the mayor of Zisterdorf, Wolfgang Peischl. FCC Services was represented by José Luis de la Torre Sánchez, CEO of FCC Services and by Tomás Núñez, Director of FCC Medio Ambiente Internacional.

Investments in acquisitions and new activities

In 2008, ASA invested more than 20 million euro in acquiring companies and new activities in Bulgaria, the Czech Republic, and Hungary:

- Scheele Bulgaria, a company that provides waste collection and street cleaning services to more than 700,000 people in more than 15 Bulgarian cities, such as Pleven, Dobritch, Lovetsch, and Razgrad, generating annual

revenues of more than 6 million euro.

- The UHY s.r.o. and Repista landfills in the Czech Republic
- Avermann Kft (Hungary), a company that provides municipal, commercial, and industrial waste collection services in the Budapest area.



Above these lines, a view of the city of Zistersdorf.

waste, street cleaning, and winter service contracts in the cities of Kielce, Lubliniec, Zabrze, and Tarnobrzeg in Poland.

Bulgaria, the Czech Republic, and Hungary

In the first four months of 2009, ASA has been awarded contracts in Austria, the Czech Republic, Slovakia, Hungary, Poland, Romania, and Bulgaria, all of which will generate more than 70 million in revenues.

These include a 5-year contract generating 2.1 million annual revenues for the collection and treatment of municipal waste at AWW Graz-Umgebung; a 3-year wastewater treatment contract with SMVAK (Czech Republic) which will generate one million revenues each year; the contaminated soil recovery project in Kamenolom (Srdce) in Slovakia, for two years and generating 10 million euro annual revenues; municipal waste collection and street cleaning contract for a district in the city of Sophia, for two years; and a 10-year contract for providing street cleaning and winter services in Pleven I which will contribute 700,000 euro revenues/year.

The most important contracts include the treatment and disposal contract with the BAWU Communities Syndicate (Lower Austria) for a 10-year period and 2.6 million euro in annual revenues; the recovery of contaminated soil in Koramo (Kolin) in the Czech republic, a 3-year contract representing 3.3 million euro in annual sales; a 5-year contract for street cleaning and winter services for a district in the city of Bratislava (Slovakia) generating 1.6 million euro in annual revenues; and several other

Acquisition of ASA

At the end of 2005, FCC acquired Abfall Services AG (ASA) from the French utility EDF, paying 224 million euro and assuming ASA's net debt totaling 51 million euro.

With its headquarters in Himberg, near Vienna, ASA is the leading company in providing comprehensive waste management and treatment services, including collection, transport, disposal, landfills, classification, and recycling for municipal, commercial, industrial, and private clients in the region.

It operates in Austria, the Czech Republic, Slovakia, Hungary, Poland, and Romania. The company has plans in an advanced stage for diversifying into other countries such as Slovenia, Croatia, Bulgaria, and services.

ASA manages 20 controlled landfills with 21.9 cubic metres of available capacity. It handles 1.5 million tons of waste per year, provides services to a population of 2.5 million, and bills 54,000 commercial and industrial clients.



The Tarazona, Zaragoza, City Council unveils new street cleaning service

On 19 May, Luis María Beamonte, the mayor of Tarazona, and Alfredo Chipriana, the local government's representative in charge of street cleaning services, unveiled the new street cleaning and cardboard collection services which were recently awarded to FCC for a 12-year period.

The event took place in front of the City Council building, exhibiting the fleet of vehicles and machinery which will be used to provide street cleaning services.

New equipment was incorporated, including a pressure wash system truck with an 8-cubic meter deposit; a sweeper with greater capacity and another one specially designed for cleaning sidewalks; an Ampliroll with a hook lift and open container; and a fully equipped van. The contract also contemplates the replacement of trash and

dog-fouling bins. This new service introduces significant upgrades such as more personnel for manual street cleaning; maintenance sweeping in the city's historic and commercial district; Sunday cleaning services, including manual and mechanical sweeping and mechanical washing services.

The contract also contemplates a specific cleaning brigade for parks and gardens and cleaning services in the outskirts and in industrial parks.

Cardboard deposited in containers will be collected on a weekly basis and from Monday to Saturday door-to-door collection services will be carried out for small shops and enterprises. In addition, cardboard collection services will be performed twice a week, except in commercial districts where it will be provided on a daily basis.

A slogan for Tarazona

The winner of the contest organized by the local authorities for schoolchildren was the slogan "Tarazona, re que Te Limpia" (Super clean Tarazona). This new slogan will identify the new street cleaning and cardboard collection vehicles that will be used to provide these services to the city.



FCC to process hazardous waste in Sicily

A consortium headed by FCC Ámbito, the FCC subsidiary specialised in processing and managing industrial waste, has won the tender held by I.A.S., Industria Acqua Siracusana, to condition, collect, transport and process 257,000 tonnes of sludge classified as hazardous waste in eastern Sicily (Italy). The contract is worth 60 million euro.

