



# INFORMA

November-December 08.  
Issue No. 87



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# COMMITTED TO EQUALITY

FCC SIGNS AGREEMENTS WITH CCOO AND UGT



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## FCC, CCOO and UGT sign the Equality Plan

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**FCC Construcción and FCC Medio Ambiente are the first companies in their respective sectors in Spain to launch an Equality Plan to be in force through 31 December 2012.**

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The FCC Construction and Environment business units and Comisiones Obreras and Unión General de Trabajadores (trade unions), have signed an Equality Plan. This plan consists of a “structured set of measures that will truly and effectively pave the way for the overall achievement at each specific company of the objectives of equal treatment and opportunities for men and women, and eliminate any trace of gender discrimination”. The plan will be in place in both business units until 31 December 2012.

As part of the commitments and relationships, these equality plans were negotiated with the country’s major trade unions in compliance with Public Act 3/2007 of 22 March for the effective equality of men and women.

### **FCC Construcción**

The FCC Construcción Equality Plan was signed on 19 November by the Chairman and CEO of FCC, Baldomero Falcones, and the CEO of FCC Construcción, José Mayor. Comisiones Obreras (CCOO) was represented by Fernando Serrano, Secretary General of the Federación de Construcción, Madera y Afines (FECOMA), with Manuel Fernández, Secretary General of the Federación Estatal de Metal, Construcción y Afines representing Unión General de Trabajadores (UGT).

FCC Construcción is the first company in its sector in Spain to implement an Equality Plan. This plan encompasses all workers at any of FCC Construcción’s current and future work sites in Spain. It also includes all subsidiaries in which the company owns a direct or indirect stake of more



**The first company  
of their sector in Spain to launch an  
Equality Plan**

than 50% and which are covered by the labor agreement applicable to the construction sector.

**FCC Medio Ambiente**

The Chairman and CEO of FCC, Baldomero Falcones, and José Luis de la Torre, the Chairman of the Service Division, signed the plan on behalf of FCC Medio Ambiente on 5 December 2008. Julio Lacuerda Castelló, Secretary General of the Federation of Public Service Workers and Juan Sánchez Fernández, Secretary General of the State Federation of Service Workers signed on behalf of UGT. Jesús Antonio Fernández Béjar, General Secretary of the Federation of Diverse Activity Workers signed the



**Sustainability and  
responsibility  
commitments**

For many years, the FCC Group has been active in promoting ethical principles and values as well as implementing in-house programs and procedures, and taking steps to create a work environment that encourages respect for workers, equal opportunities for men and women, and the integration of a diverse workforce, in keeping with the company's commitment to sustainability and corporate social responsibility.



From left to right: José Luís de la Torre, Chairman of the FCC Service division; Julio Lacuerda, Secretary General of the Public Service Federation of UGT; Baldomero Falcones, FCC Chairman and CEO; Jesús Antonio Fernández Béjar, Secretary General of the Diverse Activity Federation of CCOO; and, Juan Sánchez Fernández, Secretary General of the State Service Federation of UGT.

document on behalf of Comisiones Obreras.

The Plan will be applied at all work sites in Spain of the Environment Division of FCC Services as well as at all of its subsidiaries.

The parties who signed the Equality Plans have wide and successful experience in negotiating all types of labor agreements thanks to their awareness of the responsibilities affecting all in relation to social dialogue conducive to reaching

### Key objectives

- To promote the effective defense and application of the principle of equality among men and women, guaranteeing the same opportunities for income and professional development in the workplace at all levels.
- To improve the gender balance within the scope of the Plan.
- To promote and improve women's opportunities to attain positions of responsibility, helping reduce inequalities or imbalances that may arise in FCC, regardless of their historical, cultural, social or family roots.
- To prevent on-the-job discrimination on the basis of gender, establishing a protocol for measures to be implemented in such cases.
- To reinforce the Group's commitment to sustainability and corporate social responsibility with a view to improving living standards for employees and their families, and promoting equal opportunities.
- To establish guidelines to exclude any measures that might make it difficult to balance work and the family and personal life of FCC workers.



From left to right: José Mayor, Chairman of FCC Construcción; Fernando Serrano, Secretary General of Federación de Construcción, Madera y Afines (FECOMA); Baldomero Falcones, FCC Chairman and CEO; and, Manuel Fernández, Secretary General of the Federación Estatal de Metal, Construcción y Afines.

**Building awareness  
on the individual rights of employees, protecting  
and fostering such rights.**



agreements that are designed to improve work conditions and encourage the peaceful social conditions essential for the normal development of the organizations.

Through these agreements, FCC aims to contribute to building awareness on the individual rights of employees, protecting and promoting such rights. Specifically, the goal is to safeguard employees' dignity at the workplace, establishing healthy behavior patterns and eliminating any conduct that could be considered an illegitimate infringement on a person's privacy and dignity.

FCC Medio Ambiente, jointly with FCC

Construcción, is the first company in its sector to implement an Equality Plan.

The Equality Plan for men and women proposes several objectives aimed at encouraging the incorporation, permanence, and career development of women; eliminating the barriers that make it difficult for women to enter and remain in the workforce under the same conditions as men. The following areas of action have been identified with a view to achieving these objectives: access to employment, promotion, training, remuneration, work-life balance, measures to prevent and address discrimination, and prevention of gender harassment and violence.

## Rafael Montes, Gold Medal for Commendable Work

In its meeting last 5 December, the Council of Ministers approved a Royal Decree to grant Rafael Montes Sánchez the Gold Medal for Commendable Work.

According to the official reference issued by the Council of Ministers, this award aims to “reward and highlight the merit of socially subtle and exemplary conduct in the performance of the duties required in any job, profession, or service”.

Rafael Montes has been working at FCC for the past 41 years. A civil engineer, Mr. Montes began working at the company as the head of the Projects, Studies, and Contracting Department. He was later appointed General Manager of Building and Real Estate and Managing Director of Construcciones y Contratas.

In 1992, he became responsible for diversification in his job as Chairman of the FCC service companies. At the proposal of Esther Koplowitz, he was named CEO in October 2004. In 2008, he became a non-executive Chairman of the Company, holding



this post until July of that year. Rafael Montes is currently a member of the Boards of Directors of FCC, Cementos Portland Valderrivas, and Realia.

## The magazine Capital gives FCC an award for its environmental and social commitment

The representative of the Madrid City Council Environment Department, Ana Botella, giving the award to José Luis de la Torre, Chairman of FCC Services.



Capital, the financial magazine, has given FCC the Environment Prize coinciding with the special edition dedicated to Madrid. The prize was collected by José Luis de la Torre, Chairman of FCC Servicios and given by Ana Botella, Representative of the Madrid City Council Environmental Department, in an event held on 2 December.

The magazine highlighted the fact that FCC has been in charge of waste collection in the city since 1940 and that “thanks to the innovations implemented, Madrid now has 300 gas-powered garbage trucks operating throughout the city’s streets”. The magazine also mentioned that since 2008, it is one of the few cities in the world with waste collection vehicles, powered solely by electricity, are circulating throughout the city’s streets.

Capital magazine was able to see “the deep transformation and modernizing dynamism that characterizes our city”, as mentioned by Ana Botella. The special December issue is dedicated to the city of Madrid and to the award-winners. The objective of these awards is to give recognition to Madrid companies and business as well as the initiatives and projects which, in one way or another, are identified with Madrid and contribute to its development.



# FCC celebrates its Investor Day

More than 50 analysts and investors participated in the Investor Day on 28 October, organized by the Stock Market and Investor Relations Department of FCC to provide information on the activities of the Group's Services Division. The following company executives spoke at the event: Chairman-CEO Baldomero Falcones; Services Chairman, José Luís de la Torre; CFO Víctor Pastor; General Manager - Environment, Agustín García Gila; General Manager - Industrial Waste, Aurelio Blasco; General Manager - Water, Fernando Moreno, and Head of International Environment, Tomás Núñez.

The strategic FCC Services Division is valued at 7.4 billion euros. It is one of the key pillars in the Group's development, as contemplated in Plan 10, absorbing nearly 60% of the total 4 billion investments planned by the Group. Its mission is to intensify the international diversification drive of this business unit in order to increase its sales contribution to 50% in 2010 versus 36% in 2008, and generate synergies with other Group areas.

## European leader

FCC is one of the leading service and infrastructure groups in Europe in terms of revenues, profitability, and financial clout. It has in-depth knowledge of the market, develops its own and specific technology according to each activity and need, and has a highly experienced and qualified team of professionals.

The FCC Group, which has been carrying out service activities since 1911, has a large presence in several countries in Europe, Africa, and America. This business includes solid urban waste collection, treatment, and elimination, street cleaning services, upkeep of the sewer system network, conservation of parks and green areas, treatment and elimination of industrial waste, and comprehensive water management.

## COMPETITIVE STRENGTHS

In the current scenario, FCC enjoys important differentiating advantages and attractiveness for capital markets:

### "LEADERSHIP" IN ACTIVITIES



**Leader and/or among the top three operators according to activity and market.**

### STRATEGIC "VISIBILITY"



**Plan 10 (08/10), with demanding targets, visible and consistent with FCC's mission.**

### FINANCIAL "STRENGTH"

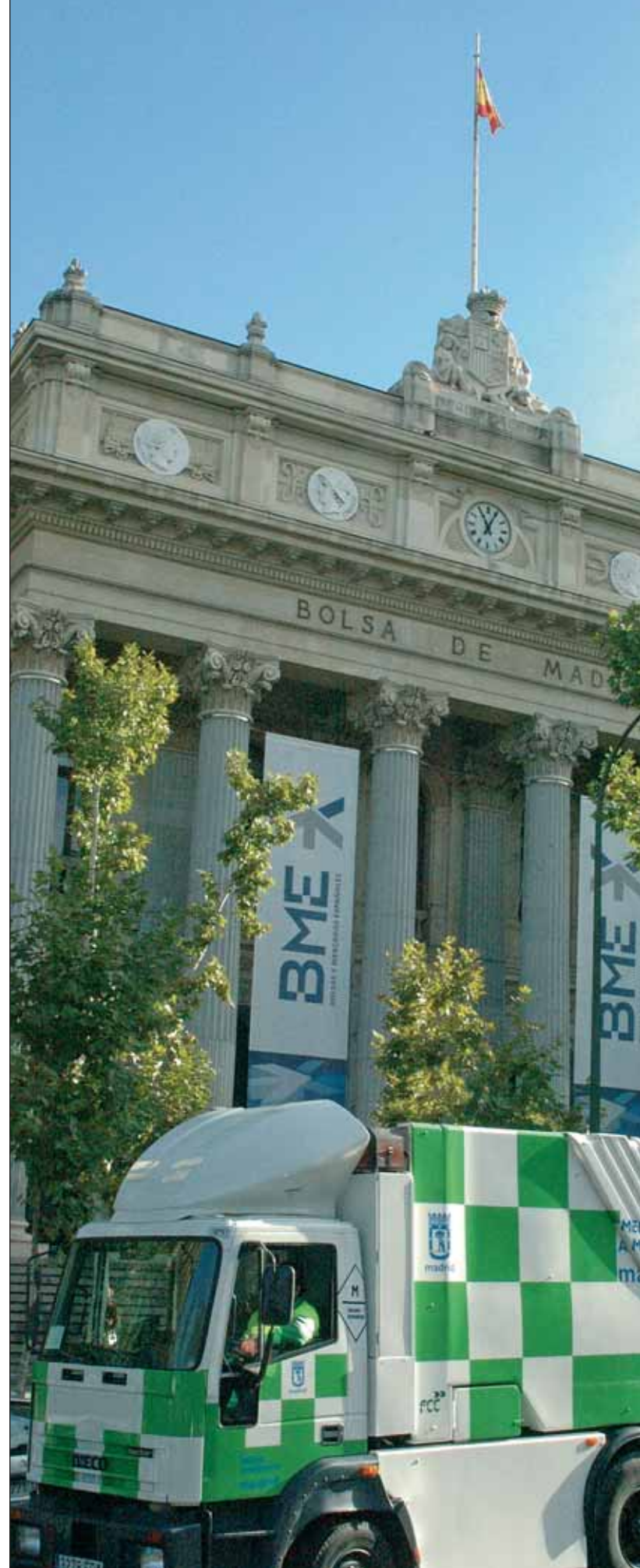


**Capacity to finance growth and ensure the Group's complete solvency.**

### "COMMITMENT" TO SHAREHOLDER



**50% committed pay-out and higher stake of controlling shareholder**



# Generalitat de Catalunya grants Esther Koplowitz the Blanquerna Award

The award is a recognition of the quality of Esther Koplowitz's business acumen and the importance of FCC in the business sector in Catalonia and Spain in general. Many celebrities from social, cultural, financial, and political circles were present at the event held on 5 November at Madrid's Royal Theater.



