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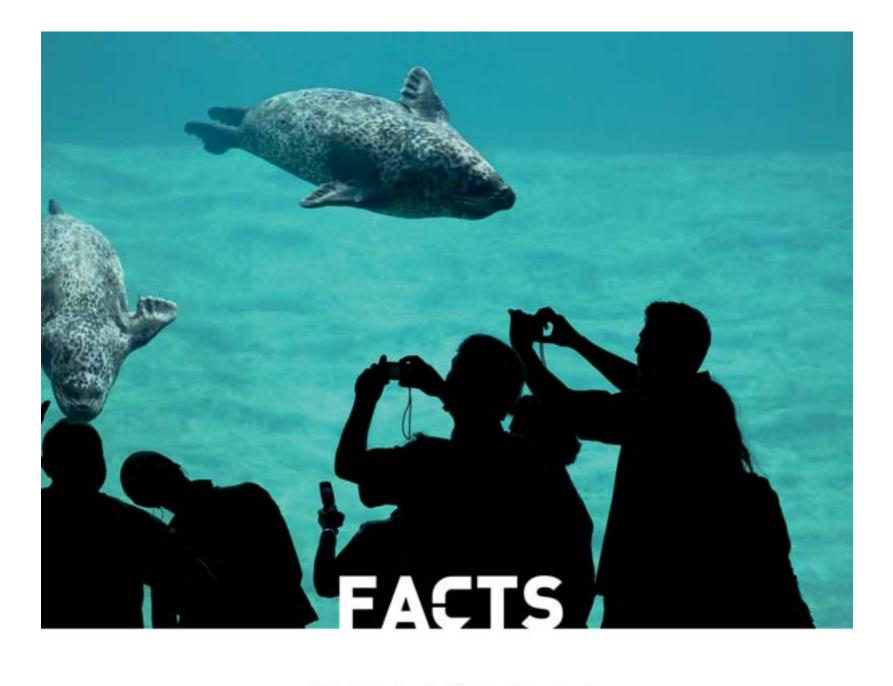
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# WE INVEST IN CLEAN ENERGY

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FCC sets the standard for other international business groups, designing and providing solutions oriented toward well-being for citizens, progress for society and sustainable development for all.

Valencia's Oceanographic Museum



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# Infanta Cristina gives Esther Koplowitz the IMSERSO PRIZE awarded to her foundation

The IMSERSO Infanta Cristina Prizes are recognition of the work carried out for elderly and those who are dependent.

On 2 October, Infanta Cristina gave Esther Koplowitz the IMSERSO Prize in recognition of the work carried out by the Esther Koplowitz Foundation on behalf of the "neediest members of the community, particularly the elderly and dependents".

Mercedes Cabrera, Ministry of Education, Social Policy and Sports, and Amparo Valcarce, Secretary of State for Social Policy, Family, and Dependency and Disability were present at the ceremony held at IMSERSO headquarters.

The objective of the IMSERSO Infanta Cristina Prizes is to reward individuals or public and private entities which have proved to be outstanding in providing services to the elderly and dependents and their care-giving families. The prizes are also recognition of the execution of innovative experiences in the development and application of social studies and research and technical aid, or new technologies applied in carrying out quality projects plus awareness-building information disseminated through social communication channels.

Both the Minister and the Secretary of State praised the great work carried out by the Esther Koplowitz Foundation which is funded exclusively by FCC's major shareholder, in favor of the most disadvantaged members of the community such as the elderly lacking resources as well as the disabled.



#### Ongoing commitment to improve the quality of life of the neediest

The importance of the activities carried out by the Esther Koplowitz Foundation has prompted the FCC Group to launch a corporate volunteer program to complement the social work conducted by the Foundation. The objectives of this project are aligned to those of the Esther Koplowitz Foundation, which over many years has been intensely involved in providing services to the neediest members of the community.

In 2001, the Esther Koplowitz Foundation donated the Casa de Collado Villalba retirement home to the Madrid Autonomous Community. This retirement home is divided into two floors: the first floor, which houses the elderly suffering from the most serious diseases, such as Alzheimer or arteriosclerosis; and the second floor, which houses those who enjoy a better quality of life. In addition, the home has a daycare center with a capacity for 40 people which provides services to the elderly, dependents or those requiring assistance.

With the same objective in mind, the Foundation donated the La Nostra Casa de Fort Pience to

the Barcelona City Council in 2003. This home has 137 beds in single or double rooms, and can accommodate 30 patients at its daycare facilities.

In 2004, the Foundation gave the Valencia City Council the La Nostra Casa de Valencia retirement home for patients with serious psychiatric problems or physical disabilities. The home, featuring the most advanced treatments for these disabilities, can accommodate 60 residents and 40 patients at the daycare center.

The Foundation is already committed to building a similar home in Valencia, another one in Valladolid, and also plans to enlarge the Fundación Nido and Associaión "El Despertar" retirement home and daycare center in Madrid which provides services to those suffering from severe cerebral palsy.

Esther Koplowitz's personal sponsorship and the work carried out through her Foundation has received recognition from various institutions.

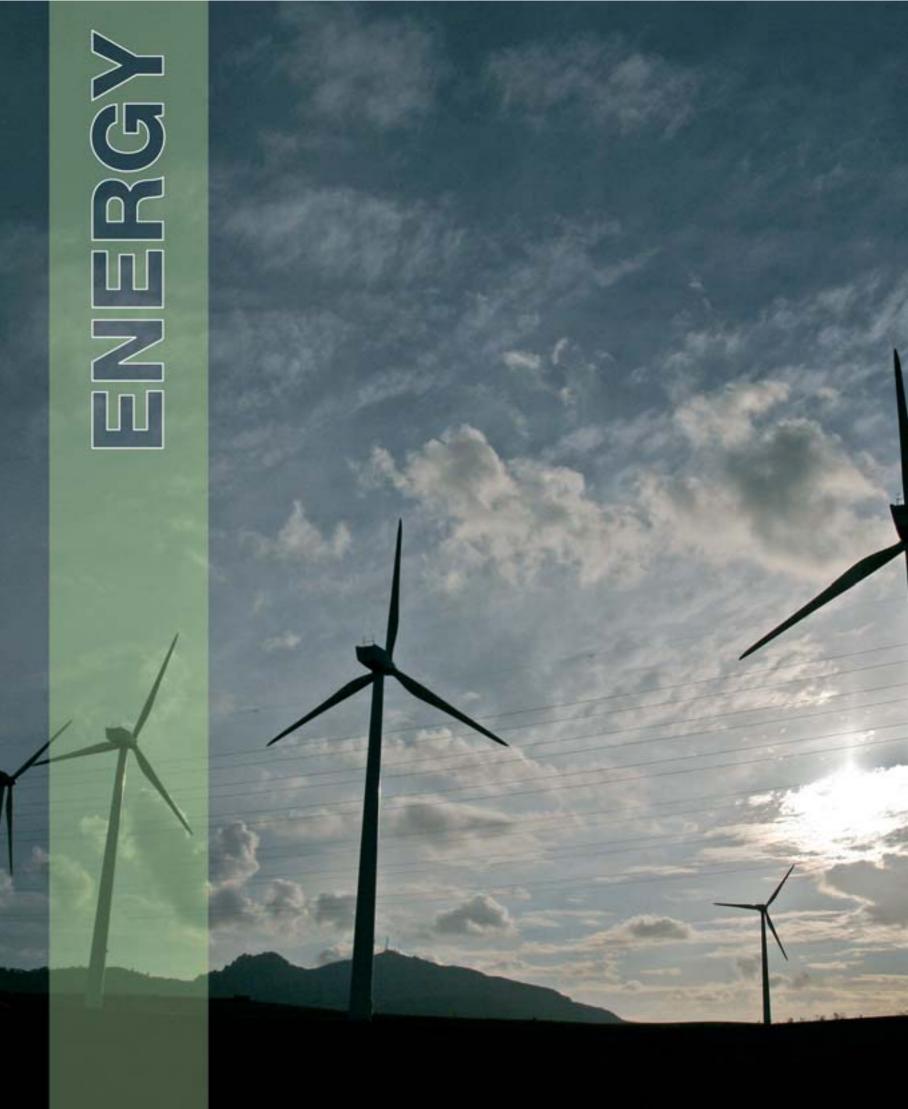


On the left and center, Infanta Cristina and the Minister of Education, Social Policies, and Sports, Mercedes Cabrera, who presided in the Infanta Cristina Imesrso Award ceremony. On her right, Esther Koplowitz with winners in other categories. Above these lines, Esther Koplowitz after receiving the prize.

The FCC Board of Directors appoints Esther Koplowitz and Esther Alcocer as Vice-Chairpersons

The FCC Board of Directors appointed Esther Koplowitz and Esther Alcocer as First and Second Vice-chairpersons, respectively, of the Spanish service, construction, cement, energy, and real estate group.

The Board's proposal was approved unanimously.



# FCC invests in the renewable energy industry

The company controlled by Esther Koplowitz has achieved one of its strategic targets by gaining a strong foothold in the renewable energy industry. The company and Babcock & Brown Wind Partners (BBW) reached an agreement by which FCC will acquire BBW's 14 wind farms in Spain for 190 million euros.

FCC reached an agreement with the Australian Babcock & Brown Wind Partners (BBW) Group for the purchase of 100% of its wind farm portfolio in Spain, owned through Olivento SLU, for 190 million euros. As part of the deal, FCC will assume a gross debt of 590 million euros. These assets will be integrated in FCC Energía, the new FCC Group business unit headed by Eduardo González, the Managing Director of Energy and Sustainability.

This is FCC Group's first strategic transaction in energy and will serve as the basis for the Group's energy activities, meeting one of the Plan 10 objectives unveiled by Baldomero Falcones, Chairman and CEO on 21 May.

In addition to seizing opportunities in the energy sector, the Strategic Plan also aims to consolidate FCC as a leading player in Services and Infrastructures, diversified and international. To meet these objectives, the company controlled by Esther Koplowitz, chairman of the Strategy Committee, plans to invest approximately 4.1 billion euros over the next three years.

The global wind power market has grown at an annual rate of nearly 27% over the past

few years, with Spain as one of the leading promoters of this activity on a global scale being the third market in terms of installed capacity (16.1% of the total). FCC Group is wagering on diversifying its business by entering the energy sector, particularly in the areas of cogeneration, energy efficiency, renewable energies, and the application of new technologies for recycling waste into energy.

#### Leading company in Spain

The acquisition involves the 6th ranking wind farm operator in Spain, with annual sales of 100 million euros and wide geographical diversification throughout five Spanish regions (Andalusia, Galicia, Aragón, Castile



El Conjuro wind farm in Granada



Production is equivalent to the energy consumed in a city with a population of 200,000.