Services will be provided for a maximum period of 700 days. The sludge, which is the result of sedimentation of industrial waste water over a period of years, is currently confined in two impermeable ponds, from which it must be extracted, conditioned, loaded and transported to port for shipping to recovery and recycling plants.

FCC Ámbito is acting as project leader because of its

experience and track record in similar jobs, including notably the recent decontamination of the pond at Flix (Tarragona, Spain), involving over 1 million tonnes of waste, in a project worth 155 million euro; the dismantling and decontamination of the aircraft carrier USS John F. Kennedy; and the cleaning and decontamination of the

national steel mill in Maia (Portugal), involving over 35,000 tonnes of waste.

In 2008, FCC Ámbito's revenues increased 53%, largely as a result of international

growth, especially in the US, and to opening an integrated waste management plant in Portugal. The company now has 98 operational facilities, 40 of which are outside Spain.

In 2008, the company processed 2,560,000 tonnes of

**Will handle
257,000 tonnes of sludge
classified as hazardous
waste**



waste in Spain, 8% more than in 2007. In the US, FCC *Ámbito*, S.A. recycled 60.3 million gallons of spent oil for use as alternative fuel.

Early in 2008, it acquired 100% of US companies Hydrocarbon Recovery Services and International Petroleum

Corporation, which specialise in collecting and processing oils and hydrocarbon residues; the two companies now operate under the FCC Environmental brand. This acquisition positioned FCC as the leading hydrocarbon waste manager in the central and eastern coast of the United States, and as the second-largest nationwide

Construction and operations of a waste treatment and recycling plant in Guipúzcoa

FCC *Ámbito*, through its subsidiary EKONOR, in a partnership with another company, has been awarded a contract put out to tender by the multinational ARCELORMITTAL. The contract contemplates the construction and a 30-year operations concession of a plant for the treatment, recycling, and subsequent transformation of steel-making slag at its three steelworks in the province of Guipúzcoa.

The first of its kind in Spain, contemplating the treatment of

more than four million tones of waste, the contract will generate 25 million euro revenues.

The technology to be developed at these new facilities will make it possible to recycle large amounts of steel-making slag into a material to replace natural quarry aggregates which can be sold in the market for various purposes as has been the case in other European countries and the rest of the world.



OPEL Spain once again places its trust in FCC Logística

FCC Logística has entered into an agreement with OPEL Spain for Outsourced SILS services at its Figueruelas (Zaragoza) facilities. It has also extended the contracts for Plant Shipment (IPS), Internal SILS, Emptying and Dispatch services. The new agreement will generate approximately 2.5 million in annual revenues.

This new contract contemplates reception, storage, pre-assembly of sub-parts, sequencing, and pendular transport of materials to the assembly plant, as well as point-of-us supply in Kanban and Sequencing processes. This new operational process will involve pieces such as suspension, boxes, radiators, tool boxes, and loose parts.

Collaboration with OPEL

OPEL Spain's confidence in FCC Logística is underscored by this new contract. The relationship dates back to 2000

when OPEL selected FCC Logística for managing its Consolidation and Sequencing of Materials (SILS) facility at its Azambuja, Portugal plant.

In 2003, OPEL Spain awarded FCC Logística a contract the Inter Plant Shipment (IPS) handling service at its Figueruelas plant. This contract contemplates the removal of material from the bodyworks production lines and its transfer to OPEL's plants in Eisenach, Germany and Azambuja, Portugal facilities. A key aspect of this service, which is of particular value, is monitoring production plans at the plants to which material is supplied and the proper optimization of transport to the installations.

As part of the non-core activity outsourcing plan implemented by the European multinational within its Olympia Plan, in 2004 the company selected FCC Logística for developing the CHASIS activity, which mainly

involves the supply of materials to the

various units that manufacture the rear axle crossmember and sub-frame, and the sequenced supply of these elements to OPEL Spain's manufacturing and assembly plants.

In 2006, OPEL Spain selected FCC Logística for creating an in-house SILS service in Building 21 at its facilities. At this location, FCC Logística performs the same activities as in External SILS except for pendular transport, which involves

parts such as headlights, air filters, windshields, rear axles, front modules, exhaust pipes, silencers, additional heaters, alternators, compressors, bearings, engine supports, and gearshifts for the three models manufactured by GM Spain.

A year later, in September 2008, OPEL Spain awarded FCC a contract for reverse logistics management for empty containers generated at Plant III and subsequent shipment to other plants from Dispatch-42.



Operating in Aragón since 1996

FCC Logística, specializing in the design, implementation, and operation of projects involving the entire logistics chain for handling materials, started its activities in Aragón in 2006 after being awarded a contract by IBERCAJA, the leading financial entity in Aragón. The contract contemplated management of its main warehouse and the preparation of orders for its headquarters and the nearly 1,000 branches nationwide.