The President of the Regional Government of Catalonia, José Montilla, gave the Fifteenth Blanquerna Award to Esther Koplowitz, the main shareholder and vice-chairman of FCC, also founder of the Esther Koplowitz Foundation.

The prize given by the Catalan Regional Government is a recognition of Esther Koplowitz's quality management and the relevance of FCC in the Catalan and Spanish corporate history. Her business acumen and corporate vision have made her one of Spanish women with the greatest national and international prestige.



The award, which was given on 5 November at a ceremony held at the Madrid Royal Theatre, also recognizes her humanitarian actions through the Esther Koplowitz Foundation, and her commitment to the most disadvantaged members of society - the elderly in need, the physically and mentally disabled - and her support for medical research and the fight against disease.



Above, the Esther Koplowitz Biomedical Research Center (CIBEK) and La Casa Nostra Fort Pienc for the elderly in need (Barcelona).

Esther Koplowitz attended the event accompanied by her daughters and her sister. Many political personalities, such as the president of the Madrid Autonomous Government, Esperanza Aguirre, the Minister of Defense, Carme Chacón, the mayor of Madrid, Alberto Ruiz-Gallardón, the Secretary of Culture of the Catalan Regional Government, Joan Manuel Trasserras, and by many other celebrities from financial, social, and cultural circles.

## Social works in Barcelona

The Esther Koplowitz Foundation built, fitted, and donated a home for the elderly in need in Barcelona, the La Casa Nostra Fort Pienc. In the field of science, the foundation is funding and building the Esther Koplowitz Biomedical Research Center (CIBEK), to

be donated to the Fundació Clinic in Barcelona, which will become the leading biomedical research facility in Spain.

Koplowitz Biomedical Research Center (CIBEK) is, undoubtedly, the Foundation's most important donation in the field of biomedical research and one of the most important research sponsorship initiatives in Europe. CIBEK has been made possible thanks to the convergence of three initiatives:

- Firstly, acquisition made of the physicians at Hospital Clinico of Barcelona - the leading medical research centre in Spain and one of the most productive in Europe - of a plot of land next to the Hospital with the intention of building a biomedical research facility.
- Secondly, the Esther Koplowitz Foundation which, at the request of Hospital Clinico, donated 15 million euros for building the center.
- Thirdly, the University and Investigation Department (DURSI) of the Catalan Regional Government, and the Carlos III Health Institute of the Ministry of Health, all of which have given their firm support for the center's future.

The home for the elderly in Barcelona is the second one sponsored, equipped, and donated to a Public Administration by the Esther Koplowitz Foundation. The Nostra Casa del Fort Pienc residence can accommodate 137 elderly in need who find a home where to spend the rest of their lives receiving the best care. The Esther Koplowitz Foundation financed the construction and furnishing of this home that was donated to the Barcelona City Council in February 2003. In addition to the accommodations for 137 elderly people, the home also has a day-care unit that can provide services to another 30 people. The



José Montilla, President of the Catalan Government, handing the Blanquerna Award to Esther Koplowitz.

Foundation spent 9.5 million euros in this project.

#### Other Foundation projects

The Esther Koplowitz Foundation has one objective: help those who are most in need. Founded in 1995, the Foundation has donated nearly 100 million euros to date to several projects to help and aid those in need and to support research projects. The Foundation is funded solely by the contributions of its founder and chairman. In addition to building the Esther Koplowitz Biomedical Research Center (CIBEK) in Barcelona, the foundation is currently involved in two other projects; the construction of two homes for the elderly who are physically or mentally disabled. These homes, in Valladolid and Valencia, will require a combined investment of approximately 13.5 million euros.

In 2001, the Foundation donated to the Madrid Autonomous Community a home for the elderly in

need. With 140 beds, the home was worth an investment of 9.9 million euros. The Nuestra Casa Residence, situated in Collado Villalba (Madrid) also has a day-care center accommodating 40 people.

In 2004, the Esther Koplowitz Foundation donated a home for old people who suffer from severe physical and mental disorders. Fitted with the most modern equipment to treat disabilities, the home has 60 beds and room for 40 people in its day-care center. The cost of building, furnishing and fitting out this home totaled 6.75 million euros.

Besides biomedical research, the Foundation is also interested in surgery, as underscored by the acquisition of the Da Vinci Robot that was donated to the Hospital Clínico of Madrid. The robotic system, with motorized arms, is valued at one million euros. It is a pioneer in the application of 3D vision in the field of urological, gynecological, and heart surgery.

### **The Blanquerna Award**

The Blanquerna Award is presented each year by the Catalan Regional Government, through its branch in Madrid; the award recognizes those people or companies that have stood out for their contribution, within their sector, to developing and promoting Catalonia and raising its profile.

## Globalvía wins toll road concession in Portugal

**The Trasmontana toll road, connecting Vila Real and Bragança, to be used by more than 250,000 drivers, is worth an investment of more than 700 million euros.**

Globalvía Infraestructuras, a company owned 50% each by FCC and Caja Madrid, has been awarded the contract by Estradas de Portugal for the Trasmontana IP-4 toll road concession, between Vila Real and Bragança, for 30 years. This project is part of the European axis connecting Oporto with north-east Portugal, and will improve the connection between north-east Portugal and Spain.

Investment will total approximately 706.5 million euros; Globalvía Infraestructuras will obtain revenue in part through a shadow toll and in part via an availability payment mechanism. Globalvía participated in the tender together with Portuguese company Soares da Costa.

The project, which spans 194 kilometers, includes the construction of 32 kilometers of new road, widening on 106 kilometers, and 56 kilometers of already existing highway.

This new highway, which runs parallel to the IP-4's current corridor, is part of the new concession program, consisting of 7 toll road packages totaling 1,500 km of highway and 3 billion euros in new investment, launched by the Portuguese government in 2008. The Auto-Estrada Trasmontana concession is the first to be awarded.

The road is designed for a speed of 120



Above these lines, Globalvía's first motorway in Portugal, between Abrantes and Guarda, stretching over 198 kilometers. The 30-year concession, also under a shadow-toll system, has been in operations since 2005

### **Infrastructure concessions**

Since the first half of 2008, Globalvía and other FCC infrastructure concessions, form a separate business lines instead of being consolidated as part of FCC Construcción, as was formerly the case. Globalvía is consolidated according to the proportional integration method taking into account FCC's 50% stake.

At 30 September, Globalvía's assets included: Túnel de Sóller (56.5%), Autopista Central Gallega (61.4%), Metro Barajas (100%), Madrid 404 (100%), Concesiones de Madrid (100%), Hospital Sureste (66,7%), Concesiones Aeroportuarias (45%), Aucosta (35.7%), Port sur Castellón (30%), Terminal Polivalente de Castellón (78.7%), Nautic Tarragona (25%), Operador Logístico de Graneles (20%), and Marina Port Vell (7.61%).

Other concessions held by FCC will be transferred in the following few months.

km/hour, although, because of the complicated terrain in this region of Portugal, lower speeds have been set for some sections. The junctions of the current IP4 motorway will be adapted and adjusted to the new infrastructure. Altogether, 24 junctions will be re-sized.

Twenty viaducts will be built, including the Corgo viaduct, 2,780 meters-long with a maximum height of 220 meters, south of Vila Real, spanning three national and regional roads, the Corgo railway line, as well as several existing buildings.

The portion of the IP4 corridor to be upgraded includes the section crossing Sierra de Marão, a mountainous region where the road designers will have to deal with steep slopes and a difficult layout in order to reduce the current accident rate.

In the beltways around Vila Real and Bragança, free-flow user tolls will be set up for a total of 14 km. The concession holder will manage toll collection but hand over the proceeds to the authorities who granted the

concession. Seven national and international banks have guaranteed 603 million euros in project financing thanks to the reliability of Globalvía's offer.

#### **Second motorway in Portugal**

This is Globalvía's second motorway in Portugal. The first one is the stretch between Abrantes and Guarda, 195 Km long, with 95 of these relating to an existing road and 103 to a newly-built road. The 30-year shadow toll concession has been in operations since 2005.

In addition to creating value for shareholders, this contract also serves as a reference for the free-flow motorway toll system, a toll system without barriers in which vehicles do not have to stop and pay the toll.

This is the tenth contract awarded to Globalvía since its founding, consolidating its positioning as the fifth infrastructure operator worldwide with 41 concessions throughout Europe and America.

## Success in Asia

At the end of the nineties, ALPINE built two pumping stations for the Yellow River Diversion Project. The company was also in charge of building the 42-Km Ningbo-Shengzhou Expressway in China's east coast. ALPINE is currently engaged in six projects, including production and sports facilities and schools.

# ALPINE builds water supply tunnel in China

FCC, through its Austrian subsidiary, ALPINE, is building an approximately 25 Km-long water supply tunnel in Pinglu, in the Chinese Province of Shanxi, west of Beijing. The project is worth an investment of 47 million euros.

This tunnel is part of the Main North Line of the Yellow River Diversion Project, and it diverts water from the Yellow River to the regions of Pinglu, Shuozhou and Datong, which have very little water of their own. ALPINE has just finished boring 13 kilometers to Daliang cavern, on the first partial section of this project, and will then start to drill the remaining 12 km of this water supply gallery.

Despite the extremely difficult geological conditions, ALPINE has managed to make progress at an average rate of 750 meters a month. Since the job started in mid-2006, it has been necessary to bore through several zones that are highly complicated, geologically speaking, and several coal deposits up to 12 meters thick. To bore the tunnel, ALPINE is using a special tunnel boring machine with a double telescopic shield.

The cavity, with a diameter of 4.8 meters, will be covered with 84,450 pieces of concrete lining, which are being manufactured at the prefabricated-parts factory set up at the worksite that has produced 54,200 pieces to date.

### Technical Team

*Project Manager:*  
Peter Enge

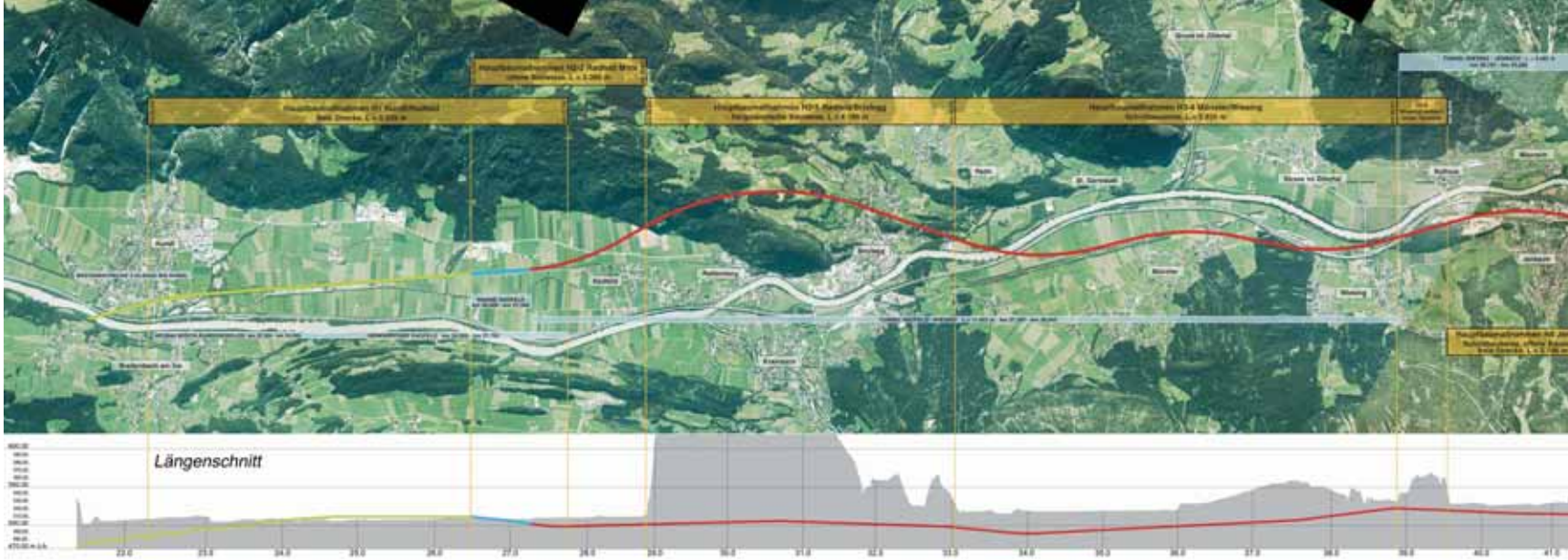
*Project Supervisor:*  
Augustin Pichler

*Engineer:*  
Bobby Robbertze

*Machinist:*  
Josef Glantschnig

*Tunnel Boring Foremen:*  
Alex Simpson/ Hans Jürgen Mick





## FCC lands Austria's biggest railroad engineering contract

ALPINE was awarded the largest railroad engineering equipment contract in Austria for the Brenner base tunnel, a contract worth nearly 260 million euros.