Vind farms in operation	Location	Copacity	Turbine
Monte Seizo	Pontevedra	34,9 MW	53
Serra do Cando	Pontevedra	29,2 MW	44
Sierra del Trigo	Jaén	15,2 MW	23
La Muela Norte	Zaragoza	29,8 MW	35
El Redondal	León	30,6 MW	36
La Plata	Toledo	21,3 MW	25
Serra da Loba	Lugo	36 MW	18
El Sardón	Huelva	25,5 MW	30
Conjuro	Granada	17 MW	20
Valdeconejos	Teruel	32,3 MW	38
Carrascal I	Almería	50 MW	25
Carrascal II	Almería	28 MW	14
Cerradilla I	Almería	22 MW	11
Cerradilla II	Almería	50 MW	25
Total		421,8 MW	397

#### The acquisition is worth 190 million euros

and León and Castile-La Mancha). Olivento has the largest portfolio of operating assets not owned by electric utilities, with 14 wind farms with a total installed capacity of 420.7 MW, as well as a portfolio under development of an additional 45 MW expected to come on stream before 2012.

From an energy standpoint, the electricity generated by these wind farms in Spain is equivalent to the energy consumed by a city with a population of 200,000, preventing the emission of 500,000 tons of CO2 and making it unnecessary to consume, and therefore, import, fossil fuel such as oil or gas, which Spain is dependent upon.

Thanks to this acquisition, FCC enters the renewable energy sector through a leading company in the national market, which will serve as the platform for future growth in markets considered strategic in its expansion plan.

The deal also includes the acquisition of a 50% stake in IM Future, a company with a team of about 50 professionals with long experience in the wind power sector who will be in charge of the operations and monitoring of all acquired wind farms.

Furthermore, the purchase of a portfolio comprising 14 wind farms fully in operations, with EBITDA margins of more than 80%, will contribute to increasing the FCC Group average margins, which in 2007 were at 14.7%.

This acquisition has synergies and will create added value jointly with activities such as those developed by Espelsa, the FCC Construcción affiliate engaging in the projects and electricity, photovoltaic, and renewable energy installations, construction and maintenance of distribution grids and substations.



# The company has also acquired two photovoltaic parks in Cordoba

This transaction, totaling 140 million euros, is FCC's second investment in renewable energies.

FCC has acquired two photovoltaic plants in Espejo (Cordoba, Spain), with an installed capacity of 20 MW, from Sky Global Solar. The investment amounted to 140 million. This is FCC's second investment in renewable energies.

The two photovoltaic plants are located in Cortijo Viejo and Sierrasita, in the municipality of Espejo (Cordoba province). The plants span 186 hectares, and the solar modules cover an area of 165,000 square meters.

Both plants will generate 38 million kWh/year, meeting the energy needs of a city of 10,000 people. Using this unlimited clean energy instead of fossil Estimated production is equivalent to the energy consumed annually by 10,000 households

fuels such as coal, gas or oil will prevent the emission of 20,000 tons of CO2 into the atmosphere each year.

Built by Espelsa, the acquired assets contribute to strengthening the company's photovoltaic energy activities, an increasingly important part of the company's electrical installation activities.



Above, the Cortijo Viejo photovoltaic park. Above these lines, the Sierrasita park

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# Formula 1 triumphs in the Valencia city circuit

The Valencia city circuit runs through the Grao district and along the Juan Carlos I Marina. It stretches over 4.4 kilometers with the principal lane measuring a constant 14 meters and 16 meters in specific areas.

Hundreds of people witnessed the European Formula 1 Grand Prix held in Valencia for the first time from the 22nd to the 24th of August. The Valencia Harbor served as a backdrop, a unique scenario for an urban circuit carefully designed to ensure the safety of pilots and fans of this international sports at all times.

The project complies with the most stringent Automobile International safety and performance standards thanks to sustainability and specific corrective measures implemented to reduce the impact on the environment.

The route runs along the Juan Carlos I Marina which hosted the most important nautical competition in the world, the 32nd America's Cup

The circuit, which can be assembled and dismantled for each edition of the grand prix, is in Grao district and runs along the Juan Carlos I Marina. Measuring 5.5 kilometers, the main lane has a constant width of 14 meters and 16 meters in specific areas. Investment in the circuit totaled nearly 100 million euros.

FCC executed the works to connect the Alameda-Avenida de Francia-Puerto de Valencia stretch of the circuit, involving the construction of the first urban stretch of the circuit spanning over 2, 073 meters, in addition to the intermediate layers and surface of the entire track. The project is worth 37.99 million euros.

#### High-resistance asphalt

The race took place through the city's streets and major avenues which had been properly paved. The special high-resistance asphalt makes it possible to drive at a speed of more than 300 Km/h though four points along the circuit. It comprises a 25 cm-thick layer of cement covered by a 25 cm layer of gravel. The track on the top of the base is a 3.5 cm MBC, type SMA 11. All this structure sits on top of an esplanade made with a 75 cm layer of category E-2 soil in accordance with Road Instruction





An enterprising citv

Valencia is well prepared to handle major events, as shown by the selection of this city for hosting the 32nd America's Cup in 2007; the IAAF World Indoor Athletics Championship last March; the Superbike World Championship from the 4th to the 6th of April 2008; and, World MotoGP Motorcycle Championship to be held in October 2008.

#### Technical Team

Head of Project: Enrique Durá Garcés Luis García Ros José María Argente Hernández Paula Beltrán Taurá Carlos Recasens Chuliá Supervisor: Manuel Samuel Mut M<sup>a</sup> Carmen Pavón Fernández

standards. In addition, another 11 lanes were built for the circuit and the overall urban development. Parking facilities and landscaped areas were also built along both side of the circuit, which features all the necessary urban services such as sewage, sprinkling systems, traffic lights, among other items.

The President of the Valencia Autonomous

Community mentioned in one of his visits that the "Valencia Community and Spain have shown that we can meet any challenge, no matter how difficult it may be. This is a very important commitment for us, part of a project for coherence undertaken by the regional government". He thanked all who had participated in the project for their work and efforts to complete the circuit "on schedule and as planned".



circuit in the eastern part of the city

# FCC and Caja Madrid Acquire Acciona's stakes in five infrastructure concessions

The assets sold by Acciona are worth a total of 101.3 million euros.

FCC Construcción and Corporación Financiera Caja Madrid executed an agreement to buy Acciona's stakes in Concesiones de Madrid (M-45), Ruta de los Pantanos, Transportes Ferroviarios de Madrid (Arganda train), Parla Light Railway and Envalira Tunnel.

The total price of the transaction is 101.3 million euros. The acquisition is pending the necessary administrative authorizations.

The transaction is part of the framework agreement between FCC and Caja Madrid to develop infrastructure through their joint venture, Global Vía Infraestructuras.

The acquired infrastructure and Acciona's stakes are as follows: Concesiones de Madrid (33.3%), Ruta de los Pantanos (25%), Transportes Ferroviarios de Madrid (12.8%), Tranvia de Parla (40%) and Túnel de Envalira (40%).

#### Consolidating the portfolio

Once FCC Construcción and Caja Madrid have transferred their stakes to Global Vía, the latter will own 100% of Concesiones de Madrid, 75% of Ruta de los Pantanos, 49.4% of Transportes Ferroviarios de Madrid, 85% of Tranvía de Parla and 80% of Túnel de Envalira.

With this deal, Global Vía fulfils one of the goals in its strategic plan (portfolio reorganization) in order to obtain a majority stake in the concessions which it owns; this is achieved in four of the five concessions in this transaction. This move enables Global Vía to consolidate its portfolio of mature projects and strengthen its position in the market by increasing in size, which implies greater visibility.

The deal also establishes Global Vía as a worldwide operator of shadow toll roads (Concesiones de Madrid and Ruta de los Pantanos) and passenger rail (Parla Light Railway), while complementing its toll road business (Envalira Tunnel), in which it was recently awarded two newly-privatized toll roads in Chile.









#### Technical Team

Project Manager: Ignacio Gutiérrez Rodríguez Production Manager: José Antonio de Miguel Briones Production Manager: Paula Ferreras Cantero Topography Manager: Juan de Dios González Rubio Administration Manager: Juan Carlos Mena Rojas Supervisor: Juan Mármol Márquez

Head of Safety and Quality Jesús Rodríguez Gómez

# FCC built new bridge in Chiclana de la Frontera, Cádiz

Manuel Chaves, President of the Andalusian Autonomous Community, accompanied by Mar Moreno, Councilor for Public Works, Ernesto Marín, the Mayor of Chiclana, and the Representative of the Andalusian Government, José Antonio Gómez Periñán, inaugurated the new bridge in Chiclana de la Frontera (Cádiz).

The third one to be built over the Iro River, Manuel Cháves described the bridge as "an efficient structure that will connect two city districts that required such a structure".

The project, which will ease traffic conditions in the city's midtown section, involved the execution of a link between the traffic circle in the former Road N-340 providing a gateway to the municipal sports facilities,

and the Huerta Alta district next to the E-390 road at Medina Sidonia. The bridge spans over 775 meters. The existing road was revamped in the first 260-meter stretch to adapt it to the new access. The second section of the bridge over the Iro River is a 465 meter long slab structure with prefabricated beams. The bridge is formed by 12 spans, the first one 26 meters long, the last one 29 meters, and the other measuring 40 meters. The width of the carriageway is 21 meters, with two 3.25 meter two way lanes, 3.5 meter wide sidewalks, and a 0.05 meter wide median.

A non-skid system used in the sidewalks ensures adherence. A lighting system installed along the rails enhances safety and lights up the entire length of the sidewalk, providing aesthetical appeal and a vanguard construction design.



# CONCTDUCTION



# Fourth section of the Ebro Highway opens to traffic

Stretching over six kilometers and featuring two new intersections, this section of the highway starts at the Buñuel intersection and ends in Cortes, at the border of Navarre and Aragon.

The President of the Navarre Regional Government, Miguel Sanz, inaugurated the Buñuel-Cortes stretch of the A-68 Ebro Highway project, the last section of the road passing through this community. In his speech, the president said, "the new infrastructure that is now open to traffic is Navarre's great contribution to the Ebro Valley, a geographical, economic, and social reality comprising the regions along the river's basin which holds great promise for all of us if we are able to take advantage of all the opportunities that it offers, the synergies, and collaboration in all types of projects. Communication thoroughfares are essential in these types of projects and we are convinced that we have taken a great step forward in creating a common space for the present and the future at the Ebro Valley".

The road section is part of the 2nd Master Plan for Roads and the Plan for Expediting Highway Network Projects in Navarre, developed under an agreement between the Navarre Government and Sociedad Pública de Inversiones e Infraestructuras (SPRIN). The project involved the construction of a 6 km highway stretch between the municipalities of Buñuel and Cortes (Navarre) by extending the current N-232 on its left side. The road has 7-meter wide carriageways, 1-meter wide interior hard shoulders, and 2.5-meter wide exterior hard shoulders, and a 5-meter wide median (7-meters at certain parts of the road).

An underpass and two overpasses were built along the road in addition to two intersections, one for changing directions and another one linking up with the town of Cortes; two service roads along both sides of the highway; two service roads for farm vehicles; and a new rest area providing services to the N-232 road from Cortes to Tudela, situated parallel to the existing rest area on the other side of the road that goes from Tudela to Cortes.

The project also included planting and landscaping, environmental measures, and the corresponding civil works, such as electricity, telephone, gas, water supply and irrigation infrastructures.



The president of the Navarre Regional Government, Miguel Sanz, during his inauguration speech.