Since 1998 to date, FCC Logística has provided services from its Zaragoza logistics facilities to companies such as Delphi Automotive System for its Tarazona plant (CETASA) managing its raw materials warehouse and supplying the plant itself. It has also provided services to the Belchite (CISA) plant, managing the warehouse of finished products and scheduled shipments to the GM plant in Eisenach (Germany) and Azambuja (Portugal) plants, and to the SILS within GM Spain's plant in Figueruelas.

The company has also provided other types of services, such as managing various projects consulting and training programs in Zaragoza for a wide range of clients, such as the Chamber of Commerce, the Confederation of Businessmen of Zaragoza, and the Development Institute of Aragón; as well as for other companies such as Hispano Carrocera, Perfiles Aragón, Lackey-Teka, and Airtex Products.

Recognition

FCC Logística was awarded an Honor Plaque 2009 by the Spanish Confederation of Merchandise Transport (CETM, acronym in Spanish) in recognition for its support of the development of transport facilities in Spain. Ramón Vázquez, the Chairman of the Association of Transport Centres in Spain (ACTE) handed the award to Luis Marceñido Ferrón, Managing Director of FCC Logística as recognition for the company's strategic decision of placing several transport and logistics service platforms within the facilities of several ACTE members.

The award ceremony took place at Hotel Melía Castilla (Madrid) during the General Assembly of the Spanish Confederation of Merchandise Transport (CETM).



Luis Marceñido Ferrón, Managing Director of FCC Logística, and Ramón Vázquez, Chairman of the Association of Transport Centres.

ANALYSIS

FCC Medio Ambiente a reference in park and garden management and maintenance

The Iberian-American Congress of Parks and Gardens, organized by the Spanish Parks and Gardens Association, held the sixth edition of this event in Póvoa de Lanhoso, Portugal.



Catherine Milhau

Director of the C&D Department
FCC Environment Division

Sustainability of green spaces, the theme of this year's seminar, enabled the discussion of the most relevant aspects in relation to sustainable design, water in the landscape, quality and sustainable maintenance, as well as the use and social role of parks and gardens. FCC's participation at this conference gave the company the opportunity to describe, based on the specific example of its park and garden maintenance and upkeep contract with the Cartagena (Spain) City Council, and from the standpoint of a management company that, despite the current economic crisis, it is possible to manage green spaces based on the commitment to sustainability as contemplated in the FCC Group corporate responsibility policy.

Along these lines, the FCC Environment Division, backed by its more than 25 years' experience in the sector, the professionalism of its 1,871 collaborators, and the nearly 3,100 green spaces under its management that contribute to improving the quality of life of 2.9 million Spaniards, is designing an

interactive work platform based on Information and Communication Technologies (ICT). This new platform will make it possible to:

Share experience. The technical staff in charge of Park and Garden management will have a tool that will make it possible for them to share good practices and experiences, all of which will redound in the benefit of the company's stakeholders (clients, employees, citizens, suppliers, etc) and our natural environment (rational use of water resources, less aggressive phytosanitary products, conservation of biodiversity...).

Draft a reference framework on good practices and efficient management methods based on the

**Permanent
commitment to
the environment
and
sustainability**



diagnosis of the context and inventory of good practices in relation to:

- The optimization of the use of natural resources (techniques employed, monitoring and control (GIS).
- Selection of plant species (resistant to drought and pollution).
- The use of alternative methods (biological, integrated, using recycled water for irrigation and sprinkling).
- Specific cultural practices (in

relation to pruning, etc.).

- Green purchases (biodegradable products, organic fertilizers, eco-labels...).
- Less pollutant materials and equipment (reduce noise, light and emissions to air (greenhouse gases).
- Protection of biodiversity, etc.

Permanent commitment to the environment and sustainability.

- Develop R+D+i projects in

collaboration with scientific organizations.

■ Social efficiency: personnel training and specialization, occupational hazard prevention policy, promotion of social initiatives in favour of the disadvantaged, awareness and education of the public.

These measures aimed at a differentiated management of green spaces can be illustrated by the various practices already implemented or in the development phase.

With regards to the efficient use of water, even though it is still too early to quantify the amount of water used in the irrigation and sprinkling of parks and gardens due to the lack of reliable measurement systems, we can make a preliminary assessment of the measures taken aimed at rationalizing the use of water. These measures include, for example, the implementation of automated surveillance systems, localised spray or sprinkling irrigation, plus the use of alternative sources.

