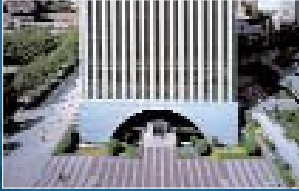




# INFORMA

March-April 07. Number 77



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# GLOBAL VÍA UNDERWAY

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## FCC earnings increase above expectations

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**FCC's reported earnings in 2006 reach 535.5 million euros, 27.1% higher year-on-year.**

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FCC posted 9,480.9 million euros sales in 2006, 33.7% up against the previous year. All core areas recorded over 20% growth: Construction (+31.3%), Environmental Services (+36.5%), Versia (+20.2%), and Cement (+49.9%).

Organic growth, without considering changes in the scope of consolidation (Grupo Logístico Santos, Entemanser, Marepa, ASA, Cementos Leona, Uniland, WRG, Alpine...), reached 16.6%. Excluding investments, the Construction division registered the highest growth, 22.6%.

Thanks to the success of the Strategic Plan (2005-2008), the contribution from international sales increased twofold, from 9.9% in 2005 to 18.1% in 2006. By geographical areas, Europe's contribution to international sales, 65% of the total, is worth mentioning.

The project and services backlog at year-end reached a record 30.51 billion euros, 48.9% than the previous year.

### **Construction**

Growth in the construction division was 31.3% thanks to the positive trend in civil works, which account for 59% of the total in the domestic as well as in the international market.

In the international market, Central and Eastern Europe recorded strong growth. In recent months, FCC Construcción has been awarded several major projects, such as the Basarab viaduct in Bucharest (Romania) for 135 million euros; the bridge over the Danube River connecting Bulgaria and Romania, worth 100 million euros; and the construction and operating concession of a highway in Austria for 945 million euros. The Austrian affiliate, Alpine Mayreder Bau, consolidated in FCC accounts since 15 November 2006, made a significant contribution to this expansion.

The sales breakdown of the Construction division

by type of project is as follows:

**Civil Works:** 59%.

**Non-residential construction:** 27%.

**Residential construction:** 14%.

#### Services

The sales figure of the Environmental Services unit by year-end had increased 36.5% driven by organic growth and the consolidation of investments (ASA, Entemanser, Marepa, SmVaK, WRG...). The breakdown to total revenues is as follows:

**Urban sanitation services:** 46.7%.

**Water:** 25.1%.

**International:** 22.4%.

**Industrial waste:** 5.8%.

International activity, generating 24% of total sales, registered particularly strong growth in European market (Eastern Europe and the United Kingdom).

At 867 million euros, sales posted by Versia, the company in charge of providing all non-environmental services, showed 20.2% sales growth.

**Logistics:** 38.5% of the total grew 20.9% in 2006.

**Handling:** representing 21.3%, recorded 10.1% growth, boosted by the Rome airport business, consolidated since the first of October.

**Revenues amount to more than 9.48 billion euros (+33.7%)**

#### 2007 Estimates

**Revenues:** > 40%

**EBITDA:** > 1.9 billion

**Net Income:** >10%, excluding the Realia IPO



Top: Torres Fira, one of the landmark projects in Barcelona. Above these lines: the wastewater treatment plant in Salamanca. Left: a side-loading truck for solid waste collection in Bilbao.





Top: Rafael Montes, CEO of FCC at the earnings presentation for the Group controlled by Esther Koplowitz. To his right, José E. Trueba, General Manager of Administration and Finance. Above these lines, detail of the concrete plant in Vallarca (Barcelona) owned by Cementos Portland Valderrivas.

**Urban furniture:** accounts for 13.7% of the total. In 2006 this business registered 27.3% growth thanks to the urban furniture contract in New York.

**Parking:** this activity accounts for 8.3% of the total recorded 20.2% growth shored up by the on-street parking management contract in Madrid.

**Maintenance and Systems:** this business, contributing 6.6% of Versia's revenues, increased sales by 4.7%.

**Vehicle Testing:** generating 5.1% of total revenues, this activity posted an 8.3% increase in 2006.

**Mass Transport:** 3.9% of the total, with sales

## EBITDA up 40.3%

growth of 10.5%.

**SVAT:** this area sells commercial vehicles. Classified under the "other" caption until 2006, this business contributed 2.8% of Versia's total revenues.