#### **Technical Team**

Department Manager: Jorge Marí Escanellas Head of Project: Cesare Ferrari Installations Technician: Jaume Fradera Arimon Quality Technician: Alex Albert Cabrera Administration Manager: Francesc Freixes Sanjuán

José María Valle Romero

## **Enlargement of the library University** of Barcelona Biology department

FCC executed the project for enlarging the library at the Biology department of the University of Barcelona building which will connect the two construction phases of this department which have already been completed.

With 5,900 m<sup>2</sup> of floor space, most of the building's roof can support pedestrian traffic. Designed as a square, the building serves as the main entrance to all the biology department buildings. The part of the

roof which does not support traffic is built of zinc and is saw-shaped. Most of the installations are under this part of the construction.

It comprises three floors above grade. The first and second floors are connected by various courtyards with large windows letting in natural light. This area is used for classrooms and as a book storage area. The third floor houses the parking facilities and connects to the existing faculty building.

## FCC to build road in Portugal

Ramalho Rosa Cobetar, the FCC Construcción Portuguese subsidiary, will be in charge of building the Portuguese stretch of the IC6-Catraia Dos Poços-Venda de Galizes, road, worth an investment of 59.4 million euros. The project for the 17.2 Km speedway and a 4.5 km long branch road also calls for the construction of four viaducts, 14 overpasses, 5 underpasses, and 10 passes for farm machinery. It will involve excavation of 2.3 m<sup>3</sup> excavation and 2.8 m<sup>3</sup> of embankment.

# FCC, the first company to sign financing deal for the First Generation Highway Plan

FCC has signed a financing deal for the public work concession contract for the conservation and exploitation of the A-3 and A-31 highways from border of the province of Madrid to the border of Cuenca-Albacete. As part of this transaction, the concession company and the Royal Bank of Scotland (RBS) and the European Investment Bank (EIB) have entered into a project finance agreement.

Representing an investment of 277 million euros, the project for building these two sections of the highway were awarded by the Ministry of Public Works in December 2007. Autovía Conquense Sociedad Anónima (AUCONSA), a company in which FCC

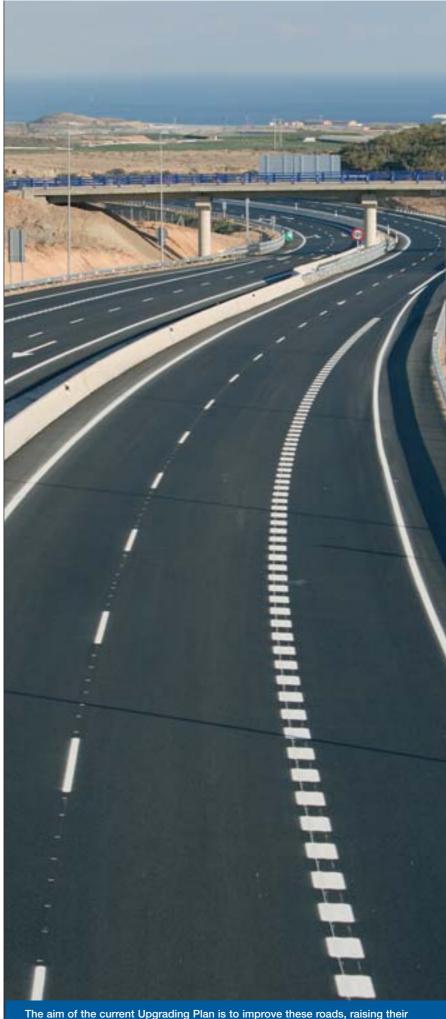
#### The concession's company income will be generated under a shadow toll system

Construcción holds a majority stake, has a 19-year exploitation concession under a shadow toll system.

The conclusion of this financing deal, the first one among all the companies who were awarded work on the 10 highway sections contemplated in the First Generation Highways Upgrading Plan underscores the financial entities' support and commitment with respect to the bid and project submitted by FCC.

#### Highway Upgrading Plan

A few months ago, the Ministry of Public Works launched the First Generation Highway Upgrading Plan, which aims to improve the safety of all first-generation roads built in the early eighties (General Road Plan). Under the plan, existing arterial roads will be upgraded to the same standards as modern highways. This will involve the revamping of more than 2,000 kilometers.



The aim of the current Upgrading Plan is to improve these roads, raising their level of quality and safety.

# ESPELSA to implement new operations planning software at the Defense Department

Dámaso Bueno, General Manager of ESPELSA, and Fernando Montoya, Chief Coronel of the Economic Administration of the Defense Department, signed an agreement on 2 October under which ESPELSA will install its Operations Planning Support System (SAPO, Spanish acronym) at Node 2 of the Military Information System at EMAD.

This agreement is part of the



Overview of the software system for supporting the decision-making process. In the main panel, the geographical area on which project-related operations and actions are defined and drawn.

software technologies such as geographical information services (GIS) as part of the systems and subsystems comprising the Military Information System (SIM).

This will result in a fully operational application laying the groundwork for development of additional functionalities in future phases.

SAPO will make it possible for those in charge to plan and

Information and Telecommunications Systems Master Plan (PDCIS, in Spanish) a major project affecting all armies. PDCIS, which received the unanimous approval of the political forces on February 2002, is working on the application of New Information Technologies and Telecommunications in all Defense departments, covering operating and purely administrative aspects, to establish an integrated and efficient organization model.

As defined in the schedule of specifications in the recently signed agreement, ESPELSA will be in charge of supplying and implementing the SAPO software in the initial phase, and of developing a testing, integrating it as subsystem for SIOPERFAS (Operational Planning of the Operational Execution Support System). It will also interact with other manage joint EMAD operations, having an automated system featuring the necessary tools for implementing their plans of action, improving the exchange of information in a distributive and collaborative environment.

The SAPO software is part of the family of Management Support Systems developed by ESPELSA, similar to the Tool for Operational Planning, Force Activation and Simulation (TOPFAS) currently being developed for NATO.

Hence, ESPELSA is consolidating its position as one of the leading national and international references in the Defense Industry, particularly in the field of Operational Planning, Command, and Control and Decision-making Support Systems.

#### Project of high technological value

ESPELSA has developed significant examples of this advanced type of software, with great technological value. For example, it designed the Air Mission and Debriefing Planning System (MPDS) a complete command and control system currently used in the main Spanish air force bases, capable of planning loading data, analyzing, and supplying all information in connection with deployed air missions, enabling simple and agile management of all its aeronautical, tactical, and intelligence information. This system is similar to the one currently being developed, the Mission Planning and Briefing System (MPB) which enables operational planning and briefing for the European defense aircraft, the Eurofighter Typhoon. Tool for Operational Planning, Force Activation and Simulation (TOPFAS) is just one of the examples of the highest technology entrusted to ESPELSA, as a customized development for the NATO'S NC3A Agency, which acts as a complex support system for commanders in planning and decision-making.



## The A9 Lainberg Tunnel in Austria has been completed

ALPINE completed construction of the Lainberg Tunnel along the A9 Pyhrn Motorway and upgrading of the existing tube, also built by ALPINE in the nineties. The contract value for the project was 22.5 million euros.

Despite the difficult rock conditions and the challenge of not interrupting railway traffic, ALPINE was able to drill 24 meters per day, an

extraordinary above-average performance.

#### **Technological challenge**

Work on the Lainberg Tunnel's second tube, which will provided two one-way tunnels, consists of two sections, the main section which is 2,214-meter

long, and another one on the north side which is 187meters long. During the execution of the project, nearly 160,000 cubic meters of material were excavated using 240 tons of explosives.

The tunnel was built by the

conventional driving method, passing 2.5 meters just under the Austrian railway. The project also included the construction of service buildings and the architectural design of the tunnel portals.

#### ALPINE builds seven tunnels along the Pyhrn Motorway

ALPINE was also in charge of installing the corresponding safety systems, building seven cross-drifts and replacing the pavement at the portals. It also replaced

drainage shafts and the installed the new tunnel lining.

ALPINE built a total of seven tunnels along the A9 Pyhm Motorway, representing a major part of the two tunnels between entre Kirchdorf and Windischgarsten. Besides the Lainberg Tunnel, the

> company built the exploratory gallery for the Klaus tunnel string, comprehensive refurbishment of the Kienberg tunnel and the original Krems tunnel, and the partial revamping of the Falkenstein, Spering, and Traunfried tunnels.

#### -Tunnel constructioncompetence

ALPINE's current projects in Austria include the construction of the Pfänder, Tradenberg, and Katschberg tunnels. Since 2001, the company has been working on the Gotthard Base Tunnel in Switzerland.

ALPINE is also building two tunnels in India, where it participates in several sections of New Delhi's new metro network and the intake tunnel for the Tapovan power plant. In Singapore, the company is working in the new metro system; in China, it will be building the water supply tunnel; and in Bulgaria and Turkey, the tunnels for various power plants.





The hotel's sweeping form curves towards the neighboring Hoch Zwei building, which Alpine is also building.

# ALPINE builds Hotel Zwei in Vienna in record time

In just 15 months, FCC's Austrian subsidiary ALPINE built the Hotel Zwei in the new second district in Vienna's Prater. The hotel is a distinctive addition to this new neighborhood that simultaneously serves as the entrance to the new district.

The structure, worth an investment of 24 million euros, was handed over to its developer, IC Projektentwicklung GmbH, and the commercial user, Courtyard by Marriot, fully furnished.

The hotel has twelve floors, including two basement floors with a gross floor space of 22,800 meters. The reception desk, hotel lobby, conference and seminar halls, the restaurant and kitchen, and administration services are located on the ground floor. More meeting and conference rooms are found on the first floor and 251 hotel rooms and suites, with 502 beds are on the second to the eighth floors. An underground garage with 150 parking spaces takes up two basement floors while a mechanical equipment room is installed on the roof.

ALPINE used nearly 17,200 cubic meters of concrete, equivalent to 2,200 concrete truckloads, in its construction, as well as 2,100 tons of reinforcement stretching, equivalent to 3,500 kilometers if lined up end-to-end, more or less corresponding to the diameter of the moon.

The building's sweeping form curves towards the neighboring Hoch Zwei office building, currently being built by ALPINE. The building is connected to the public transportation system and is very close to the Vienna Trade Fair Center and the Enrst Happel Stadium

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# FCC to build another highway in Romania

FCC has been awarded the contract to build the Constanza bypass in Romania. The project is worth a total of 141.8 million Euros. The project involves building a new 22kilometre road bypassing the city Constanza on the west, with two 3.75-metre lanes each way, a 4-metre median, a 3-metre emergency lane and a 0.50-meter berm.

The road will have five intersections and 26 structures, including six viaducts, six bridges, eight overpasses and six underpasses.

Most of the route runs along an embankment with a low carrying capacity and a very shallow water table (Danubian plain clay and sediment). A total of 775 km of gravel piles measuring 1 meter in diameter and 6 meters deep will be installed to reinforce the terrain wherever the embankment is over five meters high.

The project also involves three million cubic meters of infill and 2.6 million cubic meters of earth movement, one million cubic meters of soil stabilized to a depth of 20cm, and the use of 360,000 tons of tarmac.