Using the group of green spaces that we manage as a reference and based on verifiable data, we can highlight some of the trends. With regards to the design and organization of the various green spaces that we manage, the irrigated area of a garden accounts for about 50% of its total size, with the automatic sprinkling system cover-

ing 80% of the total area. In order to reduce water consumption in the system, we confirmed that 44% of the surface is irrigated with water from alternative sources. Half of it is non-drinking water from wells or the surface and the other half is recycled water. The selection of species which are more tolerant to draught, such as the introduction of hybrid Bermuda in



the lawns of the Manzanares Park in Madrid, is an example of the need to adapt when water resources are limited.

As to our involvement in the preservation of biodiversity, the role that we play is of particular importance when we conduct our activities within or near areas that are classified and legally protected by competent authorities. This is the case of the historic-artistic gardens of Madrid, such as El Capricho (17.6 hectares) and

Sabatini (2.4 hectares) as well as lawns of the Royal Gardens (18.29 hectares) and of Alameda Park (5.52 hectares) in Valencia, both of which are classified as Cultural Interest sites. This is also the case in areas adjacent to protected areas, such as the La Grajera Golf Park next to the wetlands of La Grajera National Park that is governed by the

Special Environmental Protection Plan of La Rioja.

Historical gardens, due to their cultural heritage value, require the development and implementation of specific techniques, such as topiary and therapeutic pruning, the control of pests, plagues, or plant diseases using less aggressive methods to protect unique classified trees, as well animals, birds of prey, insects, and chiropters that require protection. We manage a golf course that is right next to the

Grajera National Park, the natural habitat of many animal and plant species, and, therefore, we had to incorporate technologies that contribute to reducing light pollution and use renewable energy by installing solar and photovoltaic panels in the buildings to generate electricity, in addition to using vehicles that run on electricity in order to eliminate pollutant emissions to air.

Lastly, and although it may seem obvious, park and garden maintenance activity generates tangible benefits that redound in social welfare and quality of life, and contributes to the city's "green" image. This strong symbolic value gives us the opportunity to play a social role in respect of: a) our staff, whose professionalism and activities should be nurtured, diversified, and enriched by promoting ongoing training opportunities and having a policy aimed at preventing occupational hazards (35% of the staff

received training in 2008); b) socially disadvantaged groups by fulfilling our commitment of incorporating them in the workforce (through cooperation programs with specialized entities in Zaragoza, Cartagena...); and, c) the public, by ensuring that our day-to-day work in maintaining and preserving natural resources contributes to increasing the community's awareness, knowledge, and respect of the city's parks and gardens and the conservation thereof.

REAL ESTATE



plaza
nueva
parque comercial

bienvenido



REALIA invests 80 million euro in the Plaza Nueva shopping centre in Leganés, Madrid

The incorporation of this new asset will enable the REALIA Group to continue to increase its revenue from property rentals. In 2008, rental revenues from shopping centres boosted income by 55.5% to 27.7 million euro.

On 27 May, REALIA inaugurated the Plaza Nueva shopping centre in Leganés (Madrid). The centre consists of medium-sized retail outlets and a shopping arcade, in which the group has invested a total of €80 million. The mayor of Leganés, Rafael Gómez Montoya, accompanied by the representatives of the municipal groups, members of the Government team, and the municipal corporation attended the event, in addition to the Secretary for the Economy and Treasury, Antonio Beteta, and REALIA's CEO, Ignacio Bayón.

Situated in the northern part of Leganés, the Plaza Nueva commercial park is easily accessible by road, making shopping



The mayor of Leganés, Rafael Gómez Montoya, accompanied by the Secretary for the Economy and Treasury, Antonio Beteta, and REALIA's CEO, Ignacio Bayón at the inauguration ceremony.

easier for clients. The project was built in a 131,400 m² plot of land, with 98,684 m² of buildable space of which 70,000 m² is commercial space.

Pie de foto: The mayor of Leganés, Rafael Gómez Montoya, accompanied by the Secretary for the Economy and Treasury, Antonio Beteta, and REALIA's CEO, Ignacio Bayón at the inauguration ceremony. The commercial centre was designed like a large square with everything within easy reach so that there is no need to use the car within the park itself. It features a car park with 3,000 parking spaces of which 1,600 are covered. It will house specialised fashion, footwear, food, DIY, toy and car operators, which include Carrefour, Bricomart (Leroy Merlin Group), Decathlon, Worten, Toys R'Us, Kiabi, Merkal, Cóctel, Feu Vert and VisionLab, as well as small retail outlets in the shopping arcade in front of the hypermarket.

The Plaza Nueva in Leganés will bolster REALIA Group's equity and income by increasing the gross rentable area (GRA) of its shopping centre portfolio by 50,949 square metres, thereby increasing the GRA of shopping centres in operation by 51%.

At the same time, the new project will have a significant impact on the local and regional economy as it will create employment for over 1,000 people, 700 of which are direct jobs and the remainder indirect, not counting the labour employed in its construction. The real estate group, owned by FCC and Caja Madrid, developed Plaza Nueva in two phases: 87% of the first phase. For the second phase, REALIA has a land bank of 27,000 square metres of GRA.