### Cements

Cementos Portland Valderrivas, S.A. consolidated revenues in 2006 reached 1,466.6 million euros, up 49.9% year-on-year. It has consolidated 100% of Cementos Lemona since

#### Sales breakdown by lines of business (million euro)

	dec-06	dec-05	% Variation	% sales dec-06
Construction	4.395,3	3.346,7	31,3	46,4
Environ. Serv.	2.835,6	2.078,0	36,5	29,9
Versia	867,1	721,5	20,2	9,1
Cement	1.466,6	978,4	49,9	15,5
Torre Picasso	19,5	18,1	8,1	0,2
Other	-103,2	-52,9	95,3	-1,1
<b>TOTAL</b>	<b>9.480,9</b>	<b>7.089,8</b>	<b>33,7</b>	<b>100,0</b>

February 2006 and 100% of Uniland since August 2006. Organic growth in this core business was 11.9%, bolstered by higher volumes and prices in the markets where it operates.

Acquisitions under the Strategic Plan boosted international revenues by over 22%. The Cement division enjoys a strong positioning in the US eastern seaboard, where it has three cement plants, and in emerging markets such as Tunisia, Uruguay and Argentina.

### Real Estate

FCC owns 80% of Torre Picasso, which is proportionately consolidated. Occupancy is currently 100% and monthly rents average close to 26 euro per square metre.

FCC controls 49.17% of Realia, which is equity-accounted. At 741.3 million euros, Realia's revenues were up 24.1% year-on-year. SIIC de Paris consolidates as of 1 June 2006.

#### EBITDA by lines of activity (million euros)

	Amount	% Total	%/sales margin
Construction	268,6	19,4	6,7
Environ. Serv.	501,4	36,1	17,7
Versia	104,2	7,5	12,0
Cement	485,3	35,0	33,1
Torre Picasso	16,3	1,2	83,4
Other	11,5	0,8	
<b>TOTAL</b>	<b>1.387,3</b>	<b>100,0</b>	<b>14,6</b>

### Earnings

Realia's earnings, equity-accounted in FCC consolidated accounts, reached 78.7 million euros (+16.6%). Net operating income EBITDA) was up 40.3% reaching 1,387.3 million euro. The sales margin was seven percentage points higher than in the previous year.

Net Operating Income (EBIT) grew 34.3% to 881.3 million euros, with the sales margin remaining unchanged despite the considerable increase in depreciation and amortisation.

Earnings before taxes (EBT) were 886 million euros, climbing 27.3% year-on year.

The equity-accounted affiliates line-item includes the impact of Realia, which contributed 78.7 million euro, while Cementos Lemona is now fully consolidated and is no longer included under this line-item.

Earnings attributed to equity holders of the parent company increased 27.1% to 535.5 million euros. Investments totalled 4,854 million euros, five times more than in 2005.

Headcount at 31 December 2006 was 92,565, with 25,003 jobs added in the year.



Excluding investments, the Construction business registered the strongest growth, 22.6%

# Business ethics, a determinant value in the FCC Group corporate culture

The business ethics, convened in Torre Picasso on 29 January, was attended by more than 175 senior executives of the FCC organization.

Esther Koplowitz, the Group's major shareholder, was present at this event, accompanied by other Board members, such as Alicia Alcocer and Fernando Falcó.

Felipe Garcia, the FCC Secretary General,

spoke on the ethical and integrity values that should be a cornerstone of any enterprise.

Rafael Montes, FCC's CEO, gave the opening and closing speeches, accompanied at the table by the secretary general and the chairmen of FCC Group companies: José Luis de la Torre (Services), José Mayor (Construction), José Ignacio Martínez-Ynzenga (Cement), and Ignacio Bayón (Realia).



In the centre, the CEO, Rafael Montes, with the secretary-general, Felipe Garcia. On the left, the chairmen of Cement, José Ignacio Martínez-Ynzenga, and Construction, José Mayor; on the right, the chairmen of Environment, José Luis de la Torre, and of Realia, Ignacio Bayón.

## FCC's reflections

**"Integrity** and respect for the company's ethical values are the pillars of the corporate structure capable of generating positive attitudes and qualities, essential for the future of our company".

**"Respect** for these values must be assumed by everyone at the FCC Group, particularly those who are fortunate to have responsibilities in the Company".

**"The Company** in general, and the markets, in particular demand integrity, rectitude, honesty, and irreproachable performance and if we do not respect these values, we will suffer the consequences".

**"We have** the tools for implementing these commitments and for ensuring that all who are part of the FCC Group act accordingly".

**"Although** no company of our size can be totally free of bad practices, we must be watchful in order to eradicate them".