#### Other projects in Romania

FCC is currently revamping 30 km of the DNIC road in Cluj-Livada, in the northern part of Romania. In 2007, the company won road-building and widening contracts: the DN1C Livada-Dej-Cluj County Limit, the DN 66 Filasi-Petrosanti and the Bucharest north bypass (which includes a 240-metre cable-stayed bridge).

It is also building the Basarab viaduct in Bucharest and a bridge over the Danube, connecting Bulgaria and Romania, plus the bridge's access roads. In the first quarter of 2008, it obtained the contract to widen and improve National Road NR6 between Timisoara and Lugoj. Through Austrian subsidiary ALPINE, it has also obtained two environmental contracts to install and plumb two landfills in the Dambovita region of Romania. In Bucharest, the company is building the new headquarters for Petrom, the largest oil and gas producer in south-eastern Europe, as well as a cable-stayed bridge. ALPINE has just opened its third Romanian office, in Timisoara, in order to improve its coverage of the country. FCC Construcción has a backlog of over 600 million euro in projects in Romania. And Austrian subsidiary ALPINE has a backlog of approximately 200 million euro in Romania.



# **ALPINE uses helicopter** to assemble a bridge in Gaweinstal, Austria

The FCC subsidiary, ALPINE, used a special heavy-cargo helicopter to transport 60 twenty-seven meter long, two-meter high parts belonging to the structure of a bridge in Project Y in Gaweinstal, Austria. The operation took only three hours as opposed to the three weeks which would have taken to bring the parts by road.

Project Y includes the A5 from Eibesbrunn to Schrick, the west S1 from Eibesbrunn to Korneuburg, the east S1 from Sübenbrunn to Eibesbrunn, and the S2 bypass around Sübenbrunn, and is part of the Austrian ring road.

The structure was assembled first at the south ridge, in Graben Pellendorf. Once it had

been completed, it was broken down into parts and carried by helicopter to the north viaduct in the Weidenbach region. The parts attached to the helicopter by an 80-meterlong cable were flown from one valley to the other. On reaching their destination, the north viaduct, the parts were set down between waiting pillars where they were then reassembled.

The structure of both bridges was designed as a six-span, a 2.4 meter-thick structure throughout the entire length of the bridge, built of with reinforced concrete pillars section-by-section. The foundations are made of up a 140 cm x 200 cm section, rigid, and inserted in the structure, buried deep in situ using piles.



#### "Y" Project

The Y-shaped 51-kilometer long highway includes the execution of the first partial section of the A-4 from Vienna in the direction of the Czech Republic, between the towns of Eibesbrunn and Schrick, plus the extension of the Vienna northeast ring road which will give way to the S1 and S2 express highways.

The road will have two one-way lanes in the ring-road and three in the highway. In addition, 14 intersections, 98 other structures, a nearly 2-kilometer tunnel and two sections of false tunnels will be built.





# CONCTDUCTION

# FCC to build and operate a hospital in Northern Ireland under a 30-year concession

The New Acute Hospital for the South West, which represents an investment of 267 million pounds sterling (about 335 million euro) and will be built within three years, will have 315 beds in individual rooms in a building of over 60,000 square meters. Investment in this project will total 335 million euro.

Michael McGimpsey, Northern Ireland's Health Minister, announced yesterday that Northern Ireland Health Group, in which FCC Construcción is the largest shareholder (39%), has been declared Preferred Bidder by Western Health and Social Care Trust to design, build, finance and operate the new hospital in Enniskillen, a city in County Fermanagh, Northern Ireland. FCC's partners in the consortium are Interserve, AIB and P. Elliott.

The announcement comes following a 2-year Competitive Dialogue Procedure (CDP) involving the winning consortium and two other groups, headed by Skanska (Sweden) and Balfour Beatty (UK). Following this announcement, the only remaining step is to close financing for the project and sign the contract; this is expected to take place in the first half of 2009.

#### The first concession of this type

The New Acute Hospital for the South West, which represents an investment of 267 million pounds sterling (about 335 million euro) and will be built within three years, will have 315 beds in individual rooms in a building of over 60,000 square meters; there will also be an employee accommodation block and an energy management centre, making it one of Europe's most modern buildings in terms of energy efficiency, since will use one-third less energy than similar facilities.

The project meets the client's high quality specifications, addressing patient, visitor and worker comfort, ease of use, visual impact, landscape integration, energy efficiency and integration with the socio-economic fabric of 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 lighting and ventilation as well as providing a constant view of the surroundings.

The contract contemplates the design and construction of the new hospital as well as certain non-medical support services, energy control, and maintenance and life-cycle management.

This is the first hospital in Northern Ireland to be awarded under the PFI system and it is part of a plan to improve hospital infrastructure, which includes the future Omagh hospital, for which the consortium headed by FCC Construcción is also readying a bid.









FCC has been involved in the construction, revamping, and refurbishment of major healthcare facility projects. From top to bottom: Hospital de Nuestra Señora de Sonsoles (Ávila); Hospital Materno Infantil de O'Donnell (Madrid), and Hospital del Sureste, in Arganda (Madrid).

# Banco de la Producción (Nicaragua) headquarters completed

Through its Nicaraguan subsidiary, Edificadora MSG Nicaragua, built the new corporate headquarters of Banco de la Producción, the largest private bank in Nicaragua.

The building has 9,000 square meters of floor space divided into four stories and a basement. The outdoor areas and parking facilities occupy an area of approximately 6,000 square meters. thanks to its modern and elegant architectural design. The building's exterior walls consist of doubleinsulated glass walls and a large variety of enameled aluminum panels.

The best quality materials were used in the building's interior, such as marble flooring in public and

The building's foundation and the entire structure were built of reinforced concrete. The structure was built with prefabricated slabs and the roof consists of a metal beam structure with an enameled steel sheet and the corresponding thermal and acoustic insulation.

It is an outstanding building

Technical Team Engineers: Jorge Vaamonde/Milton Picado/Norma Calero/Carlos Araica/Deglis González.

Architect: Flavia López Supervisors: Marlon Urbina/Henry Tobal Building Manager for Centre America: Emilio Otermin private baths, doors made of imported wood, and false ceilings of various styles and designs.

Materials and equipment complying with the most stringent international standards were used in the construction of electromechanical systems, such





as the electricity, safety, water, and fire-fighting systems. In addition, the building has three elevators featuring the most modern technology and an automated, energy-efficient airconditioning system.





The Pan American Road connects the cities of Arraiján–La Chorrera in the western region of Panama.

## FCC upgrades toads to the Las Americas Bridge in Panama

**Technical Team** 

upervisor in Charge of the nvironment and Industrial

Yovanna Torres

José M. Castillo

Carlos Rodríguez

Project Supervisor Víctor Santamaría

Project Administrator: Héctor Maradiaga

Las Americas Bridge, spanning over 1,564 meters, is located at the entrance of the Pacific in the Panama Canal. Since it was built in 1962 until the inauguration of Puente Centenario in 2004, Las Americas Bridge was

an essential structure in the Pan-American Road as the only permanent link between North and South America since the opening of the Panama Canal in 1914.

Executed by FCC, the project involved the upgrading of 3.6 kilometers of road corresponding to the

four gateways to the Las Americas Bridge, placing a carpet of 10-centimeter thick tarmac, the demolition and replacement of pavement using Portland cement concrete tiles, covering the surface and using sealing

material wherever necessary.

It also included the replacement and installation of reinforced concrete pipes with a diameter of 0.75 meters; construction and upgrading of the drainage system, repair of the road protection barriers, and vertical and horizontal signaling.



# FCC develops civil engineering in Panama

Through its subsidiary, M&S, FCC Construcción has completed several civil engineering projects in Panama. These include the upgrading and widening of 21.8 kilometers of the Pan American highway connecting the cities of Arraiján –La Chorrera, west of Panama City. The contract is worth 47 million euros.

As part of the project, the company revamped the existing pavement and built two new lanes along the existing road. It was also in charge of the structural design of a 225-meter long viaduct, six bridges for vehicles over various rivers, and 28 pedestrian walks, plus the refurbishment of more than 100 kilometers of streets in the adjacent villages, various access roads and other works.



The project also included all geotechnical tests for the construction of embankments and installation of major structures, in addition to the demolition of existing buildings, construction and upgrades in the drainage systems, vertical and horizontal signaling, and preparation of the Environmental Impact Study, applying all related prevention measures.

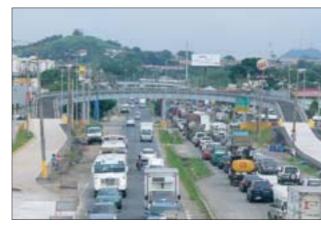
#### **Veraguas Province**

The FCC subsidiary was also involved in the upgrading of 17.5 kilometers of roads and streets in the Soná, Río de Jesús, and Las Palmas districts in the province of Veraguas. As part of the project, the company was responsible for the installation of tubular drainages, structure upgrading, dredging of river beds, masonry work, pavement of ditches along the roads, installation of concrete slabs, repair and maintenance of bridges, and signaling, in addition to other works.











The project included the upgrading of existing pavement and construction of two new lanes parallel to the existing road; a viaduct; six bridges, and 28 pedestrian crossings.

#### Bridge and overpass

The company also installed a bridge for vehicles and an overpass in Los Pueblos in

the province of Panama, a project which included the following: construction of seven supports for the assembly of the prefabricated steel bridge consisting of concrete piles measuring 0.60 meters in diameter; hoisting steel beams with

#### Technical Team Manager: Alicia Olmedo

- *Project Administrator:* Maritzel Giroldi
- Assistant: Charlotte Murillo
- Supervisor in Charge of the Environment and Industrial Safety: Carlos Rodríguez

five to seven meter wide spans; installation of pavements. It was also in charge of

excavation work; construction of lanes leading to the bridge, adjacent neighborhoods, and the commercial center; relocation of public and private utilities; cleaning the river bed; upgrading the drainage systems, and vertical and horizontal signaling.

FCC renews waste Management contract in the city of Chester (UK)

> This is the third time that the Chester City Council awards the company controlled by Esther Koplowitz a waste management contract in this English city. The new contract contemplates several waste collection and recycling innovations.

> Through its UK subsidiary Focsa Services UK, FCC has been awarded a 7-year contract to collect municipal solid waste, recyclables and garden waste and to operate and maintain the recycling plant in the city of Chester. The contract is worth approximately 26.6 million euros.

FCC has been providing services in Chester since 1995 and this is the third time it has obtained a renewal of the contract by competitive tender.

> Chester is the home of 125,000 people

FCC is responsible for keeping the city clean and providing a healthy environment for the citizens, a commitment that the company will continue to fulfill thanks to the new and innovative techniques for the collection, transport, and disposal techniques of more than 50,000 tons of solid waste produced by the city each year.

CHINA 🦸 CENTRE

FCC will introduce several improvements in this service. It plans to cut back significantly on the number of plastic waste bags and will provide larger waste containers to the 125,000 residents in the 51,500 homes in Chester. At present, only 39,000





#### Providing services to this English city since 1005

households have been furnished a 140-litre container for lawn and clippings which will be removed and used again for general waste. The new service will provide two new 240-liter containers to each household. One of these, for organic garden waste, will be collected every two weeks throughout the year. The other container will be just for recyclable waste, such as metal cans, textiles, paper, cardboard, and plastic. This container, which also features a 40-litre module for batteries and glass, will be collected every two weeks, that is, alternating with the garden waste collection service.