REALIA bolsters its strategic plan with the opening of the Plaza Nueva, shoring up its Property business

The addition of this new asset to the REALIA Group's portfolio will enable it to continue increasing its income from asset rentals. In 2008, income from the leasing of shopping centres rose 55.5% to €27.7 million. This sharp growth was mainly driven by the increase in occupancy rates, the

review of rents in lease agreements that expired during the year, and the commencement of operation of the Ferial Plaza, Guadalajara and La Noria Outlet Shopping (Murcia). REALIA consolidates its strategic plan with the opening of the Plaza Nueva shopping centre, thus strengthening its property business as it increases the supply of group-owned shopping centres available for lease. The company's portfolio already includes the following assets:





The park's structure

The commercial centre was designed like a large square with landscaped areas and a large car park, making it an ideal space for families to enjoy a relaxed shopping experience. It has an outstanding commercial offering, including a hypermarket, sports shops, DIY, fashion, footwear, toys, electronics, auto services, and a shopping arcade with more than 20 outlets offering many different services: telephony, hairdresser, cafeterias, parapharmacy, opticians, dry-cleaners, sports, jewelry, videogames, etc.

- Plaza Nueva, first phase, with a GRA of 50,949 m².
- Ferial Plaza in Guadalajara, which opened in 2007 with a GRA of 31,868 m².
- La Vaguada, in which REALIA has an outlet with 19,263 m² of GRA.
- Nervión Plaza in Seville, with a GRA of 16,084 m².
- La Noria Outlet Shopping Murcia, opened in June 2008, with a GRA in the first phase of 13,807 m².
- Manuel Becerra O2 Wellness: 8,591 m² in the centre of Madrid.
- Twin Towers in Lisbon (Portugal), where REALIA has 4,260 m² of GRA.
- Centro Comercial Espolón in Soria, with 2,900 m².
- Jardín de Serrano in Madrid with 2,115 m² of GRA.
- Centro Comercial Espolón, en Soria, con 2.900 m².
- Jardín de Serrano in Madrid with 2,115 m² of GRA.

In addition, REALIA is currently developing the As Cancelas shopping centre in Santiago de Compostela (La Coruña) with a 50,812 m² of GRA and plans to develop new phases in the La Noria

and Plaza Nueva shopping centres with a combined GRA of 60,000 square metres.

Growth

REALIA closed 2008 with turnover of 468.7 million euro and gross earnings (EBITDA) of 211.7 million euro. A large part of this income was generated by the Property business, which it develops through shopping centres in Spain, and offices in Spain and France which are operated by the listed subsidiary, SIIC de Paris, in which it has a controlling stake of 82.97%. Overall, the Property Division manages 719,140 m² of assets, of which 498,597 m² are already in operation and 220,543 m² are currently in the development phase. In 2008, income generated by Property operations, which include offices and shopping centres, increased 14.3% to 176.9 million euro. At the same time, EBITDA from these operations increased 21.2% to 128.7 million euro, and average occupancy rates increased one percentage point to 96.7%. Enhanced performance is due to the strategy implemented by the group's chairman, Ignacio Bayón, over the past three years. Anticipating the change in the economic cycle, REALIA significantly strengthened its property operations in prime areas, expanded internationally and considerably reduced its exposure to the Spanish residential market.

Furthermore, REALIA has a solid financial structure based on a syndicated loan of 1,632 million euro with long-term maturity, which has been earmarked for funding the Property business and several projects that are currently underway.



SOCIAL RESPONSIBILITY





FCC's Board of Directors has approved the company's Environmental Policy

The Environmental Policy was established by the FCC Group based on its awareness of the importance that society attaches to the preservation of the environment and the responsible use of available resources.

FCC's Board of Directors has approved the company's Environmental Policy, which responds to the targets set in the 2009-2010 Corporate Responsibility Plan. This plan strengthens the social commitment of FCC, a company heavily involved in environmental services.

The FCC Group conducts its activities based on corporate ethics and respecting relations with its stakeholders and its commitment to act in a responsible and sustainable fashion in order to generate wealth and welfare for the community.

Aware of the importance to society of environmental preservation and the responsible use of available resources, FCC has undertaken to promote and boost eight Group-wide commitments underpinning its Environmental Policy:

- Ongoing improvement.
- Control and oversight.
- Preventing climate change and pollution.
- Observation of the surroundings and innovation.
- The life cycle of our products and services.
- Our employees' necessary involvement.

The approval of FCC Group's Environmental Policy coincided with the UN's annual World Environment Day on 5 June.



Strengthen and improve

The corporate social responsibility strategy must contribute to promoting, strengthening, and improving FCC Group's commitment to its stakeholders, the communities, and markets where it conducts its business, as well as with the overall environmental surroundings.