The project comprises a 41-kilometer section, with a total 34 kilometers of double-track tunnels, between Kundl and Radfeld-Baumkirchen. This is the first part of the northern feeder line for the Brenner Base Tunnel and will be part of the Munich-Verona railway corridor built for the high-speed passenger trains and freight transport. The section is designed for a maximum speed of 250 kilometers per hour.

The contract contemplates the construction of the tunnel floor and boundary zones as well as the construction of the fixed trackway with mass/spring systems. It includes ventilation and electrical

installations, safety installations, flood control installations and the enlargement of mechanical services rooms and engineering buildings as well as the construction, operation and the removal of temporary and access control systems at the work site.

Some 290,000 cubic meters of concrete will be placed and nearly 31,000 square meters of noise control measures provided. 170 kilometers of track and 1,200 kilometers of cables and pipes will be installed. In addition, equipment for 42 engineering buildings will be furnished.

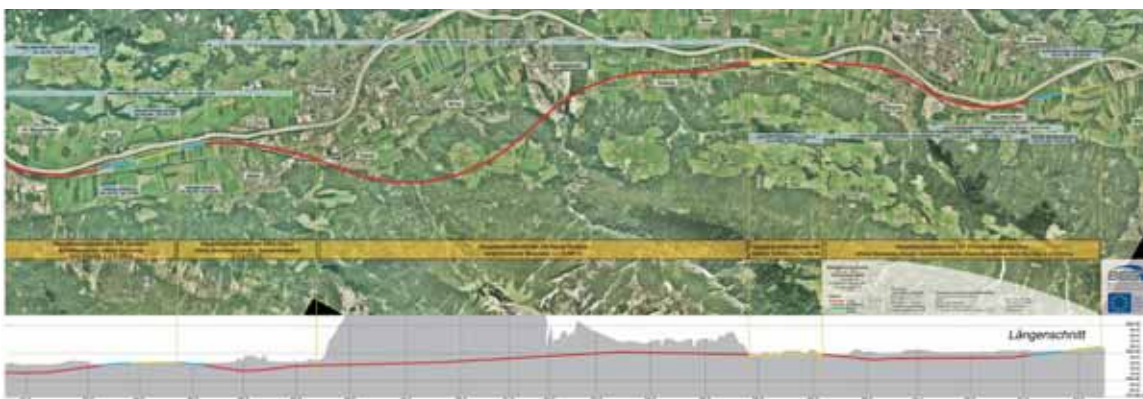
The ALPINE operates on a global scale. It is one of the three leading construction companies in Austria, with turnover in 2007 totaling 2,595 million euros, and nearly 14,300 employees. In 2007, the Group executed contracts worth more than 3 billion euros.



### Tunnel-building experience

ALPINE has built several tunnels, including the Pfänder, Tradenberg and Katschberg tunnels in Austria and, since 2001, has been involved in building the St. Gotthard base tunnel in Switzerland.

ALPINE is also involved in tunnel projects in India, participating in several stretches of the new New Delhi subway line, and an impulsion gallery at the Tapovan hydroelectric plant. Other current projects include: construction of the subway system in Singapore; a water-supply tunnel in China, and, in Bulgaria, the tunnels at various power plants.



The project consists of a 41 kilometer-long stretch between Kundl y Radfeld-Baumkirchen, including 34 kilometers of double-track tunnels.



Magdalena Álvarez, the minister of development, with Ricardo Peralta, the Government Representative in the Valencia Regional Government on her right, and Antonio González Marín, the Chairman of ADIF.

## The Ministry of Development finishes boring the La Cabrera Tunnel, the longest of the Madrid-Valencia railway line

Magdalena Álvarez, the minister of development, accompanied by Antonio González, the chairman of ADIF, and Ricardo Peralta, the Government Representative in the Valencia Regional Government, attended the ceremony marking the completion of the second tube of

**The double-shield tunnel boring machine performed excavation work and also placed the prefabricated segments on the walls of the tunnel**

the La Cabrera Tunnel at the Siete Aguas-Buñol section of the future Madrid-Castile La Mancha-Valencia-Murcia high-speed railway built by FCC Group.

The 7,250 meter tunnel is the longest of the 914 kilometers that make up this high-speed railway line to the eastern coast of Spain. The tunnel consists of two circular 8.75m-diameter tubes excavated in carbonate rock. A double-shield tunnel boring machine made it possible to drill and install the pre-fabricated segments on the tunnel walls at the same time. The boring operations for the left tunnel were completed in April, after which, it was necessary to disassemble the tunnel boring machine in order to start drilling the second tube on the 6 May.

## The President and Minister of Development witness the breakthrough of one of the Pajares tunnels

The tunnels are part of the Pajares Section of the North-Northeast high-speed corridor connecting León and Asturias.

President José Luis Rodríguez Zapatero and Magdalena Álvarez, Minister of Development, attended the ceremony marking the breakthrough of the East tunnel, the first of the two tunnels crossing the Pajares mountain pass, opening an underground pass connecting the Principality of Asturias with the Castile-León plateau. Vicente Álvarez Areces, the president of the Asturias Regional Government, and Juan Vicente Herrera Campo, president of the Castile-León Regional Government, were also present at this event.

Worth an estimated 2,391 million euros, the Pajares Section is 49.7 kilometers long and poses a great engineering challenge because of the geological and morphological diversity of the mountain.



From left to right: Antonio González Marín, Chairman of ADIF; Magdalena Álvarez, the Minister of Development; President José Luis Rodríguez Zapatero; and, Vicente Álvarez Areces, the President of the Principality of Asturias.





Rodríguez Zapatero talks with one of the workers at this project which he described as “extraordinary, a great engineering challenge and a great challenge to the will and capacity of a country. It is the most important public works project currently being carried out in Spain”.

Each of the Pajares Tunnel tubes measures 25 kilometers, making these the sixth longest in Europe, seventh in the world, and second in Spain after the Guadarrama tunnels. The project had to be divided into three stretches because of its complexity: La Robla-Pajares Tunnels, Pajares Tunnels-Pola de Lena.

Breakthrough occurred at the completion of the third sub-section of the base tunnel, the Viadangos-Telledo (Asturias) section, connecting with Lot 1 Pola de Gordón-Folledo (León). The convergence of the three lots completes this tunnel which runs through the mountain.

Construction of the Pajares section will reduce driving distance between León and Oviedo by 33 kilometers, also reducing the time it takes to travel between both capital cities. It will also improve

**The tunnel will be the sixth longest in Europe, seventh in the world, and second in Spain**

safety and comfort thanks to the fencing on both sides of the railway and the elimination of ground-level crossings throughout the line, thereby improving the quality of life of those living in the towns along the train path.

The railway stretch has the same width as the international lines for double-track of high-speed lines, and incorporates a connection with the current León-Gijón line at the exit of the La Robla train station.



Above these lines and on the right, some of the work carried out by FCC in Line 9.

## FCC to enlarge Barcelona's Subway system

The Generalitat de Catalunya, Catalonia's regional government, through the publicly owned company Ifercat, has awarded a 30-year public-works concession contract to FCC in a joint venture with other companies. The contract is for the construction, upkeep, maintenance and operation of miscellaneous infrastructure on section I of line 9 in Barcelona's underground system, for 1,041 million euros. The work that still remains to be done accounts for 630 million euros

**Contract worth 1,041 million euros**

of that total sum. The section includes 13 stations, running from El Prat Airport to Amadeu Torner. The work will consist in completing the stations and handling the architecture and physical plant. Transverse components, such as stairways, escalators, platform doors and turnstiles, are not included in the project.

At present 22.9 of the 47.8 kilometers of line 9 have been built, and 75% of the stations are being built. Line 9 will be fully operational sometime between 2013 and 2014.



### Other work executed in Line 9

- Line 9. The 4T Bon Pastor-Can Zam section. 4,290 meter-long tunnel.
- Line 9. The University District -Sagrera. Mid-section. 8,998 meter-long tunnel.
- Line 9. Sagrera. Access to the Triangle Ferroviari. Infrastructure. 1,884 meter-long tunnel.
- Line 9. Sections 4B, 4C, 4D. Second Phase: Stations: Prat de la Riba, Sarrià, Mandri, Putxet, Lesseps, Muntanya, Sanllehy, Guinardó and Maragall. Nine ventilation wells between stations.
- Line 9. Section 4E. Second phase. Walkway, interior structure, mine tunnel, tunnel installations, superstructure and electrical wiring.
- Line 9. Section 5A. Fira junction. 1,300 meter-long tunnel and the Amadeu Torner Station.
- Line 9. Section 1. Sub-section 6A1. From the terminal, from Pistas to P.K. 4.5. 2,900 meter-long tunnel.
- Line 9. Section 1. Sub-section 6A2. From P.K. 4.5 to Llobregat. 3,400 meter-long tunnel.



## Esperanza Aguirre lays the first stone of the new M-494 motorway in Madrid

**The Madrid Regional Government plans to double the carriageways of the M-404 along 27 kilometers to improve mobility and for the benefit the towns of Serranillos del Valle, Ciempozuelos, Cubas de la Sagra, Torrejón de Velasco, Torrejón de la Calzada, Valdemoro, and Griñón, and its population of 100,000.**

The President of the Madrid Regional Government, Esperanza Aguirre, laid the first stone of the new M-404 motorway, a 27 kilometer long road that will enhance the connections in the southern part of the region.

The new road will connect the M-407 and M-307, connecting the towns of Serranillos del Valle and Ciempozuelos.

“The start of this project underscores the commitment of the Madrid Regional Government to provide our region with the best and most modern infrastructures”, the president of the Madrid region mentioned. She was accompanied by the secretary of Transport and Infrastructures, José Ignacio Echeverría. She also mentioned that, “to maintain the dynamism and strength” of the region, and to ensure that it remains a driving force in Spain, especially in these times of crisis, it was essential to have the widest and best quality road network possible, one of the key objectives of the regional government, “particularly in the southern part of the region given the significant growth in

its population and in the number of vehicles”.

The project contemplates the construction of a 27.3 kilometer, a road with two carriageways in each direction, in addition to 9 intersections connecting to the M-407, M-417, M-419, M-423 and M-307 roads, as well as the A-42 and A-4 and the Torrejón de Velasco and Ciempozuelos urban centers. Thirty-six structures will be built at the various crossings.

### **Improve communications and road safety**

Road safety was the most important consideration in the design of the new road. All connections with other roads will consist of junctions at different levels, the most important of which will connect with the A-42 and the A-4 roads.

In addition, safety will be further reinforced thanks to the control and upkeep center that will control traffic 365 days a year with 20 cameras installed throughout the length of the entire road, as well

as special protective barriers for motorcycle traffic, in accordance with current regulations.

The President also stressed the Regional Government’s concern for the environment, as underscored by the fact that the road surface will be built of recycled tire rubber. “For this project, we will be recycling more than one ton of rubber, equivalent to more than 300,000 car tires”, Aguirre said, highlighting the environmental upgrades, greater road safety, and diminished noise pollution.

Besides improving traffic conditions and communication among the different towns, this project is a clear improvement in safety standards, since the wider roads will make it safer to pass other vehicles, and incorporate major improvements in its layout and signaling. “In short”, Aguirre mentioned, “the new M-404 road will have great capacity and is set to transform communications between the east and west of the Madrid Autonomous Community”.



#### Technical team

##### Manager:

Guillermo Castaño Linares

##### Production managers:

Javier Ruipérez Alonso  
Pedro Martínez Adrados

##### Head of the Technical Office:

Benigno Camañas Selfa

##### Supervisor:

José Luís González Herreros

## L'Assut de l'Or Bridge in Valencia opened for traffic

**The infrastructure, which opens one of the main thoroughfares in Valencia, is situated in the City of Arts and Science complex and links the southern beltway with Menorca Street.**

Francisco Camps, President of the Valencia Regional Government, and Rita Barberá, the Mayor of Valencia, inaugurated, jointly with the architect, Santiago Calatrava, the L'Assut de l'Or Bridge in Arts and Science City in Valencia.

The new bridge, built by FCC, connects the northern and southern part of the city separated by the Turia River. This is the third bridge designed by Santiago Calatrava for his home city. Its light structure and technical elegance are highly aesthetical, creating a harmonious complex fully integrated with the architectural style of this district.