Those living in semi-detached houses or homes which are difficult to reach, will continue to use disposable bags. They will be given a roll with a sixmonth supply of these bags and will also be provided with a garden waste collection service.

The company plans to invest nearly 1.3 million euros in upgrading the Bumpers Lane recycling facility, thereby increasing the recycling rate by 25%, from 31 to 40%, expecting to increase this rate by at least 1% each year.

The Focsa Services offering also complies with CO2





From left to right: Laia Regues, Steve Irwin, Enrique Perez, and Gary Jones from Focsa; Councilman Neil Ritchie, Executive Member of the Cheshire West and Chester Environment Authority; Jill Houlbrook, Executive Member of the Chester Environment Department; Councilwoman Pat Lott; Councilman Stephen Mosley, Vice-Chairman of the Chester City Council; David Limb, Chester City Council; John Harris, Focsa; Peter Hartwell, Chester City Council.



From left to right: Stephen Mosley, Vice-President of the Chester City Council; Pat Lott, Councilwoman of the Chester City Council; John Harris, Manager of Focsa Operations; Jill Houlbrook, Executive Member of the Chester City Council for the Environment; Councilman Neil Ritchie, Executive Member the Cheshire West and Chester Environmental Authority; and Peter Hartwell, Director of Environmental Services of the Chester City Council.

#### FCC is the leading waste management company in the United Kingdom

emission standards, introducing a new fleet of 20 vehicles which will significantly reduce pollutant emissions thanks to a combination of higher performance engines and the optimization of waste collection routes. In addition, the company will also sponsor several awareness-building initiatives and will strengthen the relationships with a local NGO involved in recycling for collecting furniture and other large items to prevent these from being thrown in the dumping site.

#### 18 years in the United Kingdom

FCC has been operating in the UK for over 18 years through subsidiaries Focsa and WRG; the latter, which was acquired in 2006, is the UK's leading waste management company and provides end-to-end waste management and waste-to-power solutions for national, regional and local needs.

The capital of Cheshire County, the city of Chester is in northeast England on the Welsh border. The River Dee runs through the center of this city surrounded by Roman and Medieval walls. Liverpool is in the north of Chester and

#### **Clean city**

Wrexham on the west. The city has an exceptional and well-kept historic heritage, making it one of England's leading tourist attractions and one of its loveliest cities, with culture and art found in almost every corner.

Focsa Services serves close to 1.6 million people in such areas as Herefordshire, Wychavon district, Allerdale Borough, West Devon Borough, Hereford Council, West Wiltshire district, Hereford & Worcestershire PFI, and Telford & Wrekin.

WRG manages over 11 million tons of household, commercial and industrial waste each year and operates waste reception, recycling and disposal plants throughout the UK, including a network of transfer stations, recycling plants and landfills nationwide. It has 58 landfill sites (capacity: 183 million cubic meters), 28 transfer stations, 2 incinerators (including the UK's largest), 14 composting plants, 70 household waste recycling centers, and other facilities for recycling and processing industrial waste.

#### New acquisition of waste management assets

Through its subsidiary, Waste Recycling Group (WRG), FCC has acquired the assets and waste collection and treatment business of CAW in Barrow-in-Furness, a city in County Cumbria in northeast England.

This contract reinforces FCC's presence in this country where, through its subsidiary Focsa, the company has been providing waste collection, street cleaning, recycling, and vehicle maintenance services in the town of Allerdale for approximately 12 years.

WRG will continue to invest in research and development of waste treatment, recycling, and management services to continue to extend the services that it provides its clients in this region.

In July 2006, FCC acquired WRG, the leading British urban waste management company for 2,036 million euros. At the end of that year, the company was awarded a 25-year contract for waste handling services in the towns of Reading, Bracknell Forest, and Wokinghamg in County Berkshire, expected to generate nearly 900 million in revenue.







#### Leader in industrial waste

FCC Ámbito is the FCC subsidiary comprising a group of companies specializing in the treatment and management of hazardous and nonhazardous industrial waste, industrial cleaning, and treatment of contaminated soil.

# New industrial waste recycling contract in the U.S.

FCC Environmental, FCC Ámbito's subsidiary engaging in environmental services, has just entered into a three-year agreement with Quest Recycling Services for the collection and treatment of engine oil and oil filters at the sites in New York and Pennsylvania. The American company is one of the largest retailers in the oil recycling business.

The company will be installing special containers at each of the sites, investing 337,000 euros in this project. Sales volume over the term of the contract is estimated at 4.4 million euros in revenues.

#### 23% growth in 2007

In 2007, FCC Ámbito posted 23% sales growth, 20% of which was organic growth. It handled 2,370,000 Mt of waste, 32% more than in the previous year. The company operates 56 waste management facilities (11 more than in the previous year) and is the leading player in comprehensive industrial waste management services in Spain. FCC entered the industrial waste treatment and recycling sector at the end of 2007 after acquiring from Siemens Water Technologies it's two subsidiaries specializing in the treatment and recycling of industrial oil and other ancillary services for the oil industry. The two companies, Hydrocarbon Recovery Services Inc. (HRS) and International Petroleum Corp. were acquired for 182.5 million dollars. Thanks to this transaction, the group controlled by Esther Koplowitz became the second leading player in this sector in the United States.

HRS and International Petroleum operate in 21 states in the Mid-Atlantic, South-East, and South-Central United States, providing services to a population of 160 million.

With headquarters in Houston (Texas), the company has a network of 32 industrial plants, a combined fleet of 352 vehicles, and 528 employees. Estimated sales for 2008 total 140 million dollars.

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# Flightcare, wins Swiss International airline award

Flightcare, the FCC Group company specializing in airport ramp, passenger, and cargo activities, won the Star of the Month prize which was given in Valencia Airport by Swiss International Airlines. This distinction is based on excellence in different areas of handling operations.

Last February, Flightcare had already won the Swiss International European Station of the Month prize, which highlights performance in the following areas: Station and Airport on time performance, passenger perception, baggage handling and crew reports. On this last occasion, the prize awarded to Flightcare is for passenger perception on checking in, with a monthly score of 8.86 points out of 10.

The company operates at Madrid, Barcelona, Valencia, Alicante, Almería, Jeréz and Fuerteventura airports in Spain, Fiumicino and Ciampino in Italy, and Brussels, Liege and Ostend in Belgium, and is a founder member of the Aviance alliance of independent Ground handling companies, offering handling facilities at a further 124 airports in 16 countries.



#### Leading European player

Flightcare is one of today's leading brands in the European handling market. With more than ten years of experience in the sector, the company is known for its services adapted to the specific needs of its clients.

Fourteen airports and more than 230 airlines benefit from the professionalism of Flightcare personnel, the efficiency of the latest technological advances, and a corporate philosophy focusing on innovation, quality, and safety, whose main objective is the satisfaction of its clients.





# Cemusa committed to sustainable mobility

The company has designed EPISOL, an urban and ecological vehicle powered by hybrid electricity: combustible battery and solar energy.

CEMUSA, the FCC subsidiary specializing in city fixtures and furniture, in partnership with the research centers, Instituto Universitario de Investigación del Automóvil (INSIA) and Consejo Superior de Investigaciones Científicas (CSIC), has been involved in the design and construction of a light-weight, ecological, electrical hybrid, with two engine versions.

In the initial phase, power will come from the thermal motor and subsequently will feature a combustible battery. In both cases, solar panels will be incorporated to generate additional energy.

The constantly growing social pressure to develop

green, non-polluting vehicles is the reason behind this search for cleaner forms of energy. In this sense the 'combustible battery' is the best response to this increasing demand. The battery's full potential has yet to be reached, thus the need for the thermal power hybridization.

The significant investment of the parties involved in R+D has made it possible to achieve this technological achievement in anticipation of increasingly restrictive laws on CO2 emissions. Equally important, aware of stronger fiscal pressure by local authorities on vehicles according to the amount of energy consumed, EPISOL emerges as a low-consumption model, ideal for the economy of buyers and users. In short, Cemusa

and its partners have designed the vehicle for the future which has been entirely developed with Spanish technology and capital.

A firm wager for sustainable development which is keeping with the company's goal of contributing to ongoing development in the communities where it provides services.

#### Advantages and uses

Hybrid electric vehicles provide a solution to the problems posed by environmental pollution and the limited functionality of vehicles running solely on electrical power. Depending on the activity, EPISOL can be integrated in various types of vehicles with different ergonomic specifications. It is ideal for

#### A light, ecological, and hybrid electricity powered vehicle

pedestrian areas where the use of motor vehicles is restricted, such as in airports and trade fairs, parks and gardens, and can also be used for taxi or transport services for the disabled.

The goal for the near future is to achieve zero emissions by using hydrogen as a fuel. At present, the main advantages of using this vehicle are the reduction in fossil fuel consumption and lower air and noise pollution thanks to its electric drive system the use of solar energy, and regenerative brakes.

#### Leading multinational in the sector .

Cemusa is part of FCC Versia (the service division of Grupo Fomento de Construcciones y Contratas), and is dedicated to the design, production, installation and maintenance, with or without advertising of street furniture. Cemusa's products include transit shelters, information panels and columns, time/temperature displays, newsstands, bicycle rental systems, public toilets and recycling containers. Founded in 1984, it has become the premier Spanish company in its sector with 160,000 structures in 160 cities across 13 countries in Europe and the Americas.



The project is a wager for sustainable mobility and in keeping with the company's strategic goal of constant growth in the communities where it provides its services.





# Cemusa, committed to quality and environmental management

Cemusa has renewed its ISO 9001 Quality System Management Certificate and the ISO 14000 seal for Environmental management after the recent audits conducted by AENOR, the private standardization and certification entity.

Cemusa first obtained the ISO 9002:1994 Quality Management certificate in 1998 for its Madrid and Barcelona facilities. In 2002, the company obtained the new ISO 9001:2000 certificate for all its installations nationwide and in 2006, was awarded the ISO 14001:2004 Environmental Management certificate.

Founded in 1947 with headquarters in Geneva (Switzerland), the International Standardization Organization (ISO) is a network comprising standardization entities in 157 countries to promote the development of international manufacturing, trade, and communication standards for all industries in order to facilitate the trade of goods and services and the exchange of information, in addition to contributing to technology development and transfer

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# Aqualia awarded 25-year water supply concession in Gáldar, Gran Canaria

The Gáldar City Council has chosen the FCC comprehensive water management subsidiary, Aqualia, awarding it a 25-yeard drinking water supply contract in this city. The contract will generate 125 million euros in revenues.

Under the terms and conditions of this Agreement, the company will be managing the town's water storage system comprising several deposits with different capacities and a complex distribution network to supply drinking water to the 25,000 inhabitants in nine urban centers. 90% of water supply comes from the Bocabarranco desalination plant, managed by Aqualia under a contract awarded by Consejo Insular de Aguas and the remaining 10% comes from Fuente de los Culatones, Galería Cueva Caballero, and the Morón and La Minilla wells.



In the center, Teodoro Sosa, the mayor of Gáldar, and company representatives at the contract signing ceremony.