The United Nations aims to use World Environment Day to stimulate worldwide awareness of the environment and enhance political attention and action. One of its main goals is to give a human face to environmental issues, empowering people to become active agents of sustainable development.

The eight commitments contemplated in FCC's Environmental Policy

ONGOING IMPROVEMENT

1. Promote environmental excellence by defining objectives for ongoing improvement in our performance, minimizing the negative impact of Group's processes, products, and services and promoting positive impacts.

CONTROL AND OVERSIGHT

2. Set up environmental indicators management systems for the operational control of our processes that contribute the necessary knowledge for monitoring, assessing, and for the decision-making process and reporting on the company's environmental performance and compliance with its commitments.

PREVENTING CLIMATE CHANGE AND POLLUTION

3. Lead the fight against climate change by implementing processes that cause fewer greenhouse gas emissions, encouraging energy efficiency and promoting renewable energies.
4. Prevent pollution and protect the environment through the responsible use and management of natural resources and by minimizing the impact of emissions, spillages, and the waste that we generate and handle in our activities.

OBSERVATION OF THE SURROUNDINGS AND INNOVATION

5. Identify the risks and opportunities in our activities with respect to our changing environment to promote innovation and the application of new technologies and the generation of synergies among the Group's different activities.

THE LIFE CYCLE OF OUR PRODUCTS AND SERVICES

6. Intensify environmental consideration when planning our activities, purchasing materials and equipment, and in our relationships with suppliers and contractors.

OUR EMPLOYEES NECESSARY INVOLVEMENT

7. Promote knowledge and the application of our environmental principles among our employees and stakeholders.
8. Share our best practices experiences with the different social agents to promote solutions other than those already consolidate that contribute to a sustainable environment.

FCC publishes its fourth Corporate Responsibility Report

For the fourth consecutive year, FCC published its Corporate Responsibility Report for the year 2008, detailing in this document its intention of adapting its management and information gathering systems, and of including new Corporate Responsibility Indicators to expand the scope and improve the quality of published information.

Since 2005, the Group is committed to implementing the reference frameworks most widely accepted internationally governing the non-financial reporting of major companies, especially considering the higher level of transparency demanded of leading companies.

For FCC, communication and dialogue with stakeholders is a priority. Consequently FCC's Corporate Responsibility Division has submitted for the first time the Corporate Responsibility Report 2008 to the company employees' trade union representatives.

The report details the policies, plans, practices and results of the Group's work and efforts in connection with the most relevant concerns and opportunities for the creation of sustainable value.

The United Nations Global Compact, OECD Principles for multinationals, the Dow Jones Sustainability Index (DJSI); the Global Reporting Initiative (GRI) and other standards have served as the guidelines for the FCC Group's reflection and commitments and for measuring its own actions with regards to its impact and contribution to sustainability.

FCC's policies, management, and results were recognized in 2008 with its inclusion in the DJSI after considering the most relevant corporate aspects.

The FCC Group is among the top ten companies in the global construction industry, as underscored by its Sustainability Asset Management rating, the most reputable annual sustainable performance benchmark for major international companies.

In preparing this report, FCC has applied the international standards of the Global Reporting Initiative (GRI-G3) considering the Series AA1000 Accountability Standards.



FCC holds its first Security Week

The Information Security and Risk Management Division of FCC promotes a Safety Dissemination Project for the company's employees and collaborators in Spain.

Data Protection

The initiative, as part of the Group's Strategic Information Security Plan, aims to increase employees' awareness of aspects such as proper use of e-mails and passwords, the handling of information, and the protection of jobs.

Through its Information Security and Risk Management Division and for the purposes of training its employees on the correct use of technological resources and services for the protection of personal data, FCC has carried out a communication campaign to disseminate the Information Security policies and standards approved in March 2009 aimed at ensuring the confidentiality, availability, and integrity of information.

Information is an essential asset for FCC's activities and the security thereof is a task that concerns all employees, individually and through their collaboration with various departments, services, and units.

The Data Security Week was held under the theme of "The protection of Information involves all of us". This event included other actions, such as the distribution of information three-



page leaflets and posters in all of the Group's business units; information seminars for senior management; and the distribution through the FCC intranet of articles in connection with security, such as the treatment of sensitive information, security with regards to e-mails, and the protection of information in mobile environments. In addition, a video was prepared describing security concepts and practices as well as on-line questionnaire containing 10 questions.

The first campaign of its kind was presented nationwide. The plan is to be extended next year to all countries where the FCC Group conducts operations.



FCC signs commitment to replace 6% of its fleet in Spain with green vehicles

Aware of the importance that society attaches to the preservation of the Environment and the responsible use of available resources, the FCC Group will be replacing 6% of its fleet of vehicles with other less pollutant vehicles before 2012 in order to contribute to the reduction of emissions and to improve air quality. This commitment had been previously announced last 14 April at the 2nd Seminar of the Pro-Climate Forum in Madrid.