Francisco Camps, President of the Valencia Regional Government, described the project as “exceptional and impressive” reflecting the “aesthetic and practical” nature of the Valencia region, “a good place to live and a job creator”.

Rita Barberá, the city’s mayor, said that it is a landmark that reflects the modern Valencia” and the work of a “universal” native of the city who, in her opinion, was a “prophet in his own land”.

Made of steel and white concrete, the nineteenth bridge across the Turia River, measures 180 meters in length and has a large 123 meter-high inclined mast holding 29 steel cables in the shape of a harp, making it the highest point in the city of Valencia.

The cable-stayed span reaches 150 meters, with width of the surface slab measuring between 35.50 meters on the support on the north side up to 39.20 meters where the mast meets the two separate 10.40 meter-wide carriageways accommodating three lanes of traffic, plus another lane for public transport. The bridge is

**Standing 123 meters tall, it marks the highest point in Valencia.**



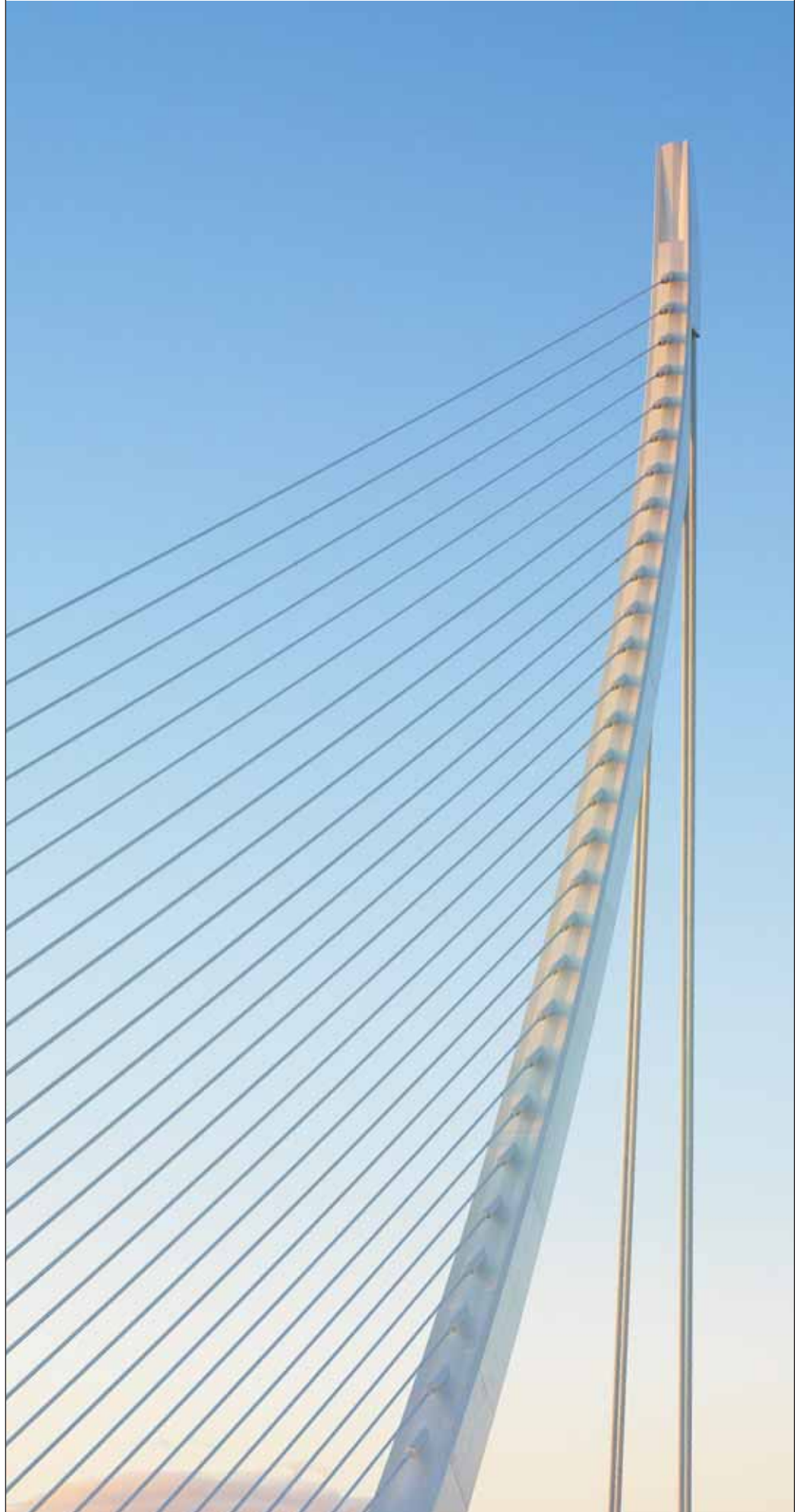
The president of the Generalitat and the mayor of Valencia together with the architect Santiago Calatrava, native of Valencia.



Santiago Calatrava talks with the José Mayor, Chairman of FCC Construcción.

designed to support up to 5,500 tons and will absorb the traffic of 70,000 vehicles per day. It has a raised central zone for pedestrians, protected by banisters and rails, with the sidewalk measuring 3.80 meters to 7.40 meters. The separations between the public transport lane, the pedestrian lane, and the exterior edge of the slab have steel reinforcement.

Traffic lanes were covered with hot asphalt while the main pedestrian walkway is paved with granite. In order not to interfere with the overall vision of the City of Arts and Sciences, no lampposts were installed. Instead, light fixtures were placed at specific points throughout the surface of the bridge, on the rails and banisters, and especially on the pylon where light fixtures were installed under the cables to highlight the shaft, the crown, and stayed cables.



The bridge is 180 meters long and has a 123 meter high inclined mast supporting 29 steel cables stretched out in the shape of a harp.





The facilities are situated at the foot of a hill crowned by a medieval castle.

## FCC built the new Protos winery in Valladolid

Bodegas Protos has a new and modern building, designed by the architect Richard Rogers, in Peñafiel (Valladolid), at the foot of the town's landmark castle.

The triangle-shaped winery, built by FCC on a 10,000 m<sup>2</sup> plot of land, is connected by a tunnel to the older wine cellars built under the fortress.

The 20,000 m<sup>2</sup> building is divided into four levels. The lower level houses an underground wine cellar that enjoys a constant temperature of between 14° and 16° C, and used for the storage of wine barrels and bottles for the aging process as well as for the finished product.

The processing plant, housing the fermentation and storage deposits, are housed on the next floor which is partially underground. It also contains the bottling plant, packaging machines, several technical areas, and an entrance for vehicles.

Both the processing plant and the wine cellar have space for administrative offices and facilities for social affairs, as well as other offices, wine-tasting rooms, areas for social functions, and a small auditorium

accommodating 400 people for presentations and other types of events, situated next to a semi-buried garden which provides natural light and affords views of the castle.

The level with the main entrance will be used by employees and visitors. It has a ramp for tractors carrying grapes, and also areas where visitors can observe the wine-making process.

The structure consists of five parabolic interconnected vaults, supported by large arches made of laminated wood covered with large pieces of terracotta that blend in with the surrounding buildings.

The temperature to keep the wine takes advantage of the thermal inertia of the subsoil. The southern façade is protected by eaves which protect against direct sunlight. Underground water contributes maintaining stable temperatures and a combined ventilation system enables the circulation of air from outside for cooling purposes, saving energy on summer evenings and during the entire day in the spring and autumn.

### Technical Team

*Department Manager:*  
Javier Courel

*Project Manager:*  
Eduardo Bugallo

*Supervisors:*  
Carlos Álvarez/Javier Castro

*Head of Production:*  
Ana Sancho

*Installation Technician:*  
Iñigo Gallego

*Head of Administration:*  
Carmen Ollero

*Draftsman:*  
Antonio Carmona

# Generalitat Valenciana introduces guided buses in Castellón

Francisco Camps, President of the Generalitat Valenciana (Valencia Regional Government), inaugurated the first phase of the Network of Platforms Reserved for Public Transport in Castellón, consisting of the first stretch between the Jaime I University and Morella Boulevard. He was accompanied during the event by the regional secretary of Infrastructures and Transport, Mario Flores, and the mayor of Castellón, Alberto Fabra, among other authorities.



The two-kilometer long inaugurated route will provide services to 8,000 passengers, implying nearly 500,000 rides per year. This platform network is part of the project for the metropolitan area of Castellón, consisting a nearly 20 kilometer-

long and 8-kilometer wide corridor parallel to the shoreline. Incorporating the latest in electric traction for buses and equipped with an optical guiding system, these buses do not generate any emissions and produce very little noise

# The new Sant Carles de la Ràpita, Tarragona, sports marina

FCC was in charge of building the Sant Carles de la Ràpita Marina in a protected bay; a perfect spot for practicing all types of water sports. The total surface is 228,000 m<sup>2</sup>, of which, 180,000 is the water mirror and 48,000 are situated inland.

The new marina was built taking advantage of the space between the city's harbor and the Moll dels Alfacs, a dock that was built in the eighties.



The dock is divided into two zones forming an interior peninsula where the buildings are situated and from which two different types of jetties branch out: the floating ones corresponding to the interior part of the dock consisting of an aluminum structure, lined with wood and light-weight concrete floaters; and the fixed jetties, which form part of the exterior dock, made of post-tensed concrete slabs supported by porticos built

at the base with metal piles anchored with reinforced concrete.

The berths will accommodate a total of 1,110 ships between 8 and 30 meters long. In the first phase, 843 berths were built, although there is room for another 267 berths to be built in the future.

## **FCC railway projects win Association of Civil Engineers prize**

The Madrid chapter of the Association of Civil Engineers awarded its annual prize to two projects executed by FCC: the enlargement of Madrid's Line 3 subway line, and the Guadarrama tunnels for the north and north-east Spain high-speed railway lines.

With regards to the first project, the Association highlighted the work of Avelino Acero, Ricardo Gil Edo and Joaquín Arroyo, and in relation to the second project, the work of Joaquín Roura.



Above, the Guadarrama Tunnel and, above these lines, the platform at Line 3 of the Madrid subway system.

# SERVICES





# FCC wins Barcelona's largest-ever cleaning and waste management contract

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FCC has been providing services in Barcelona since 1915 after winning successive contracts put out to tender by the City Council since then. This new contract, in force until 2017, is the largest-ever awarded by the local authorities.

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Barcelona City Government has awarded FCC a 797.48 million euros contract for waste collection and street cleaning in the city centre.

The contract, which is the largest ever signed by Barcelona City Government, will run until 2017. FCC is a specialist and leading player in such activities as street cleaning and municipal solid waste collection; it has been serving Barcelona since 1915, where it has continuously won contracts by public tender since that year.

The new contract involves replacing the fleet of waste collection and street cleaning vehicles; additionally, all the

**The contract  
is worth 797.48 million  
euros**

waste containers will be replaced with new, lower containers which are accessible to all and are specially marked for use by blind people.

Selective collection of organic waste, paper, glass and packaging waste will be expanded, and there will now be a triple collection point for every 500 people (currently one for every 700); streets will be cleaned more frequently, and cleaning will be adapted to the type of street (commercial, pedestrian or residential); public spaces will receive comprehensive cleaning, including emptying and maintenance of litter bins and cleaning of green areas; the urgent action units will also be reinforced.

The vehicles will be adapted to the city; they will be designed for greater carrying capacity and waste collection performance without sacrificing ease of handling, while





The fleet of waste collection and street cleaning vehicles will be replaced. All containers will be replaced, making them easily accessible to everyone.

minimizing cost, fuel consumption and noise and pollutant emissions, in line with the concept of clean technology. Depending on needs, vehicles will be

powered by ecological fuels (LNG, electricity and biodiesel) and equipped with leading-edge technology in terms of quality and safety.

### **Most salient aspects**

#### **Reinforced cleaning service**

The average frequency of street cleaning services will increase from 5 to 6 times a week, also reinforcing the urgent action unit.

#### **Environmental upgrades**

Environmental upgrades will be implemented, such as mitigating noise, reducing vehicle-generated pollution thanks to the use of sustainable fuel, and reducing water consumption.

#### **Easily-accessible containers**

The same container can be used by the elderly with reduced mobility, the blind, etc. This will be made possible thanks to ergonomic aspects such as reducing the height of the containers, incorporating pedals, as well as Braille signs for the visually impaired.

#### **Boosting collection**

The collection of organic waste will be extended throughout the entire city of Barcelona. The number of containers for the collection of paper, glass, and packaging material will be increased. The shape of containers for the different types of recyclable waste will be the same in each district, with different-colored lids to facilitate selective waste collection: green for glass; blue for paper; yellow for containers; brown for organic waste, and grey for non-recyclable material.