The Gáldar municipality has a 185kilometer-long distribution network. As part of its investment plan, Aqualia will be upgrading the main water supply networks in the municipality and optimizing and revamping existing water supply installations.





Above these lines, general view of Gáldar, in the north of Gran Canaria Island. Below, left, Puerto de la Cruz in Tenerife.

#### Aqualia in the Canary Islands

Aqualia has a large presence in the Canary Islands where it provides services to a population of more than 550,000. It has the necessary installations, resources, and personnel to tackle all comprehensive water management related aspects.

Aqualia operates two water quality control laboratories, performing nearly 75,000 tests and is responsible for the upkeep and maintenance of more than 3,000 kilometers of water supply and sewage systems.

In the island of Tenerife, the company was awarded its first contract in 1991 in the town of Tegueste. This was followed by other concessions awarded in several other municipalities, such as Arafo, Candelaria, Güimar, Puerto de la Cruz, Adeje, Granadilla, Santiago del Teide, Guía de Isora, San Miguel de Abona, and the Radazul and Golf del Sur urban developments.

Aqualia manages the waste treatment plant in Orotava Valley, which has a capacity of 15.000 m3/day, and has built the Adeje-Arona seawater desalination plant that came on stream in 2002 and produces 20,000 m3/day of drinking water.

In Gran Canaria, the company is in charge of water supplies in Ingenio, a town in the southeastern part of the Island. In the north, Aqualia is the leading comprehensive water management company, supplying water to Gáldar, Santa María de Guía, and Agaete.

In addition, it manages sewage and waste water treatment in the entire island of Lanzarote, commissioned by the public company Inalsa, providing services to a population of more than 120,000.



Aqualia has two water quality control laboratories in the Canary Islands which perform approximately 75,000 tests per year.

#### ANALYSIS

### Aqualia's activities in the industrial sector

A company such as Aqualia, a leading player in the water sector with a global vocation to provide solutions and services to its clients, a factor that sets it apart from its competitors, cannot fail to have a presence in this segment. Nevertheless, the industrial water business, due to the peculiarities of the industrial sector, has special characteristics.



Luis F. de Lope Alonso Director of Aqualia Industrial

Although the origin of water and its uses coincide with respect to urban and industrial consumption, the intermediate processes to which water is subjected vary quite significantly. The quality of water for city dwellers is defined in Royal Decree 140/2003 (drinking water). In addition, the amount of water consumed by individuals and the contamination produced depend on standards defined according to the size of the population and their consumption habits.

This is not the case in the industrial sector where the amount of water and the contamination of used water depend on the specific processes of the industrial sector involved. Hence, water can be used in the industrial process per se, it can be used in cleaning procedures, and as a means to transport waste, for cooling certain installations, in boilers, and various other uses.

The volume of water used in pro-

duction processes also differ according to the sector, fluctuating according to the age of equipment, design of production lines, the processes used, and cleaning methods at installations. The use made of water also determines the quality of water and the required treatment.

Other relevant aspects in the design of water plants in the industrial sector are, for example, space limitations which enable the successful application of sequential technologies where equipment is replaced by instrumentation

We can continue to add value to the Group with our compact and modular solutions



Wastewater treatment plant, turn-key project, executed by Aqualia Industrial for Nestlé in the Azores (Portugal).

and control or, in other cases, novel solutions based on membrane technologies; or the wide range of contaminants in industrial effluents, ranging from high concentration of biodegradable contaminants that can be treated using anaerobic energy-generating technologies, to contaminants that are hardly biodegradable and which have led to the development of advanced oxidation technologies.

Automation, energy savings, the reduction of chemical reactive agents, and reuse, are concepts

that have a major systematic impact on industrial specifications.

The project for integrating industrial water as part of Aqualia's strategy, created under the name of Aqualia Industrial, has been in operations for almost 5 years. Despite its short history, we are very proud since, to date, we have been able to increase the sales figure in 2004 by nearly 10x. Despite Aqualia's experience in service management, and the incorporation of Aqualia Infrastructures, the former SPA, for the design and construction of urban treatment plants, several corporate transactions were required due to the peculiarities of this business.

The first of such transactions took place in December 2003 when the company acquired Graver Española, an engineering firm in Bilbao with 40 years' experience in the industrial water sector, keenly focused on the electricity sector. This transaction was followed by the incorporation of Nilo Medio Ambiente, a Seville engineering firm specializing in treatment of industrial effluents and with great knowledge of the agri-food sector; Chemipur Químicos, engaging in operations and maintenance of industrial water treatment facilities; and Hidrotec Tecnología del Agua an expert on equipment development and manufacturing. The consolidation of Aqualia Industrial culminated with the incorporation of Aguas Filtradas.

One of the keys to the success and competitiveness of Aqualia Industrial's solutions is our capacity for alternating conventional technologies with the most innovative ones thanks to the active involvement of our R+D+I department, which, over the past few years, has resulted in dozens of projects. These projects have been undertaken in partnership with universities and technology centers, and have resulted in 4 patents, with 3 more are currently in the study phase. The projects, prepared with the support of Econet, the Group's external consultants, and presented to various regional and State organizations (Andalucía R+D+i Program, CDTI, PROFIT 2006 and 2007, the Torres Quevedo Program , APC+/CDTI), received grants of nearly two million euros.

By developing proprietary technologies, we have been able to gain a foothold in new industrial waste water sectors, such as industrial urban wastewater, and wastewater treatment processes such as purasand (sand filtering with continuous flow), tertiary ultrafiltration with submerged membranes, sequential MBR, advanced oxidation, SBR, and reverse osmosis. The large-load anaerobic reactor developed by Aqualia Industrial is currently included in the European research proposal known as

### **Involvement in FCC Group projects**

**FCC Construcción.** Treatment of effluents in Vilademuls-Pontos road tunnels; Castellon airport; and the effluent treatment and recycling facility in the Las Colinas Golf housing development in Alicante.

**FCC Medio Ambiente.** Tertiary ultrafiltration and reverse osmosis treatment for recycling wastewater at the Santa María Harbor (Cádiz) which is subsequently used in street cleaning services.

**Ámbito.** Wastewater treatment plant for Ecodeal, one of the most modern and important waste management facilities in Portugal.

**Aqualia Infraestructuras.** Potabilization process using continuous cleaning filters in Sóller (Majorca) and the tertiary treatment system in Ranilla (Seville) wastewater treatment plant.

**Aqualia.** Zona Norte Potabilization Plant and compact effluent treatment plants.

**Proactiva.** Participation in the design of a leachate treatment plant based on high-performance technologies.

breweries, paper, sugar, pharmaceutical, agrifood, etc., and have enhanced the possibility of increasing our technological offering, such as partial reuse or zero spillages in the industry. Moreover, it has also made it possible to apply some of these processes and products for water potabilization, treatments, and recycling of "Emerging Technologies for Sustainable Water Use in Industries".

Thanks to this accumulated expertise and our innovation potential, we enjoy the confidence our clients who have entrusted us with the search of solutions for their specific problems, projects which are frequently of great technological complexity. Our relationship with the client is reinforced thanks to operations, maintenance, and exploitation of their installations.

We are particularly proud of our participation in projects in other FCC Group business units (from the treatment of effluents generated in the construction of tunnels, to water treatment applications for washing trucks and street cleaning, to the treatment of leachates and industrial liquid waste). We believe that we can contribute to creating value for the Group with our compact and modular solutions, for drinking water and wastewater treatment, which can be applied in the real estate and construction sectors, in industrial parks, urban developments, sports facilities, and golf courses.

In short, the projects developed by Aqualia Industrial address the main challenges currently faced by the industrial wastewater treatment industry: recycling of water and zero spillages; reduction of costs involved in operating wastewater treatment plants, and specific elimination of emerging and non-biodegradable pollutants.

Our challenge is to consolidate our leadership positioning in the Spanish market, full commitment to our clients with long-term contracts, going hand in hand with them in their international diversification, and contributing sustainable solutions to these clients that enhance the perception of their products and services.

**Cementos Portland** Valderrivas welcomes its neighbors at its factories

> The Cementos Portland Valderrivas Group organized an open house at its Hontoria factory in Venta de Baños (Palencia) and at Morata de Tajuña (Madrid).

> This event was held in keeping with the European "Plant Open Week" initiative to bring the cement manufacturing plants closer to the community, enabling citizens to learn of the production process involved in manufacturing one of the basic construction product.

> Under the slogan" Come with the family to meet us, you'll enjoy an unforgettable day", the Hontoria factory welcomed nearly 1,000 neighbors from Venta de Baños, Magaz de Pisuerga, Tariego de Cerrato, Hontoria de Cerrato, Cevico de la Torre, Villamuriel, Dueñas, and Palencia who had the chance of enjoying a guided tour through the facilities and a varied information program. Intermón-Oxfam, the NGO, participated at the event, with a group of volunteers setting up a market with fair trade products to take advantage of visitor's solidarity by contributing to a good cause.

### **Great success**

The open house at the El Alto de Morata de Tajuña cement factory used the slogan "Close to you". Members of the Morata de Tajuña community and surrounding areas went with their families to enjoy a morning full of various activities. A popular planting event was organized at the limestone quarry in collaboration with the Morata Cultural Association.

Other complementary educational activities were organized at both factories, including the projection of a video on the installations and cement manufacturing, and an exhibit of the raw materials used in cement manufacturing and the different products obtained, such as clinker and different



types of cement. The exhibit also equipment used in the manufacturing process, such as heavy quarry machinery, excavators and loading shovels, and a collection of photographs from the factory's early days. Several tents were set up with attractions for the young crowd, including magic games, an arts and crafts workshop, and a jumping installation. Highly successful, these open house events underscore the commitment of the Cementos Portland Valderrivas Group as part of its sustainability strategy aimed at improving its relations with its neighbors by encouraging transparency in all of its activities. This initiative will be implemented in other Cementos Valderrivas factories this year, and in other manufacturing facilities in throughout Europe.

### **European** initiative

This activity fits in with an initiative promoted by the European cement industry this year: open houses to allow members of the community in areas close to the plants, family of employees, public administrations, ecologists, the media, and all groups who have a direct or indirect relationship with the industry to become familiar with a sector that, despite its closeness during decades, is not well known by the public. Over 75 cement plants in 27 countries will be participating in the open house initiative, welcoming more than 40,000 European citizens, according to the European Cement Manufacturing Association (Cembureau).

The industry's initiative is in keeping with a communication strategy to have the community learn not just about the production process and the dynamics of a factory, but also the importance of human resources at these facilities and the measures taken to ensure workers' comfort and safety, as well as the initiatives being implemented in relation to efficiency and sustainable development.





Members of the Venta de Baños and Morata de Tajuña communities went with their families to enjoy a morning full of various activities. Above these lines, images of the popular planting event organized at the limestone quarry of the El Alto cement factory.



### **Cementos Portland's quest for Environmental Excellence**

This initiative is aligned to Cementos Portland Valderrivas' e nvironmental strategy and in keeping with the Group's Environmental and Sustainability policies.