This marks another step with regards to the Company's intention of contributing to the implementation of environmental initiatives by

incorporating less pollutant vehicles in its fleet.

The Pro-Climate Forum is an initiative launched by Madrid City Council which combines the efforts of all to fight air pollution. Leading companies in various sectors have joined this initiative the objective of which is to reduce greenhouse gases, thereby contributing to preventing climate change.

The 35 companies participating in the Pro-Climate Forum, including FCC, have agreed to meet periodically to share their ideas on fighting climate change and generating sustainable growth.



Consultations with Cementos Portland Valderrivas Group stakeholders

Drafting the Strategic Sustainability Plan

The information was used as a starting point for drafting the Cementos Portland Valderrivas Group Strategic Sustainability Plan for 2009-2010, approved and in alignment with FCC's 2nd Corporate Responsibility Master Plan.

For the second time, the Cementos Portland Valderrivas Group has organized consultations with its stakeholders, adding three specific sessions: one with representatives from the concrete business, another one with suppliers, and a third session with clients.

These consultations enable to Group to identify the most relevant issues and integrate these opinions in the company's strategies and operations and in the preparation of its Sustainability Report, taking into account the information requirements of those who read this report.

Fifteen sessions were organized with the participation of 75 employees and 54 civil

society representatives. Approximately 300 people have participated in this event this year and last year.

The interlocutors have shown great interest in learning about the Group's performance in issues involving sustainability and the environment. There was a slight increase in the interest shown with regards to economic/corporate governance aspects with a slight reduction in the same proportion with respect to social aspects.

The efficacy of this project is underscored by its results and recognition, such as having been chosen by several reference entities in corporate social responsibilities matters in 2008 as an example of best practices.

First Edition of the joint Aqualia and University of Nebrija Management Development Program

The University of Nebrija and Aqualia entered into an agreement for the joint implementation of a Management Development Program aimed at training professionals able to perform management functions at the company, nationally and internationally.

After nearly five months of classes, alternating theory and practice, the first edition of the Management Development Program was adjourned on 8 May. The Director of the University of Nebrija Business School, Carlos de Benito, and Aqualia's Service Management Director, Enrique Hernández,

handed all the students who participated in the course their diplomas during the closing ceremony.

Taught by professors from the University of Nebrija, outside companies, and Aqualia managers, the program offered the students a global vision of business management. Contents ranged from financial analysis to legal frameworks and innovation, as well as time management, efficient presentations, marketing, clients, and strategic planning.

The objective of the course is to train professionals to have a global business vision, who are able to innovate in a sector that will certainly evolve in the short and medium term driven by the environment.





Aqualia launches an Occupational Hazard Prevention campaign

Aqualia has launched an Occupational Hazard Prevention campaign aimed at its more than 5,000 employees. Under the slogan “You don’t lose a minute in your security, you gain a life. It’s your responsibility”, the objective of this initiative is to reduce the rate of on-the-job accidents by 30% within three years in order to achieve a zero accident rate.

To this end, Aqualia has defined three key objectives: Firstly, increase the visibility of the company’s prevention department; secondly, contribute to increasing employees’ awareness on the importance of prevention in their day-to-day activities; and, thirdly, establish in-house lines of communications with employees.

The company has a completely implemented Risk Prevention Management that has been updated constantly since 2000. As a result of this, prevention is deeply imbedded in the company and the prevention department has been created which, at presently, is responsible for all preventive measures.

In 2005, Aqualia was audited by Audelco and was awarded the OHSAS seal of approval, one of the few companies that have Management System that complies with the OHSAS 18001 standard. This system has made it possible to reduce the rate of accidents by 60% (in 2008, the rate was 27.5 accidents for every 1,000 employees); to significantly improve the safety and health conditions at the work place; and comply with current legislation in this respect. It has also enabled the systematic monitoring of the way management handles prevention issues, progressing year after year in fulfilling the objectives and commitments and gradually increasing its staff.



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The Medina del Campo waste treatment plant; an example of sustainability according to the Spanish Ornithology Society



The Spanish Ornithology Society, representing BirdLife International in Spain, visited the wastewater treatment plant in Medina del Campo to certify the water treatment and recycling project launched by Aqualia.

Thanks to its environmental approach and awareness-building campaigns, the environmental project has succeeded in reducing organic matter arriving at the plant and, through the treatment process, improve the quality of water in the

Aqualia wins award for pond restoration

Aqualia was awarded the Regional Castile-Leon and Valladolid 2009 ECOInnova Prize for its restoration project of the Medina del Campo Ponds.

The person in Aqualia in charge of the project, Patricio Hermosilla explained that "it had not only been possible to fill the ponds, but also to attract 300 birds of 52 different species on an average monthly basis, including some that had not been seen previously in Valladolid and others, such as the Podiceps nigricollis which have built nests.