#### **Awareness-building campaign**

The local authorities will carry out awareness-building campaigns to inform citizens on the importance of increasing selective waste collection, correct inappropriate habits, and, most importantly, show how to differentiate organic waste.

## Innovative solutions

FCC will extend the use of side-loading trucks and will provide innovative solutions in the old city so as to coordinate cleaning and waste collection in areas where waste is collected manually. It will introduce sweeper-washers and electrically-powered cleaning, maintenance and waste collection machinery.

FCC uses an ecological architecture approach to permanent installations so as to reduce water and energy consumption. It will replace oil-fired boilers with natural gas-fired boilers and increase the use of solar energy in

**Contract  
will be in force until  
2017**

order to reduce energy consumption by 60%; it will install presence detectors and long-life bulbs, and implement energy audits. The new contract also envisages total mechanization of the street washing process, with the commitment to attain a 71% saving on water with respect to manual washing.

Among its many advantages, a new system will be implemented to detect incidents and measure response times, including immediate actions, and it will provide maximum flexibility and work times; there will also be a quality management system to achieve continuous improvement based on an inspection and follow-up plan.

As regards on-the-job safety, the new system will incorporate the necessary mechanisms for preventing accidents, and will feature all types of personal safety equipment and signaling. It will establish a technical department and a safety plan adapted to all tasks involving waste collection and street cleaning services.



# FCC to manage the integrated waste Management plant that it built in Valencia

The facilities, with a 198,000 ton/year capacity and generating 11,550,746 Mw/hour, will provide services to 52 towns in the Marina Alta and Marina Baja regions. This contract represents a backlog of 217 million euros.

José Ramón García Antón, Secretary of the Environment, Water, Urban Development, and Housing of the Valencia Regional Government, at the inauguration of the waste treatment plant.

FCC built the Integrated Municipal Solid Waste Treatment Plant as part of the Zone VI Waste Plan of the Valencia Regional Government. Situated in Las Cañadas at El Campello (Alicante), the plant was inaugurated on 24 November by José Ramón García Antón, Secretary of the Environment, Water, Urban Development, and Housing of the Regional Government of Valencia. The project was worth an investment of 47.6 million euros.

The plant, which FCC will operate for 20 years, was inaugurated this morning; the contract includes management of municipal, garden and bulky waste, as well as the network of public recycling centers within the Plan's catchment area. This contract represents a backlog of 217 million euros.

The facility, which has been granted an Integrated Environmental Authorization (IEA), is situated in 34,000 m<sup>2</sup> plot of land, with 20,000 m<sup>2</sup> of built space for the treatment, recycling, and elimination of waste.

## 198,000-tons waste treatment capacity

The plant will meet the needs envisaged in the Valencia region Zone XV Waste Plan, which includes Areas 23 (Marina Alta) and 24 (Marina Baja), and El Campello (Alicante), serving 52 municipalities. It has the capacity to treat 198,000 ton/year and to generate 11,550,746 kWh/year.

The complex comprises a sorting and recovery plant; a biomethanization plant for select organic material; and a plant to compost the digestate from the biomethanization plant mixed with garden waste, plus peaks of organic waste reaching the facility. In addition, FCC built a controlled high-density landfill for non-hazardous waste; storm drains; access roads; a high-voltage power line; auscultation and environmental control facilities; ancillary facilities; and the network of 52 public recycling sites throughout the area.

## Present in over 5,000 municipalities

The current leader in this industry, FCC first began working in urban sanitation in 1915 with a waste collection contract in Barcelona. Other urban sanitation contracts in Spain followed and, at the end of 1980, it began its international diversification drive. FCC operates in over 5,000 municipalities in Europe, Africa and Latin America.

In Spain alone, it provides services to more than 26 million people, and operates in





The facility, awarded the Integrated Environmental Authorization, will carry out waste treatment, recycling and elimination activities at the complex, situated in a 34,000 m<sup>2</sup> plot of land with 20,000 m<sup>2</sup> of built space.

## Worth a total investment of 47.6 million euros

many provincial capitals such as Albacete, Alicante, Ávila, Barcelona, Bilbao, Castellón, Ceuta, Cuenca, Gerona, Jaén, Las Palmas, Madrid, Málaga, Melilla, Oviedo, Pamplona, Salamanca, San Sebastián, Segovia, Tarragona, Valencia, Valladolid and Vitoria.

The company currently handles 8.8 million tons

per year of household, commercial and industrial waste and operates reception, recycling, and waste treatment plants, including a network of waste transfer and recycling stations, as well as a nationwide network of landfill sites.

In Spain, FCC has the following facilities: 43 landfill sites; 37 transfer stations; two power generation plants running on recycled waste; 28 compost plants; 17 plants for sorting various types of containers, seven of which are independent and 10 combining other waste treatment processes; 68 waste collection sites, and other industrial waste recycling and treatment facilities.



Rotherham.



Barnsley.



Doncaster.

## FCC wins new waste recycling contract in the United Kingdom

**Will manage 14 recycling plants in Barnsley, Doncaster and Rotherham in the borough of South Yorkshire**

FCC, through its UK subsidiary Waste Recycling Group (WRG), has been awarded a 7-year contract to manage household waste recycling plants (HWRCs) in the boroughs of Barnsley, Doncaster and Rotherham, in South Yorkshire. The contract, which is worth 49 million euros, involves managing 14 household waste recycling plants across the three boroughs which received a combined 86,000 tons of waste a year.

### For the past 18 years

This contract will enable FCC to strengthen its presence in Yorkshire and to provide a tailored service based on its extensive experience and knowledge in the area of recycling plant management.

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 services.

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

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: 185 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.

# FCC to build and manage until 2025 a desalination plant in Adeje, Tenerife

**The new desalination plant to be built in La Caleta, will boast cutting-edge technology in environmental preservation, and is worth an investment of 19 million euros.**

Aqualia, through its subsidiary Entemanser, will build and manage until the year 2025 the La Caleta desalination plant in Adeje (Tenerife). The contract represents a backlog of 32 million euros.

On 14 November, José Miguel Rodríguez, mayor of Adeje, the councilor of Services in the City Council, Gonzalo Delgado, and the Director of Aqualia's Center Zone, Felix Parra, presided over the stone-laying event at the desalination plant. The city's mayor said that the plant "will guarantee not only water supply, but also quality, and will support future growth of this municipality". He also mentioned the need to create a water-culture infrastructure as a focal point.

The plant, which will boast cutting-edge technology in environmental preservation, is budgeted at a cost of 19 million euros. The project contemplates an energy recovery system based on isobaric chambers that will make it possible to recover 45% of consumed energy, making the plant the first of its kind in terms of size and technology in Tenerife. It will also feature an infiltration-based brine emission system to minimize the impact on flora and fauna on the La Caleta coast.

Producing 10,000 m<sup>3</sup> of desalinated water, the plant's output capacity could be increased in the future to 15,000 m<sup>3</sup> by capturing sea water in a series of wells on the beach. These facilities cover 40% of current water demand in Adeje, considerably improving the quality of water for households and for irrigation purposes.

The project also contemplates the construction of the plant itself, water impulsion and storage systems, as well as the adaptation of 27 deposits to the regulations

contemplated in Royal Decree 140 until the year 2011.

Adeje is the leading tourist destination in Tenerife, with 7 million cubic meters of annual water sold, corresponding to a population equivalent to 250,000 inhabitants.

Since 1991, when concession in Tegueste was awarded, the company has branched out into other towns, including Arafo, Candelaria, Güímar, Puerto de la Cruz, Granadilla, Santiago del Teide, Guía de Isora, San Miguel de Abona, and the Radazul and Golf del Sur urban developments. In the island, the company manages the Orotava Valley wastewater treatment plant which has a capacity of 15,000 m<sup>3</sup>/day, and has built the Adeje-Arona sea water desalination plant, with 20,000 m<sup>3</sup>/day production capacity, which started operations in 2002.



Above these lines, the mayor of Adeje lays the first stone at the desalination plant.

In the photograph: José Miguel Rodríguez, Mayor of Adeje, speaking before the audience; on his left, Felix Parra, Director of Aqualia's Center Zone; Miguel Galindo, Chairman of Entemanser; Gonzalo Delgado, Councilor of Services of the City Council; Agustín Sanabria, Adeje's parish priest; and Isidoro Meneses, the Chief of Protocol at the City Council.





The objective of the Cuenca Baja de Arroyo Culebro treatment plant is to expand and improve wastewater treatment processes in the southern part of the Madrid autonomous community.

## Aqualia to manage the Arroyo Culebro wastewater treatment plant

Canal de Isabel II awarded Aqualia a contract for managing the wastewater treatment plant in Cuenca Media de Arroyo Culebro, at Leganés (Madrid).

Built by Aqualia Infraestructuras, the plant started operations in 2006. It has a treatment capacity of 129.600 m<sup>3</sup>/day and will provide services to 2 million people in Leganés, Fuenlabrada, Sector III in Getafe, Humanes, and Parla.

Aqualia will optimize the performance of

various processes and unit systems at the facilities and will be responsible for its maintenance. Sludge undergoes an anaerobic digestion process and the gas produced is used as energy to run the facilities, thereby saving energy and contributing to the sustainable development of the surrounding areas.

Aqualia currently manages 243 wastewater treatment plants throughout the world and handles 431,943,480 m<sup>3</sup> of treated water per year.



## FCC participates in Aqua'08

FCC, through its subsidiary, Aqualia, participated in the fifth Water Management Conference (Aqua 2008) held in Valencia. The central themes of this conference were sustainable management and quality of water resources.

Francisco Camps, the president of the Valencia Autonomous Government, accompanied by Rita Barberá, the mayor of Valencia, and José Ramón García Antón, Councilor for the Environment, Water, Urban Development, and Housing, were in charge of organizing this event that was attended by several experts from public administrations, companies, sector associations, and research centers.

Organized every year, this is a key event for economic and social agents involved in water management, as well as public administrations responsible for administering this resource, in relation to good practices, the instruments and resources for public and private water management, and for financing of infrastructures and services within the guidelines defined by the EU on quality of

resources and sustainable management.

Under the theme "Water Management in Urban Centers within the Water Framework Directive (DMA), Félix Parra Mediavilla, Director of the Center Zone, gave the opening speech. Manuel Calatayud, Director of the Levante Office, gave a speech entitled "The Framework Water Directive and its impact on water management in municipalities".

He also acted as the moderator of the round-table discussion on "Technological Requirements and Alternative Resources for Urban Water Management", in which the other participants included Enrique Cabrera Marcel, Director of the Technological Water Institute of the Politécnica University of Valencia, and José Juan Morenilla Martínez, the manager of the Public Entity for the Treatment of Wastewater in the Valencia Autonomous Community.

The seminar also included another round-table discussion on "The Renovation of Water Infrastructures in municipalities and their financing, tariff policies, and management of demand".





From left to right: Pedro del Campo, Aqualia Director of Studies, Works, and Projects in Central and Eastern Europe; Sara Alcaide, Secretary of the Economic and Commercial Section of the Spanish Embassy in the Czech Republic; Francisco Jiménez, Aqualia Director of Central and Eastern Europe; Arturo Laclaustra, the Spanish Ambassador to the Czech Republic; Miroslav Kyncl, General Manager of SmVaK; and Pedro Miñarro, head of Aqualia at SmVaK, at the company's headquarters in Ostrava.

## The new Spanish ambassador to the Czech Republic visits FCC's headquarters in Ostrava

The new ambassador of Spain to the Czech Republic made his first official visit to facilities of the FCC subsidiary, SmVaK in Ostrava.

Ambassador Arturo Laclaustra was accompanied by Sara Alcaide, Secretary of the Economic and Commercial Section of the Spanish embassy in this Central European country. They were received at their arrival by Francisco Jiménez, Aqualia's Director for Central and Eastern Europe, and by the Director of SmVaK, Miroslav Kyncl.

During his visit, the ambassador was able to get an in-depth idea of the company's activities. He showed an interest in learning about the forthcoming collaboration projects between Spain and the Czech Republic.

The meeting went very smoothly and reflected the good relations that exist between Aqualia and the embassy since the company first started to operate in this country in 2006. At the end of the meetings, the ambassador was given a tour of the SmVaK installations in the city of Podhradí.

## Aqualia participates in the Watertech Conference in Dubai

The leading companies in the industry were present at the 2008 Watertech Conference held in Dubai (United Arab Emirates). The aim of this technical conference is to provide an overall vision of situation in the Middle East and to search for possible solutions.