In keeping with the environmental policy of the Cementos Portland Valderrivas Group and in order to meet the challenges outlined in its Sustainability Report, all the Group's factories will be certified in accordance with the European Eco-Management and Audit Scheme (EMAS). The implementation of this EMAS scheme is a voluntary initiative responding to Cementos Portland Valderrivas' vocation to achieve environmental excellence. This is underscored by the various environmentally-ambitious agreements which the company has entered into with various public administrations.

Six facilities are already participating in the European Eco-Management and Audit Scheme. The Monjos and

Vallcarca factories in Cataluña will be certified in the near future.

The Environmental Declarations of the factories contain full information on environmental performance at the corresponding facilities in connection with emissions to air, spillages, noise control, air quality, soil contamination, and vegetation in the surrounding areas, and information on waste generation and consumption of natural, energy, fuel, and raw material resources.

In addition, these declarations reflect the commitments of the factory, which bases its environmental strategy on its contribution to sustainable development by applying basic prevention

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and control principles, and comprehensive control of contamination in all activities. To achieve this, technical considerations for improving the environment are included in their investment plans and procurement of equipment, stressing the gradual application of the best available technologies.

All data is verified by AENOR personnel who attest to the accuracy of the report, which reflects the transparency policy implemented by Cementos Portland Valderrivas Group's management and its commitment to clients, shareholders, workers, and all the company's social and economic stakeholders. With this ambitious objective, the cement group aims to reach Environmental Excellence, pressing ahead with the ongoing performanceimprovement process undertaken in the nineties when it began to apply environmental management as a means of monitoring the impact on the environment. This led to a system for developing the Group's environmental management system and certification in accordance with the UNE-EN ISO 14001 standard. The Environmental Declarations of the factories contain full information on environmental performance at the corresponding facilities in connection with emissions to air, spillages, noise control, air quality, soil contamination, and vegetation in the surrounding areas, and information on waste generation and consumption of natural, energy, fuel, and raw material resources.

### **European Registry**

The European Union has been implementing the Eco-Management and Audit Scheme (EMAS) since 1993 through several EU regulations (revised the last time in 2001). The scheme is managed by each of the E.U. member countries and, in Spain, by the Autonomous Regions, always in accordance with the pertinent guidelines.

### REALIA invests 129 million euros in TORRE REALIA BCN, the real estate Group's largest office building

TORRE REALIA BCN is the new symbol of REALIA in Barcelona. Located in the Gran Vía Sud-Plaza de Europa business district, the office blow is set to become a landmark gateway at the southern entrance to Barcelona.

REALIA, the FCC-Caja Madrid controlled group, has completed the structure of the TORRE REALIA BCN building. Following this milestone, construction will enter its final stage with the façade enclosure and the installation of fixtures and fittings on all floors. Investment in this project will total 129 million euros.

The new 117-meter-tall tower will have 24 floors, 22 of which will be used as leased office space, with a spacious open plan design, and the other two for technical services. The building also has 3 underground floors with 2,679 m<sup>2</sup> of floor space for commercial premises and a car park for 399 vehicles.

In all, the tower has a leasable area of 31,950 square meters, making it the Group's largest office block, surpassing the 28,425 square-meter Torre Realia headquarters in Madrid and the 28,419 Diagonal Sarrià building in Barcelona.

REALIA has appointed the international property consultants Cushman & Wakefield and Jones Lang LaSalle to promote the office and commercial spaces.

TORRE REALIA BCN will be a flagship building not only for REALIA but also for the Gran Vía Sud-Plaza



de Europa business district. The skyscraper will become a point of reference of the southern access to Barcelona, both for its height and design, work of the Japan-based Korean architect Toyo Ito. TORRE REALIA BCN forms parts of a serviceindustry complex which also features a hotel by the Santos Group. Both buildings will be connected by a shared floor which will house the commercial premises.

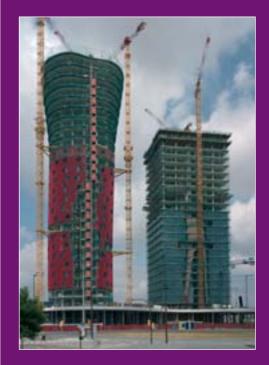
### **Upsurge in offices**

REALIA is developing an investment plan in office buildings to the tune of 239 million euros, which will increase its property assets in offices in Barcelona and Paris. In addition to the 129-million-euro investment in the TORRE REALIA BCN, a further 25 million euros have been earmarked for a new-build in the Barcelona Parc Central 22@. Through its French subsidiary SIIC, REALIA has earmarked 85million euros to the construction of a new office block in Paris, located between François Ory and Louis Lejeune streets. Both office buildings are due to be in use by 2010, one year after TORRE REALIA BCN.

The company, led by Ignacio Bayón, operates in the development and leasing of

its offices and shopping centers, as well as property development and land management. Its properties (offices and shopping centers) currently make up 53% of the market value of group assets, compared to 47% which corresponds to development and land. REALIA's corporate strategy is to boost the proportion of its property to between 65% and 70% of its net asset value.

REALIA recorded a turnover of 813 million euros last year with a net profit of  $\in$ 140.4 million. The company currently has assets with a market value of  $\in$ 6.342 billion and a net financial debt of  $\in$ 2.089 billion, which gives a loan to value ratio of 33% - one of the lowest in the sector



The new 117-meter-tall tower will have 24 floors, 22 of which will be used as leased office space, with a spacious open plan design, and the other two for technical services. The building also has 3 underground floors with 2,679 m<sup>2</sup> of floor space for commercial premises and a car park for 399 vehicles.

### **REALIA offers FCC Group employees** new exclusive home-buying offers

The FCC Group Human Resources Division and Realia, the FCC-Caja Madrid real estate company, offers a new selection of exclusive homes to all FCC employees and their families.

The FCC Group Human Resources Division and Realia, the FCC-Caja Madrid real estate company, offers a new selection of exclusive homes at various locations nationwide to all FCC employees and their direct family members at very attractive prices.

employees or direct family members, by dialing 902 33 45 33 before the 31th of December 2008.

#### Guíxols Mar, in Sant Feliu de Guíxols (Girona)

This is a specific and limited-time offer to buy a home in fast-growing areas in Madrid and Barcelona, such as Jardín del Vivero, in Fuenlabrada and El Cor de Sabadell, in Sabadell; or in exceptional vacation spots such as the housing developments in Guíxols Mar (Girona) and Aquamaris, in Denia (Alicante). All of these homes feature excellent quality and extraordinary furnishings and fittings.

Those who wish to benefit from these offers should contact REALIA, identifying themselves as FCC To enjoy the sea, sun, and golf, Realia offers the Guíxols Mar homes in Sant Feliu de Guíxols (Girona), a town in the heart of the Costa Brava with an active commercial life, rich in cultural and historical sites, surrounded by mountains and the sea. Its incredible coast is full of spectacular cliffs, small fine-sand beaches and inlets.

This development consists of 1, 2, 3, and 4 bedroom ground floor apartments with gardens and penthouses, common landscaped areas with a swimming pool, garage, and commercial premises. 20% discount for FCC



employees and direct family members. Guíxols Mar, in Sant Feliu de Guíxols (Girona) 1, 2, 3, and 4-room apartments, ground floors with gardens, and penthouses. From 200,000 euros (retail price without discount, VAT not included).

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20% DISCOUNT for FCC employees and direct family members.

- Aquamaris, in Denia (Alicante)
- 2-bedroom apartments and pent-houses. From
- 169,900 euros (retail price without discount,
- VAT not included).

employees and direct family members. From 200,000 euros (retail price without the discount, VAT not included).

### El Cor de Sabadell, in Sabadell (Barcelona)

Cor de Sabadell (Barcelona) is a 2-bedroom housing development in the city's midtown district. The homes feature heat, air-conditioning, aluminum double-pane glass windows, parabolic antennae, fully-equipped kitchens, and energy-efficient systems. The housing development is in a peaceful setting, with community public area, swimming pool, parking, and storage rooms. 20% discount for FCC employees and direct family members. From 279,000 euros (retail price without the discount, VAT not included).

#### Aquamaris, in Denia (Alicante)

At 300 meters from Las Marinas beach, this home development consists of 2-bedroom apartments and penthouses with garage. It features large landscaped gardens with a swimming pool, sports facilities, paddle court, and children's playground. 20% discount for FCC Offer good until the 31th of December 2008. Offer is limited; no more than one home per buyer

employees and direct family members. 20% discount for FCC employees and direct family members. Prices start at 169,900 euros (retail price without discount, VAT not included).

#### Jardín del Vivero, in Fuenlabrada (Madrid)

Situated in Fuenlabrada in a new district, close to Fuenlabrada and the Loranca Hospital, the El Vivero development features a selection of 1 and 2 bedroom apartments. ground floor 2-bedroom apartments with gardens, and 1 and 2-bedroom penthouses. This enclosed community has landscaped gardens, a pool, a community room for events, parking facilities and storage rooms. The price of these apartments at this new housing development (Subsidized Limited Price), start at 178,021 euros. (VAT not included).



20% DISCOUNT for FCC employees and direct family members. El Cor de Sabadell, in Sabadell (Barcelona). 2-bedroom homes in the city's midtown district. From 279,000 euros (retail price without discount, VAT not included).



20% DISCOUNT for FCC employees and direct family members.

Jardín del Vivero, in Fuenlabrada (Madrid) 1, 2, and 3-bedroom apartments,

2-bedroom ground floor apartments with garden, and 2 and 2-bedroom pentouses. A new Limited Price Subsidized Housing development. From 178,021 euros (VAT not included).



### FCC joins the Dow Jones Sustainability Index

The Dow Jones Sustainability Index has evaluated and selected the FCC Group considering its corporate governance criteria, its wager on sustainability and the socially-responsible commitment of its activities.

For the first time, FCC has been selected from among the world's leading sustainable companies to join the list of 47 companies in the Dow Jones Sustainability Index.

Created in 1999, the DJSI seeks to classify companies which are leaders in sustainability. The index reviews 2,500 companies annually and evaluates their performance using more than 50 general and specific yardsticks, depending on the sector in which they operate.

Companies are assessed on the basis of: corporate governance, risk management, codes of conduct and anti-corruption, environmental criteria, human capital development, talent attraction and retention, philanthropy, and social reporting, among others.

FCC's score is the result of the Group's long-standing commitment to sustainability and social responsibility in its activities, which include construction, services, cement, real estate and energy.

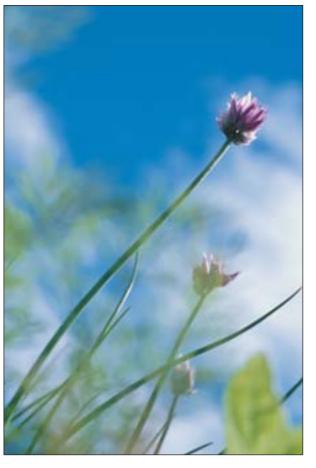
Towards this end, the new FCC Strategic Plan (Plan 10) incorporates sustainability and social responsibility in its activities as its main pillars.

#### **Responsible commitment**

The Group's policy in this area is set out in its Corporate Social Responsibility Master Plan, which includes the following lines of strategy: corporate governance, combating climate change, attracting and retaining talent, brand image, increasing safety, eco-efficiency, dialogue and cooperation.