The project has created an oasis where it is possible to find many different types of birds thanks to the pond's ecological potential, which until recently only two of the ponds had been used for treatment purposes.

In addition to creating new micro-systems, the project also involved several communication and awareness-building campaigns, and open seminars to increase the population's awareness on the correct disposal of fat and oils in the waste water arriving at the plant.



adjacent ponds and the Zapardiel River attracting birds and increasing the population various new species.

During the seminar, a census was prepared of the birds in the ponds, counting 340 birds belonging to 25 different species of anatidae, migratory birds, including a couple of *Philomachus pugnax* that is rarely seen in the Castile-Leon autonomous community. This organization, which groups together various bird conservation associations, is present in more than one-hundred countries.



Cementos Portland Valderrivas selected as the Castile-Leon Solidarity Company 2008 by Intermón-Oxfam

Hope Day 2009 was celebrated in Plaza de España (Valladolid) on 10 May and, as part of the events organized by Intermón-Oxfam, the Solidarity Awards for companies, entities, and educational institutions.

The Intermón-Oxfam Foundation awarded the Solidarity Company Award to Cementos Portland Valderrivas in recognition of its intensive collaboration in development and humanitarian projects, including fair trade promotion initiative during the highly successful open seminar organized last 14 June at the company's Hontoria factory in which more than 1,000 people participated.

**Solidarity
for contributing
to a good
cause**

Jesús Cifuentes, one of the members of the musical group Celtas Cortos, read a solidarity manifesto. Afterwards, a representative of the Intermón-Oxfam Board, Esther Colmenarejo, handed over the prizes to Cementos Portland Valderrivas representatives Luis Sánchez and Carlos San Félix, Manager of the Hontoria Factory, and Sustainability Director, respectively.



The Great World Circus visits the Collado Villalba Home

The Nuestra Casa de Collado Villalba retirement home in Madrid enjoyed the performance of the Australian-Moroccan Messoudi Brothers tightrope walkers.

The tightrope walkers of the Messoudi family, one of the main attractions of the circus, awed

the audience with an impressive and surprising juggling and acrobatics performance. Owned by José María González, the Great World Circus is considered one of the best travelling circuses in Europe. It is currently touring Spain with a program full of impressive attractions from the best circuses in the world.



García Matos Ballets performs for the residents

The residents and volunteers at Nuestra Casa de Collado de Villalba (Madrid) retirement home enjoyed the performance of the García Matos Ballet.

About twenty young performers performed on the stage, offering an exceptional flamenco show of great quality.

Various forms of flamenco styles were performed, including fandangos, tangos and Sevillanas.

Full of colour and feeling, the show elicited the applause of the entire audience. After the show, those attending the show enjoyed an Andalusian snack.

Successful FCC Corporate Volunteer Program

In February last year, the Secretary General of the FCC Group and Chairman of the Corporate Responsibility Committee, Felipe García, unveiled the FCC volunteer program at work centres in Madrid, Barcelona and Valencia. The goal of this program is to create solidarity network comprising FCC Group employees and their family members and friends who can contribute their enthusiasm, knowledge, and time to improve the quality of life and welfare of the neediest groups.

The objectives of this program are in line with those of the Esther Koplowitz Foundation which, for many years, has worked intensively on behalf of those who have the greatest needs, thanks to the concern, generosity, involvement, and philanthropy of Esther Koplowitz, the company's major shareholder.

Fortunately, this project has grown thanks to the unselfish contribution of various FCC employees who spend part of their time with senior citizens with limited resources who have dependency problems, and who appreciate the valuable minutes spend in their company. In the first phase of the project, the activities focus on providing company to the residents, organizing workshops, films, conferences, shows, birthday parties, and other types of events that have brought cheer and happiness to these individuals.

Javier López Galiacho, the Director of FCC Group Corporate Social Responsibility said that "with modesty, and hardly with any noise, all participants have brought joy and company to these people who, in silence, are asking for attention and love" Referring to the video on the volunteer work carried out by the Esther Koplowitz Foundation, he mentioned that "the phrase that came to mind when watching the video was 'You receive much more than you give', a phrase that contained a lot of truth and that you have transmitted this perception to us. We are much better off than when we started".

A good practice

The Sustainability Excellence Club selected the FCC volunteer program as a good corporate responsibility practice and included it in its Catalogue of Good Practices.

For the next course, starting at the end of September, FCC plans to bolster these activities by encouraging new initiatives. It is also working on a project to create a website for volunteers.



aqualia a strong commitment to people and the environment

aqualia provides efficient, sustainable water management, offering viable and socially responsible solutions to deliver top quality water and enhanced service.

aqualia is one of the few companies worldwide providing solutions to all water requirements for human, farming and industrial use, and one of the world's largest water management companies.

aqualia means water for homes, business, industry. aqualia means water management and much more.

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