Aqualia's involvement in this event included an exhibit comprising of several technical presentations and the organization of a workshop in which the company described its vision on the current situation in the region's water sector and the possible solutions. In his speech entitled "Advanced Water Management Techniques", he offered an overview, providing information on the public-private collaboration projects, the PROAQUA Plan, client

management, and marketing and communication in water companies. The seminar also included an area for exhibitors in which Aqualia set up an information stand.

The company organized a private reception at one of the city's hotels. The guests at this event included the Spanish Ambassador to the United Arab Emirates, Manuel Piñero, representatives of several administrations, as well as technicians from different countries. Aqualia was represented by a delegation

headed by Miguel Jurado, Deputy General Manager for Development and International Affairs.

### Offices in Dubai

The FCC specialist in end-to-end water management has opened a commercial office in Dubai that will serve as a platform for the company's international expansion in this region. Aqualia's participation in these types of conferences underscores its commitment to its international projection. The Middle East is a region of great interest thanks to the many opportunities arising for companies in this sector. Investments in this region are expected to reach more than 40 billion euros over the next fifteen years.





## Flightcare inaugurates new facilities at Barajas Airport

On 14 November, the FCC subsidiary specializing in airport handling, Flightcare, officially unveiled its new facilities at the Madrid-Barajas Airport. Ignacio Garrido, General Manager of Flightcare, in his presentation, mentioned that “thanks to the expansion of the air cargo handling facilities, Flightcare takes a step forward in the consolidation of the company at Madrid’s airport, making it the independent handling operator with the best and largest facilities”.

Flightcare’s air cargo storage area in Madrid is practically twice as large, increasing from 5,000 to 9,500 m<sup>2</sup>. The area will be able to absorb heavier merchandise traffic at this airport in the future.

Flightcare currently provides services to the leading airline companies, including Air France, KLM, Lufthansa, Swiss, Alitalia, Avianca, Aeromexico, and Qatar Airways.



## FCC handles the transport of horses at Valencia’s Airport

Flightcare provides cargo and ramp services to the Kuwaiti Armed Forces at Valencia’s airport. The Kuwaiti army purchased young Spanish thoroughbred horses to train them for military use. Hercules C130 aircraft was used to transport nine horses on each flight, accompanied by a team of military veterinarians.

to the cargo area at Manises Airport in Valencia. Once the truck reached the cargo platform, the delicate handling operations consisted of placing specially designed containers in front of the platform in order to transfer the horses to the aircraft. This was carried out in this fashion to prevent the horses from having contact with the outside so that they would not become restless. The containers were then transferred and placed inside the Hercules C130 aircraft.

The horses from Teruel were transferred by land



## Srilankan Airlines, a new Flightcare client at Roma’s Fiumicino Airport

Since December, Flightcare has been providing ramp and passenger services to Srilankan Airlines at Rome’s Fiumicino Airport.

six transit flights a week from Sri Lanka to Paris via Rome. Srilankan Airlines joins other Flightcare Italia clients at Fiumicino Airport, where long-haul companies have a specific weighting in the company’s portfolio.

The airline has A330 and A340-300 aircraft and

## Flightcare in charge of handling material and equipment for the GP Grand Prix motorcycle race in Cheste, Valencia

The Motorcycle Grand Prix took place on the 24, 25, and 26 of October at the Cheste circuit in Valencia. Flightcare was responsible for providing handling services to the aircraft that transported the equipment of the participating teams. Since the previous race had taken place in Malaysia, three Boeing 747 (Jumbo) aircraft were used to carry the cargo weighting approximately 300,000 kilograms.

The companies in charge of transport were

Singapore Airlines, Malaysia Airline System and Atlas Air. The flights arrived at Manises Airport (Valencia) at a six-hour interval. The material had to be loaded directly into trailer type trucks which transported the material to the race circuit.

Thanks to the experience of Flightcare personnel in these types of event, no problems were encountered and the last race of the season went ahead as scheduled.



## Zaragoza has a new urban Vehicle Technical Inspection (ITV) station

FCC, through Aragonesas de Servicios ITV, has opened a new ITV station in the city of Zaragoza. Inaugurated on 26 December by Arturo Aliaga, Secretary of Industry, Trade, and Tourism of the Aragon Regional Government, the new ITV at the El Pilar Industrial Park, is 489 square meters large and has an inspection area plus other space for archives and offices.

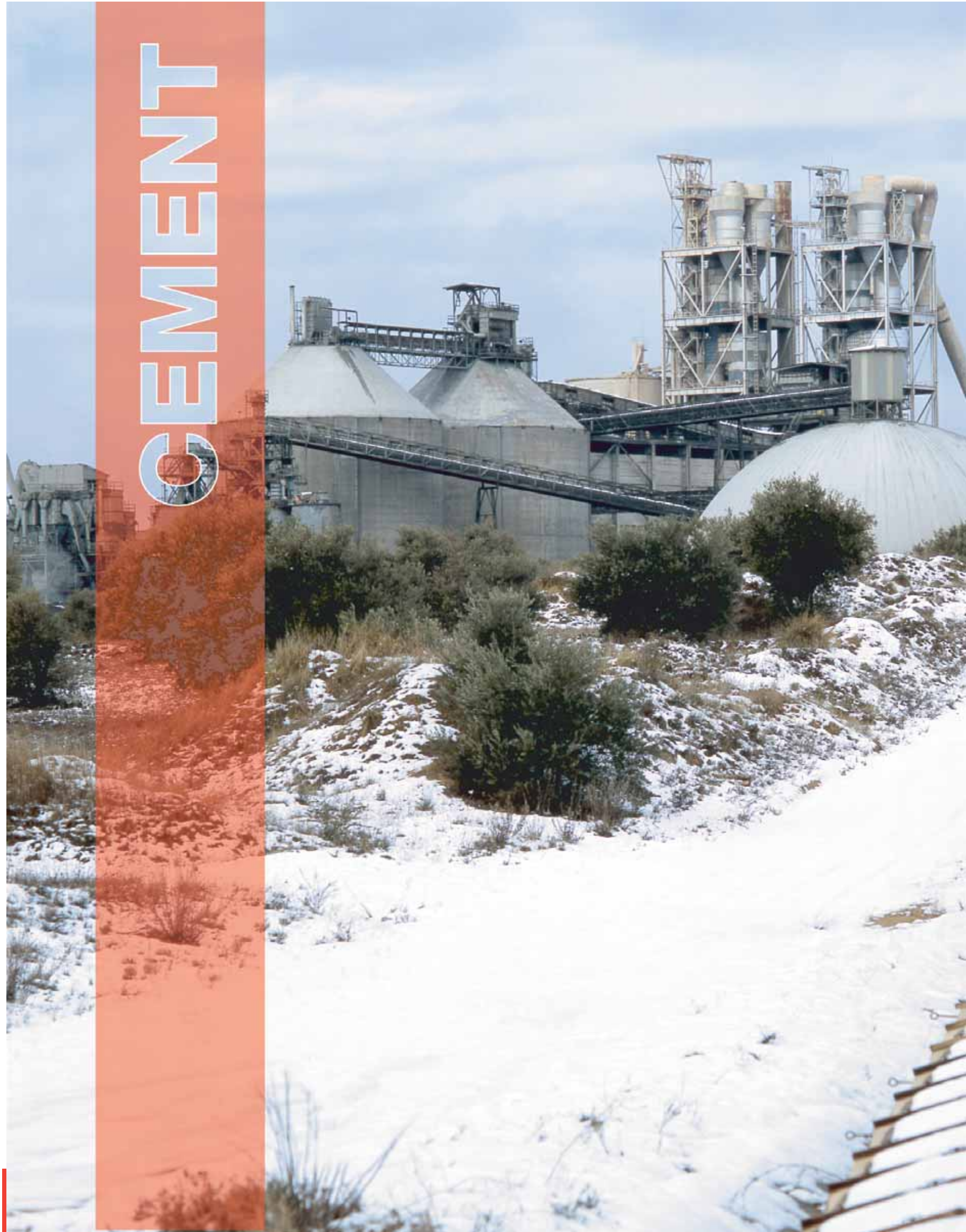
The station features all the machinery required for periodic inspections of 2-wheel (cyclomotors and motorcycles), four-wheel vehicles, quads, and other special vehicles weighting less than 3.5 tons (such as those used in street-cleaning services). It also checks taxi meters. The facilities are equipped to measure several parameters, including the speed of mopeds, their noise and pollutant emissions, and the capacity of their brake systems.


In Aragón, Aragonesa de Servicios ITV also manages the ITV stations in Utebo, Calatayud, Quinto and Cariñena in Zaragoza and the ones in Alcañiz, Andorra, Calamocha, Calaceite and Montalbán, in Teruel. It also has two mobile units used for the inspection of farm vehicles. The purpose of the



Technical Vehicle Inspections is ensure that the vehicle's overall condition and its safety elements are adequate and that these vehicles can be driven safely without jeopardizing the occupants, other users on the public thoroughfares, or harm the environment.

# CEMENT





## **Cementos Portland Valderrivas and Fundación Adecco sign agreement for the integration of the disabled**

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**The agreement contemplates the goal of the Cementos Portland Valderrivas Group of incorporating people, through the Adecco Foundation, who have disabilities in its workforce to cover job vacancies.**

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The Cementos Portland Valderrivas Group has signed a cooperation agreement with the Fundación Adecco to implement social and employment integration programs for people with disabilities. The initial duration is one year, which can be extended for another three years, notwithstanding the successive extensions that could be agreed in the future.

Dieter Kiefer, Chairman and CEO of the Cementos Portland Valderrivas Group, and the Chairman of the Fundación Adecco, Emilio Zurutuza Reigosa signed the agreement.

**Training sessions to facilitate entry in the work force and other leisure and sports activities to foster their social integration**

The main goal of the agreement is to enable Cementos Portland Valderrivas to hire people with disabilities, through Fundación Adecco. The foundation will provide training to the future employees to prepare them for the job, and will monitor their progress in the early months to ensure that the integration runs smoothly.

Among the measures to be carried out in the short term and as a fundamental component of Cementos Portland Valderrivas's social responsibility policy, the Group will implement the Familia plan for disabled family members of the



Dieter Kiefer, Chairman and CEO of the Cementos Portland Valderrivas Group, and the Chairman of the Fundación Adecco, Emilio Zurutuza Reigosa signed the agreement.

cement group's employees. The Familia plan seeks to provide beneficiaries with sufficient personal autonomy and the necessary resources to enable them to

actively seek employment by providing training to facilitate their entry in the work force as well as leisure and sport activities to foster their social integration.

### **The largest Spanish cement group**

Cementos Portland Valderrivas is the largest Spanish cement group.

The company operates in Spain, the US, the UK, Argentina, Uruguay and Tunisia. It has direct and indirect stakes in production plants strategically located in Cantabria, the Basque Country, Navarra, La Rioja, Castile-León, Castile-La Mancha, Madrid, Aragón, Extremadura, Andalusia, Catalonia and the Balearic Islands. The group has 15 cement factories, 157 concrete plants, 61 gravel

quarries, 19 dry mortar plants, 13 port terminals and 9 land terminals. The company applies the most advanced technologies in all production processes with a view to optimizing finances, safeguarding the environment and improving work conditions. Its annual production capacity is:

- 18.8 million tons of cement.
- 16.5 million tons of aggregate.
- 8.6 million cubic meters of concrete.
- 3 million tons of mortar.

# Dieter Kiefer, new chairman of Cementos Portland Valderrivas

The Board of Directors of Cementos Portland Valderrivas has appointed Dieter Keifer as its Chairman; he succeeds José Ignacio Martínez-Ynzenga, who will remain on the Board.

The new chairman will continue as CEO of FCC Group's cement company, a position which he has held since June 2008.

Swiss-born Dieter Kiefer graduated from

and CEO of UBS Luxembourg.

He was also Managing Director of Global Trade Finance, Managing Director of the Global Financial Institutions Group, and Regional Manager, Western Hemisphere (North and South America). From 2007, he was a member of the Management Committee of the UBS Group, and Head of the Large Accounts Area for Western Europe, Africa and the Middle East.

He has had a lengthy career in the international financial sector, and was head of the SBC Corporate Banking department in New York, and representative of UBS in Brazil, Mexico and Venezuela.