In an effort to promote and coordinate these actions, four years ago FCC created a Corporate Social Responsibility Department, as well as a Group-level committee to deal with this area. FCC and all its business areas publish regular reports on corporate social responsibility.

The company has approved a Group Code of Ethics, implemented a corporate volunteer program, and joined the Excellence in Sustainability Club of Spanish companies that are leaders in the field of social responsibility.



The Report mentions the most important sustainability-driven actions undertaken by FCC in 2007 in all its businesses and subsidiaries. The activities and economic, social, and environmental indictors detailed in this report reflect the progress achieved in FCC's six strategic corporate responsibility targets as set out in its Master Plan.

### FCC Group publishes its third Corporate Social Responsibility Report

For the third consecutive year and as part of the Group's Annual Report, the FCC Group has published its annual Corporate Social Responsibility report, drafted in accordance with Global Reporting Initiative G3 Guidelines, warranting the highest A+ rating. In order to ensure the accuracy of data contained in the report, it was verified by an independent specialized firm.

The objective of this report is to allow the company's stakeholders to interpret and assess FCC's corporate results in the areas where it operates, and to check if the strategies adopted by the Group actually contribute to a sustainable scenario.

Great efforts were made in the 2007 Corporate Social Responsibility report, as part of a significant improvement over the previous year, in extending the geographical scope of the indicators mentioned in the report given the importance of the company's international activities, and in consolidating data from Group's various business divisions.

The report is drafted to facilitate a comparison of indicators and the progress achieved in the six strategic lines of FCC's Corporate Social Responsibility objectives outlined in the Group's Master Plan. In addition to providing concise and global overview of the progress achieved in Corporate Social Responsibility, the report includes two tables, one outlining the objectives of the Master Plan and another table detailing all the measures implemented by FCC in connection with the Global Pact Principles.

#### **Code of Ethics approved**

In relation to Corporate Governance, the

report refers to the Company's compliance with the recommendations of the Unified Code of Good Governance and the approval of a Code of Ethics for the entire FCC Group, which was drafted with the collaboration and recommendations of company employees.

Three in-house communication channels have been set up: one to report potential financial and accounting irregularities; another channel for reporting "mobbing" and sexual harassment in the work place; and, another channel to report breach of the Code of Ethics.

In relation to good governance, the Group has presented the Galileo Project, the objectives of which is to integrate new international acquisitions of the FCC Group in the Group's socially responsible culture.

One of the Organization's main concerns, due to the inherent risk of its activities, is its employees' health and safety. This is reflected in the Report in a specific chapter on management measures and systems aimed at minimizing possible risks. It includes data on the reduction of occupational hazards at FCC in comparison with 2006, which was down 14.12% in comparison with 2006 following the trend in place over the past ten years.

#### Nine million euros for social projects

The Group has put aside more than 9 million euros for social projects, including the FCC Corporate Volunteer Plan, several platforms for communication among the various business units, the recently founded FCC Foundation, and several social projects at landfills in Latin America to improve the quality of life of neighboring communities. In 2007, FCC created 3,572 more new jobs The report was drafted in accordance with the Global Reporting Initiative G3 Guidelines

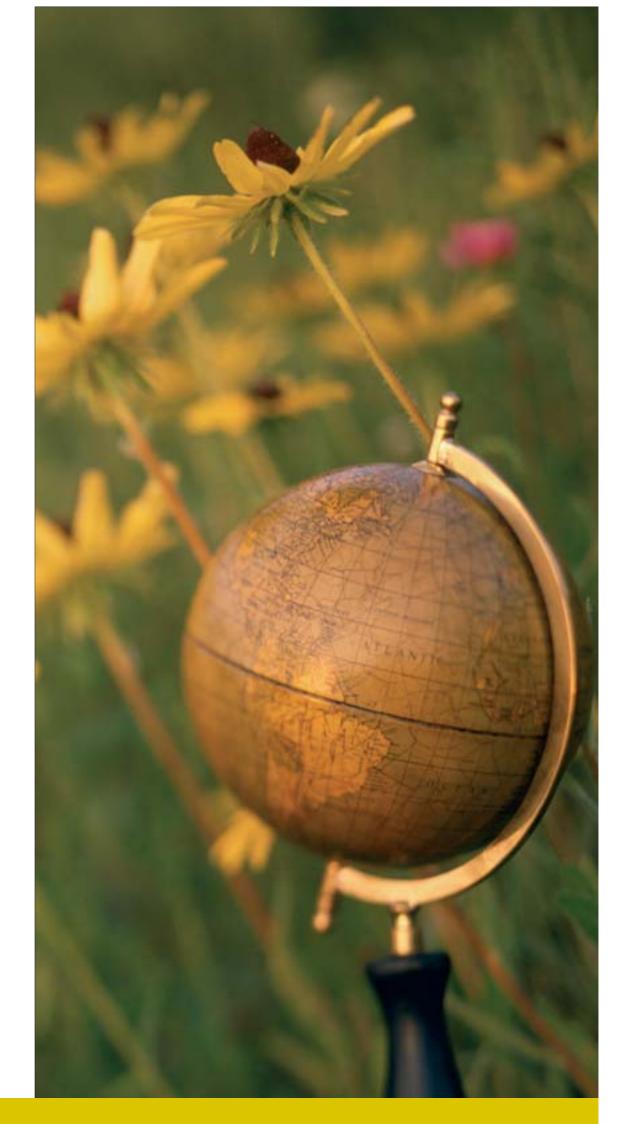
than in 2006, investing more than 17 mi8llion in training for 94% of the workforce, 23% more than in 2006, and increased indefinite work contracts by 17%.

The "Family Program" is described in the report. This plan aims to facilitate the integration of disabled FCC family members and the pilot project for sub-contracting companies whose workforce is completely made up of workers with disabilities.

One of the chapters in the report deals exclusively with climate change, detailing the results of the Company's efforts to reduce CO2 emissions and to use energy-efficient technologies and renewable energies. For example, CO2 emissions in the cement division, the Group's business with the greatest pollution potential, declined 14.21% in comparison with 1990.

The Group's concern for protecting and improving biodiversity is described in the report, including several case studies, mentioning that FCC is currently protecting more than 200 hectares of land with enormous biodiversity.

R+D+i is highlighted in the chapter on "ecointelligent development" in which FCC has spent more than 18 million euros in 2007in various projects, including bioclimatic construction, sustainable mobility, recycling, waste-to-energy, and desalinating plant efficiency.



### FCC sponsors the Kyoto Homes Program

For the past two years, the FCC Environment office in Guipúzcoa-Navarre has been sponsoring the Kyoto Homes Program, promoted by Centro de Recursos Ambientales de Navarra (the Navarre Center for Environmental Resources) a foundation supported by the Department of Rural Development and the Environment of the Navarre Regional Government, and the public companies, Gestión Ambiental, Viveros y Repoblaciones de Navarra and Navarra de Medio Ambiente Industrial.

Since households consume a significant amount of energy, the objective of this campaign is to encourage energy savings at home and promote changes in the habits of individuals to contribute to more reasonable use of energy resources.



Under initiative's slogan, "You choose, you decide", the Navarre Center for Environmental Resources, aims to encourage the active participation of citizens, applying simple measures to achieve a better environment without reducing personal comfort. In addition, through this program the individuals and families who participate can learn about the amount of energy that they consume at home, how to reduce their monthly utility bills, and cut back CO2 emissions, the main causes of global warming.

The Kyoto Homes Program was able to achieve a 15% reduction in electricity and gas consumption in the first half of 2008 with respect to the same period in 2007.



### A friend of Expo Zaragoza 2008

Aqualia actively participated in the International Zaragoza Exhibition, which closed at the end of September of this year. In this large space dedicated to water and sustainable development, the FCC subsidiary specializing in comprehensive water management was one of the sponsors of the Expo Zaragoza 2008, joining the "Friends of the Expo" partnership, and participating in several sessions dedicated to water management. At this event, the company presented its book, "Climate Change in Spain and its consequences in the water sector", written in collaboration with the Rey Juan Carlos University in Madrid.

The book presentation took place at the Citizens' Initiatives Pavilion, under the

auspices of Eduardo Mestre, the Director of the Expo Zaragoza 2008 Water Tribune, and Cristina Gutiérrez-Cortines, EU Commissioner and Chairwoman of the European Parliament Sub-Committee on Water and Climate Change. The book's 20 chapters in which 26 authors participated, dwells on all relevant aspects in relation to climate change.

#### **Aqualia and Universities**

Aqualia, in partnership with the Santander City Council, and as part for the summer Cantabria University summer program, organized the course on Efficient Water Management in Urban Centers. In his opening speech, Iñigo de la Serna, the city's mayor, stressed the

### SOCIAL RESPON

El Cambio Climátic en España y sus consecuencias en el Sector del Agu



From left to right: Eduardo Mestre, Director of the "Water Tribune"; Belén Ramos, Head of Environmental Affairs at OCU (Consumers' Association); Enrique Hernández, Service Aqualia's Director of Service Management; Cristina Gutierrez-Cortines, **FU** Commissioner and Chairwoman of the E.U. Parliament Sub-Committee on Water and Climate Change; Regino Criado, professor of Applied Mathematics at the Rey Juan Carlos University; and Juan Pablo Merino, Aqualia's Marketing and Communications Director.

need to "invest in R+D+i to achieve efficient management", also singling out Aqualia's excellent collaboration and its contribution to improving this service.

The company has also entered into an agreement with the Antonio de Nebrija University in Madrid to launch a Management Development Program. This program aims to impart knowledge and the necessary skills to be able to meet current corporate challenges with regards to sustainability, social responsibility, and efficient management, essential aspects to achieve corporate goals. In Tenerife, the company participated in the Adeje Summer Program through its agreement with the La Laguna University, offering the water management course: "The Value of this Resource". José Fernández Bethencourt, the Director of the Consejo Insular de Aguas de Tenerife (the Tenerife Water Authority), spoke on the effects of global warming on the island's water resources, and thanked Aqualia for its efforts in implementing this initiative.



## Aqualia, first private company to join the Water Alliance

Aqualia, the FCC Group subsidiary engaging in comprehensive water management, is the first private company in Spain to join the Water Alliance, an organization created to further the United Nations Millennium Development Goals, approved in 2000 by 189 countries.

The Water Alliance's objective is to encourage solidarity among water users in



Lola Campos, Zaragoza City Hall's Councilor for Environment, and Íñigo de la Serna, the Mayor of Santander, at the closing ceremony.

Spain and Central America. Its members are representatives from five Spanish society sectors: Public Administrations; Corporate, Research and Opinion Centers; Non-governmental Organizations, and private citizens.

This alliance aims to contribute, in a real and practical way, to extending the right to drinking water and basic sanitation services in Central America; mobilizing resources from Spanish society to fund projects in this geographical region; building awareness and encouraging solidarity to achieve the Millennium Objectives, and promoting collaboration among various social agents.

Its involvement in this major project, in partnership with leading organizations and institutions, reinforces Aqualia's role as a company concerned with promoting initiatives in various forums that contribute to greater knowledge of the sector, with the collaboration of all stakeholders.

# when you smile, you win



Aquamaris

Dènia, Alicante

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