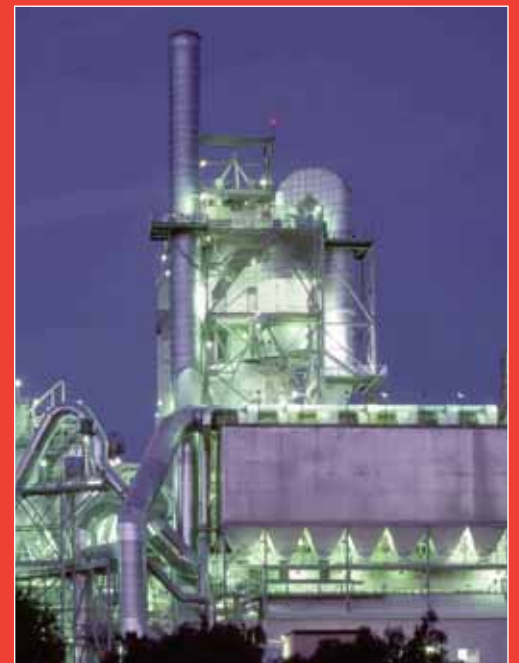
José Ignacio Martínez-Ynzenga holds a degree in Physics, and has been at Cementos Portland Valderrivas for more than 35 years. He has held very senior positions, including 10 years as Technical General Manager. He was appointed Managing Director in October 2002, and Chairman in February 2006.



Swiss-born Dieter Kiefer graduated from Insead (Advanced Management Program) and holds an MBA from the University of St. Gallen (Switzerland).

**José Ignacio Martínez-Ynzenga remains in the Board of Directors**

Insead (Advanced Management Program) and holds an MBA from the University of St. Gallen (Switzerland). He has held a range of positions of responsibility in the UBS Group, including: Regional Manager for Western Europe in the area of Wealth Management,



# SOCIAL RESPONSIBILITY



water is not alone  
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GALIDA



## FCC and CONAMA in favor of sustainable water development

The ninth edition of the National Congress for the Environment was held in Madrid under the slogan “The challenge is to act”. FCC, which sponsored the event, organized a dynamic exhibit entitled “Water is not alone”.

Elena Espinosa, Minister of the Environment, Rural and Marine Resources, inaugurated the ninth edition of the National Congress for the Environment (CONAMA 9) held from 1 to 5 December at the Municipal Congress Palace in Madrid, under the slogan “The challenge is to act”. In her speech, the minister asked political representatives and public entities to be “aware” and “actively” involved in sponsoring laws and policies that facilitate the community’s participation and co-responsibility with regards to the environment. “We are under the obligation of replacing conservation development policies designed from the sector standpoint to others with a more comprehensive scope”, she said. She mentioned that “it was necessary for the business community and consumers to be accomplices, collaborators, and to form alliances in order to change production processes and consumer models to bring these into alignment with ecological and sustainability standards”.

### Dynamic Hall: “Water is not alone”, organized by FCC

Other speakers at the opening ceremony included the Secretary of the Environment, Housing, and Territorial Organization of the Madrid Autonomous Community, Isabel Mariño, who mentioned it was necessary to make compatible aspects such as transport, the economy, urban development, and education with the preservation and care of natural resources. Ana Botella, Deputy Mayor of Madrid, also spoke and insisted that “progress and quality of life are not possible without taking into account the environment”.

Gonzalo Echagüe, Chairman of the Congress and of the CONAMA Foundation, said that “this is the ninth edition of CONAMA and we have already left behind the analysis and study phases and have entered a phase in which the priority is to take action”. “Time”, he added, “was essential; we have to start taking actions and among these, we must promote education, awareness-building,

# El reto es actuar

www.conama9.org



From left to right: Anna Bolaños, Director of Corporate Responsibility at Agbar; Germán Granda, Managing Director of Forética; Marta Roca, representing the Catalan Economists' Association; Javier Lopez-Galiacho, FCC Director of Corporate Social Responsibility; and, Josep M. Salas, From the Catalan Economists' Association.



communication, and participation. Encompassing all opinions and environment related issues, CONAMA is the appropriate forum in which to fire the starting shot”.

FCC set up the dynamic hall, “Water is not

alone” at this event. Water resources and sustainable management was the central theme of the debate in which Manuel Marín González, former Chairman of the Spanish Congress, acted as the moderator. Baldomero Falcones Jaquotot, Chairman of FCC, gave the opening speech with an introduction on water, the commitment of the FCC Group with sustainability and its contribution to better and more efficient management of natural resources. He gave the floor afterwards to Fernando Moreno, General Manager of Aqualia, who inaugurated the dynamic hall with the participation of the following personalities: Roque Gistau, Chairman of the Expo 2008 State Entity; José María Roncero Garrido, Chairman of the Spanish Consumers' Union; Manuel Sagastume Ruiz, Dean of the Basque-Navarre School of Architecture; and, Marcos Vaquer Caballería, Chairman of SEPES, Deputy-Secretary of Housing. Fernando Moreno, in his speech, stated that “Aqualia maintained its firm commitment to



Fernando Moreno, General Manager of Aqualia, at the Dynamic Hall.

continue promoting social, economic, and environmental development in the communities where it operates through transparent and sustainable management of water resources".

FCC also participated, through its subsidiary Aqualia, specialist in end-to-end water management, in the

following working groups: "Corporate Social Responsibility Trends in Spain" and "Water Consumption Savings Campaigns: lessons learned": The company was a special sponsor and set up a stand where it offered information on environmental projects, activities, and measures implemented by the company.

### ***Sustainable Development Summit***

Founded in 1992, the National Environment Congress aims to serve as a forum for debates on environmental issues affecting the plant. Experts on various subjects have participated at each of the editions of CONAMA to discuss issues related to sustainability in Spain.

The issues discussed in this congress included political water strategies, the implications of the framework Directive, irrigation and new sources of water, as well as subjects dwelling on energy, climate change, territory and urban development, rural development, conservation of nature and environmental quality.



# The FCC Board of Directors approves the 2nd Corporate Responsibility Master Plan

Every two years, FCC approves a Corporate Responsibility Master Plan, which sets out and harmonizes the Group's interests and the particularities of the various business areas in this respect.

In its meeting of 13 November, the FCC Board of Directors approved the company's 2nd Corporate Responsibility Master Plan for the 2009-2010 period. This plan was drafted by the Corporate Responsibility Division and previously approved by the FCC Corporate Responsibility Committee and also by the Group's Executive Committee.

The 2nd Master Plan outlines six strategic lines of action all of which comply with the objective of the FCC Strategic Plan (Plan 10) in order to meet socially responsible challenges

from within the Group. The objectives of the new Master Plan bolsters the organizational structure from which the strategy as well as socially responsible actions of FCC and its departments emanate, are fostered and reinforced.

## Good governance

The Plan contemplates various initiatives, including the dissemination, training, and transfer of knowledge of the FCC Code of Conduct and the 10 principles enshrined in





## Strategic Lines

- Good Governance
- FCC human resources
- Communication and dissemination of FCC's socially responsible strategy.
- Our corporate citizenship
- Care of the environment
- Responsible innovation within the FCC Group.

the United Nations Global Compact.

### The people at FCC

To ensure the career development of human resources, the Plan focuses on talent management through the preparation of plans to attract and retain talent. Equality plans and plans to improve on-the-job safety are also in the pipeline.

### Communication and social actions

A communication plan will be designed to reinforce FCC's image in relation to Corporate Social Responsibility, emphasizing the external and in-house communication of socially responsible

actions which will also foster the integration, participation, and motivation of the Group's employees.

As part of the company's social actions, there are plans to consolidate and expand the volunteer program which was previously launched and also to establish a social action program in keeping with the company's Corporate Social Responsibility vision.

### Caring for the environment and wagering on responsible innovation

The objectives of the 2nd Corporate Responsibility Plan contemplate the promotion of responsible innovation as a strategic and competitive factor in corporate management, and investment in new projects that meet the expectations of stakeholders.

It also defines the Group's environmental policy, incorporating FCC's principal commitments in relation to the environment, the implementation of an energy management system, and the expansion of the scope of the Green Site Plan, among other measures. The annual meeting of the FCC Group R+D+I and Environment round tables will continue to be scheduled.

## A socially responsible Group

FCC's First Plan (2007-2008) incorporate the objectives of good governance, the attraction and retention of talent, on-the-job health and safety, the fight against climate change, eco-efficiency, dialogue, and cooperation.

Of all the projects undertaken to comply with the objectives of the 2007-2008 Plan, the most important ones, due to their organization-wide scope, were: the approval of the code of ethics for the entire FCC Group; the launch of the corporate volunteer program; the work carried out by the Corporate Social Responsibility (CSR) Committee and by the various business units; and the inclusion of CSR as one of the key pillars of FCC's strategic Plan 10. Thanks to these initiatives, the Group has joined the selective international Dow Jones Sustainability Index.



Dieter Kiefer, Chairman and CEO of Cementos Portland Valderrivas Group with representatives from the five NGOs.

## Cementos Portland Valderrivas employees involved in the “euro solidarity” campaign

The solidarity projects developed by Cementos Portland Valderrivas Group are an essential part of the culture of a socially responsible group.

From January 2007 until October 2008, several employees have participated in the “euro solidarity” initiative by contributing one euro a month from their payroll which is distributed to several charity causes.

The amount contributed, and completed by the CPV Group, totaled 16,170 Euros, which was distributed among several projects chosen by the following NGO’s: Fundación Prodean, for the construction of a well in Nkolngok (Cameroon) to provide drinking water and sanitation to the population; Asociación de Familiares con Alzheimer (AFA) from Vejer de la Frontera (Cádiz), to provide greater assistance to people suffering from this disease; Fundación Ardoi, for the integration and development of multiple sclerosis and cerebral palsy patients by participating in sports such as basketball; Bomberos Unidos Sin Fronteras, for intervention and aid in the event of emergencies, in this case, earmarked for an emergency in Haiti; and, Intermón-Oxfam, for distributing drinking water, medicines, and other

materials in emergencies to be better prepared to meet natural catastrophes, in this case, for a project in southern Sudan.

Each of these projects received a contribution of 3,234 euros. Dieter Kiefer, Chairman and CEO of Portland Valderrivas Group personally delivered the check, accompanied by four employees who participated in this initiative.

This voluntary and charitable gesture of CPV employees was applauded by the company, as expressed by the Chairman on 21 November at the event where the funds were given out at CPV Group headquarters.

The Chairman stated that “The protagonists have been our employees who, thanks to their hope and participation that made it possible to reach the sum of 16,170 euros”.

The Cementos Portland Valderrivas Group encourages all who did not participate in this initiative to join it so that it would be possible to collect a larger sum to meet the numerous requests that are received.

### Solidarity projects

- Fundación Prodean, for the construction of a well in Nkolngok (Cameroon) to provide drinking water and sanitation to the population
- Asociación de Familiares con Alzheimer (AFA) from Vejer de la Frontera (Cádiz), to provide greater assistance to people suffering from this disease
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## Fair trade at CPV headquarters

Last December, Cementos Portland Valderrivas and Fundación Intermón Oxfam launched a supportive and fair trade market. Pilar Orenes, Director of Intermón Oxfam Madrid and Central Zone, wrote to congratulate CPV for its charity work and expressed her “sincere appreciation for the solidarity and values shown at the fair trade market organized at your offices a few weeks ago. It is, without any doubt, one of the most productive ones that we have organized”. She added that “This solidarity and involvement in

trying to make a better world is particularly relevant in these days, when the neediest suffer most harshly the effects of the economic crisis”.

In her letter, she said that “the commitment that you have shown at Cementos Portland Valderrivas encourages and gives us the peace of mind to be able to face difficulties and reaffirms our solidarity to carry out activities aimed at meeting our goal: that all human beings enjoy a dignified life”.

## Successful toy collection campaign at Cementos Portland Valderrivas

From 1 to 16 December 2008, Cementos Portland a toy collection campaign in which all employees in Spain were allowed to participate.

Posters were distributed at the different worksites to inform the Group employees about this campaign. The slogan used was: “There are children who need your help. By giving them a toy, you will bring a smile to their faces”.

A total of 1,962 toys were collected, more than

in the previous year’s campaign. The Cement Division’s factories in de Guadaíra, El Alto, Hontoria, Olazagutía, Mataporquera, Lemona, Vallcarca and Monjos collected 585 toys: the Aggregates Division 562; the Concrete Division 526, and the offices in Madrid, Pamplona, Barcelona, Valladolid, and Bilbao, 290 toys.

These toys were sent to several parishes as previously coordinated with the charitable organization, Cáritas. Most of the children who were given toys come from families with limited financial resources.





The Nuestra Casa retirement home in Collado Villalba (Madrid). On the following page, Rondalla Torrejón which performed at the Christmas party free-of-charge.

## FCC volunteers bring Christmas cheer to Esther Koplowitz Foundation retirement homes

FCC launched a volunteer program last April in keeping with its commitment to corporate social responsibility. The aim of this program is to encourage the participation of Group employees in addressing some of the pressing problems in today's society.

One of the first initiatives of this program was to cooperate in the altruistic work being carried out by the Esther Koplowitz Foundation in caring for the most disadvantaged or marginalized members of the community.

The activities carried out by volunteers focus on collaborating with the retirement homes built and donated by the Esther Koplowitz Foundation in the cities of Madrid, Barcelona and Valencia for the elderly with limited financial resources and for

those suffering from any mental impairment. FCC volunteers had already started to participate in activities, spending time with these senior citizens and setting up workshops in three of these retirement homes.

Thanks to its enormous success and the emotional bonds created between the volunteers and the elderly, the volunteers decided to organize this event to bring Christmas cheer and happiness to the older people living in these homes. Thanks to their great spirit of solidarity and the reunion of family members and friends, those living in these homes enjoyed a happy Christmas day full of fond memories.

FCC volunteers in Barcelona organized a fun and magic show at the La Nostra Casa de Fort Pienc





## Successful activities and workshops at the three retirement homes

retirement home, which the elderly enjoyed enormously.

At the Nuestra Casa de Collado Villalba (Madrid) home, volunteers worked to organize a Christmas party. The enthusiastic “Rondalla Torrejón” (musical ensemble), with nearly 20 members, volunteered to perform at the event and delighted everyone with the holiday songs chosen especially for this event. Nearly 80 people enjoyed the show, and the volunteers, residents, family members, the staff at the home, and members of the Rondalla shared Christmas sweets and had a good time at the event organized by the retirement home management staff.

In Valencia, volunteers took a group of disabled people who live at the city’s La Nostra Casa retirement home to a trip to Manises Airport.

### A great initiative

Since its inception, the goal of the FCC’s corporate volunteer program is to encourage its employees’ participation in social assistance initiatives. These objectives are in line with those of the Esther Koplowitz Foundation which has been intensively involved in actions that benefit the neediest members of the community.

## More than 32,000 children participate in the 6th edition of Aqualia’s National Children’s Drawing Contest

For the sixth consecutive year, Aqualia organized the Children’s Drawing Contest, which on this occasion, coincided with the World Water Day on 22 March. The slogan for this contest was “Water, my world, and my colors”. Children for the 3rd and 4th grades from schools in cities and towns where Aqualia operates took part in this contest.

This activity has become a reference and is part of the events organized at different municipalities to celebrate World Water Day. Its purpose is to disseminate among the youngest members of the community information on water and on the various phases in the end-to-end water cycle. In addition, the program also aims to have children become committed to the sustainability of this very valuable resource.

In its last edition, five prizes were awarded nationally. Each of these prizes consisted of a week-end trip to Madrid for 3 people, with visits to Faunia Park. There were also 200 prizes for runner-ups, consisting of a digital camera, and 25 group prizes awarded to schools that had the highest level of participation in this contest. The prize for these schools was a personal computer and printer. The winners’ names are announced in the mass media, published at all Aqualia offices, and in the company’s website ([www.aqualia.es](http://www.aqualia.es)).

Local authorities, the mass media, teachers, and students from the award-winning schools participate in these award events organized in collaboration with local city councils. .

This initiative has been highly successful since its inception. More than 150,000 drawings have been received to date. Over 32,000 youngsters participated this year in Spain and Italy. In the latter country, this is the first time that Aqualia, through Caltaqua, has organized the contest.



The award-winning children on their trip to Faunia Park in Madrid.



# FCC Group's Corporate Social Responsibility Reports, a essential tool

FCC Construcción, FCC Medio Ambiente, Aqualia, and Cementos Portland Valderrivas have published their respective Corporate Social Responsibility Reports, drafted in accordance with the Global Reporting Initiative's G3 standard and rated A+. An independent specialized firm checked the reports to verify the accuracy of the information contained therein.

The objective of these reports is to enable internal and external stakeholders of the organization to interpret and assess the corporate results of these FCC subsidiaries within the context of its operations and check if strategies implemented contribute to a sustainable environment.

## FCC Construcción

FCC Construcción published its Sustainability Report which describes all the measures implemented by the company. In the area of social responsibility, the company signed an agreement with the Fundación ADECCO to implement the Familia Plan to bring people with disabilities into the labor market; it made efforts to ensure workplace safety, with the result that FCC Construcción has much lower accident rates than the rest of the sector; and it maintained its commitment to the professional development of employees by providing more than 193,000 hours of training.

From an environmental standpoint, the report describes the degree of application and progress in implementing best practices in all areas: relations with society, emissions into the atmosphere, noise and vibration, water discharges, occupation of land and contamination and loss of soil, use of natural resources, waste production, and land use planning.

About 20% of the projects evaluated made environmental improvements to the original design, and 97.1% of the works obtained 51 points, the minimum required by the company applying the criteria established in the basic environmental

planning and control guide.

Many of the company's actions have been recognized with prestigious awards, including the Mies Van der Rohe award for the Contemporary Art Museum of León designed by architects Emilio Tuñón and Luis Moreno Mansilla; the Puente de Alcántara award for Terminal T4 at the Madrid-Barajas Airport designed by Lamela and Rogers; and the Garrigues Expansión award in the Sustainability and Social Responsibility category for the biennial publication of environmental reports.

## FCC Medio Ambiente

In 2006-2007, FCC Medio Ambiente maintained and consolidated its leadership positioning, incorporating environmental and social criteria in the renewal of existing contracts and in the new ones that it has entered into which contemplate sustainable development of the services provided to a population of nearly three million.

In its fight against air pollution and underscoring its strong commitment to technological innovation, in close collaboration with auto industry suppliers, FCC Medio Ambiente has developed less pollutant combustion engines which run on alternative fuels such as diesel oil, compressed natural gas, and biofuels.

The company has also improved the acoustic insulation of vehicles and has disseminated and implemented good practices for reducing consumption of resources, such as, for example, the use of regenerated water for street cleaning and irrigation in parks and gardens.

In waste collection activities, there was an increase in selective waste collection which now account for 98.10% of the population to whom FCC provides waste collection services.

As regards social actions, FCC Medio Ambiente branch offices have been actively involved in the

prevention of occupational hazards, with the accident rate dropping 20%. The environmental division has requested the collaboration of specialized institutions and organizations to promote the integration of the disabled in the job market.

The various delegations of the Environmental Division have carried out several activities within the framework of Agenda 21, tripling the number of actions in comparison with 2005.

Throughout 2007, the division has purchased material and equipment that meet special requisites for the protection of the environment. It has also applied social criteria in purchasing clothing and coffee purchases at three of its branches are made at fair trade establishments in keeping with the Ecological Office initiative.

#### **Aqualia**

Aqualia's report describes the creation of Environmental Quality and Management systems, the increase in resources earmarked for R+D+i, the employee training actions that have been undertaken, and the implementation of the Service Quality Charters in all cities and towns where Aqualia operates.

The company is also involved in social work in the territories where it carries out its activities. These measures include the Children's Drawing Contest, Open-Door Events, didactic campaigns, and play-educational activities. Its entire human team has been involved in these initiatives designed for all its target groups, aimed at disseminating information on the company's activity and its commitment to people and the environment.

This year's report incorporates several novelties. Firstly, it includes the opinion of well-known professionals in all water-related issues. These opinions reflect their vision on specific issues and help to understand and appreciate the efforts that the water industry is undertaken and that will continue to be made in the future. Secondly, Aqualia's website ([www.aqualia.es](http://www.aqualia.es)) has been enlarged and now provides information complementing the one contained in its report.

#### **Cementos Portland Valderrivas**

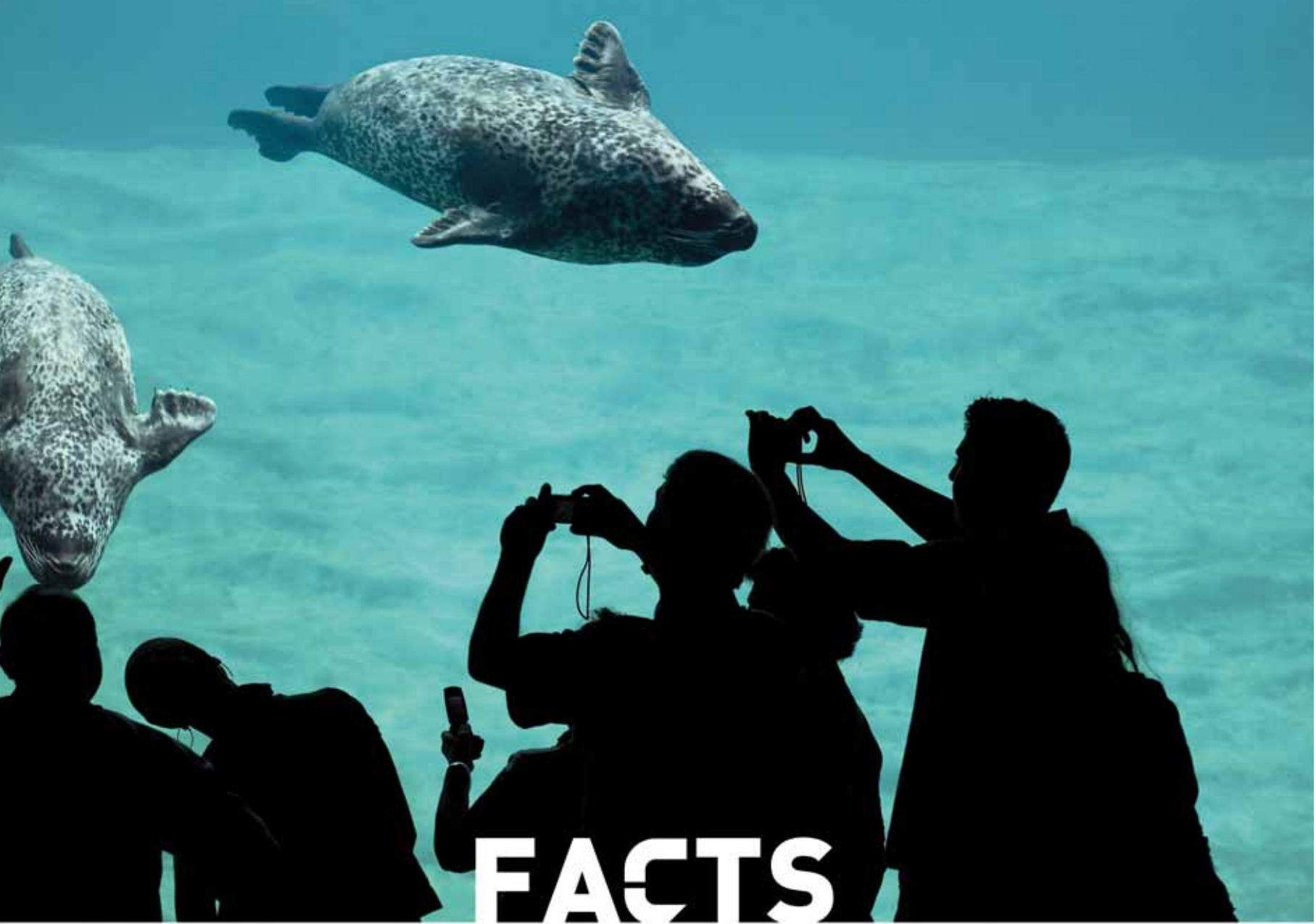
In 2007 Cementos Portland Valderrivas Group defined a new organizational structure, the Environment and Sustainability Division which will integrate the Group's activities, bolstering the uniformity and management of the various business units and promoting a common corporate culture. The Group approved the Corporate Social Responsibility policy to ensure that its actions comply with the best practices in the industry and to bring these in alignment with the FCC Group Corporate Responsibility Master Plan.

In relation to corporate governance, the company has been working actively in adapting the corporate regulations (bylaws, AGM and Board of Directors regulations, and the internal code of conduct) to the recommendations of the Unified Good Governance Code. In addition, the company has defined new procedures, such as the drafting of reports on the rating of directors and the Communications Channel. It has made progress in respect of occupational hazards and has set the objective of obtaining OHSAS certification for all its cement factories in Spain over the next two years. The company also plans to update its safety and health policy and the Corporate Management Manual which will serve as the guideline and standards to integrate on-the-job safety and health within the Group.

The protection of the environment is one of the key sustainability priorities. Along these lines, the Group has made progress in applying its strategy to fight climate change, having obtained a satisfactory result in the first period, 2005-2007, in anticipation of the Kyoto Protocol in respect of the law on trading greenhouse gas emission rights.

In 2007, the Group obtained the Eco-Management and Audit Scheme (EMAS) registration for its factories in Alcalá de Guadaíra (Seville), Hontoria (Palencia), Mataporquera (Cantabria) and Olazagutía (Navarre). It also obtained Environmental Authorizations at its eight cement factories. New environmental projects include the Energy Management System certification of the El Alto (Madrid) factory, the first in Spain to obtain this certification.





**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