# FCC wins award for its IT upgrades

The weekly magazine, Computing, gave FCC the first 2007 Computing Prize in the “Business Continuity” category in recognition for the company’s efforts in upgrading its technological infrastructures to obtain greater management redundancy criteria, security, and high availability of critical corporate applications. Gianluca D’Antonio, the manager of FCC Group’s IT Security and Risk Management collected the prize.

Jordi Sevilla, the Minister of Public Administrations, attended this event, held on 31 March, to receive the prize in the

“Information Society” category, which was awarded to the Law for Citizens’ Electronic Access to Public Administrations, approved on 1 December 2006, one of the major initiatives in the year for the development of the Information Society in Spain.

**Appreciation for the efforts made in the area of Information Technology**

## *A major project*

Since the end of 2006, FCC has been involved in a project for upgrading all of its technological infrastructures to obtain greater management redundancy criteria, security, and a high level of availability for critical corporate applications.

# Professionals in the field of information security exchange experiences

A group of experts in the field of information security launch an initiative to promote and disseminate information on this activity with the aim of having a permanent forum with the participation of individuals, companies, and organizations that want to exchange experiences and perspectives with respect to this issue.

This initiative, to be known as the ISMS Forum, will be led by Gianluca D’Antonio, manager of FCC Group’s Information Security and Risk Management department.

The main objectives of this initiative are: support and promote the ISO 27000 standard throughout Spain; foster the exchange of information and experience; cooperate with other foreign chapters to address issues related to the implementation of the standards; promote the development and application of the standard in the Spanish market; and, collaborate with public and private national and international entities to promote the information security management culture.



Data processing centre where all FCC information is processed. Top: Gianluca D’Antonio, manager of FCC Group’s Information Security and Risk Management department, with Ángel Alegre, department editor at Computing Magazine.



The aim of this forum is to encourage the participation of companies and organizations that wish to share their interest in information security management. Gianluca D’Antonio, manager of FCC Group’s Information Security and Risk Management, will be the chairman of this forum.

# CONSTRUCTION





# FCC and Caja Madrid give birth to Global Vía Infrastructures

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The new Company is born with 250 million euro share capital. It will integrate 17 highways, twelve of which are traditional toll roads, seven rail-transport concessions, four marinas, three industrial harbours, two airports, and two hospitals.

---

Caja Madrid and FCC have established a 50:50 joint venture called Global Vía Infraestructuras, S.A. to group all of the infrastructure assets owned by the two partners.

With an initial share capital of 250 million euro, the new company has holdings in 35 infrastructure concessions, mainly roads, commercial ports and marinas, metro and tramlines, and hospitals.

At its first meeting, the new company's Board of Directors elected Jesús Duque as Chairman of Global Vía Infraestructuras and appointed Javier Falces as general manager.

## Diversified infrastructure portfolio

Global Vía's corporate purpose includes management, promotion, development, and exploitation of public, national or international, infrastructures awarded by different public administration and international organizations and institutions as concessions or any other type of similar legal regime which these public administrations, organizations and institutions, national or international, are using at present or may do so in the future.

Global Vía was created with the aim of becoming one of the world's leading infrastructure groups; in addition to the assets received from its parent companies, it will bid for all major concession tenders in Europe and North America.

One of Global Vía's concessions is its 100% stake



**Autovía del Camino, one of the largest projects awarded in the history of the Navarra Autonomous Region.**



Top: the 3 km-long Soller toll tunnel passing through the Alfabia Mountains in the Palma Majorca – Soller corridor. Average daily traffic in 2006 was 7,916 vehicles. Above these lines, the Barcelona tram which increased its rail activities in 2006. Nearly 17 million travellers used the tram in 2006, 30% more than in the previous year.

## Global Vía, the second company created by FCC and Caja Madrid

in the Barajas Metro, awarded by the Madrid Autonomous Community to an FCC-Caja Madrid Consortium. The project involves the extension of Line 8 from the Barajas subway station to the transport interchange at the new Terminal 4 in Madrid's airport.

This new company has controlling stakes in several other companies, including a 66% holding in Concesiones Madrid, in charge of maintenance for the N-II – O'Donnell Intersection of the M-45 highway, and the same percentage in the Southeast Hospital in Arganda del Rey (Madrid).

It has a 61% stake in Autopista Central Gallega Concesionaria Española S.A. (Acega), and is in charge of maintenance and operations of the toll highway between Santiago de Compostela and

Orense, in the Santiago to Alto de Santo Domingo stretch; and a 57% holding in Compañía Concesionaria del Túnel de Sóller, a company created for the construction, upkeep, and maintenance of the C 711 road from Palma to Soller, and the tunnel through the Sierra de Alfabia.

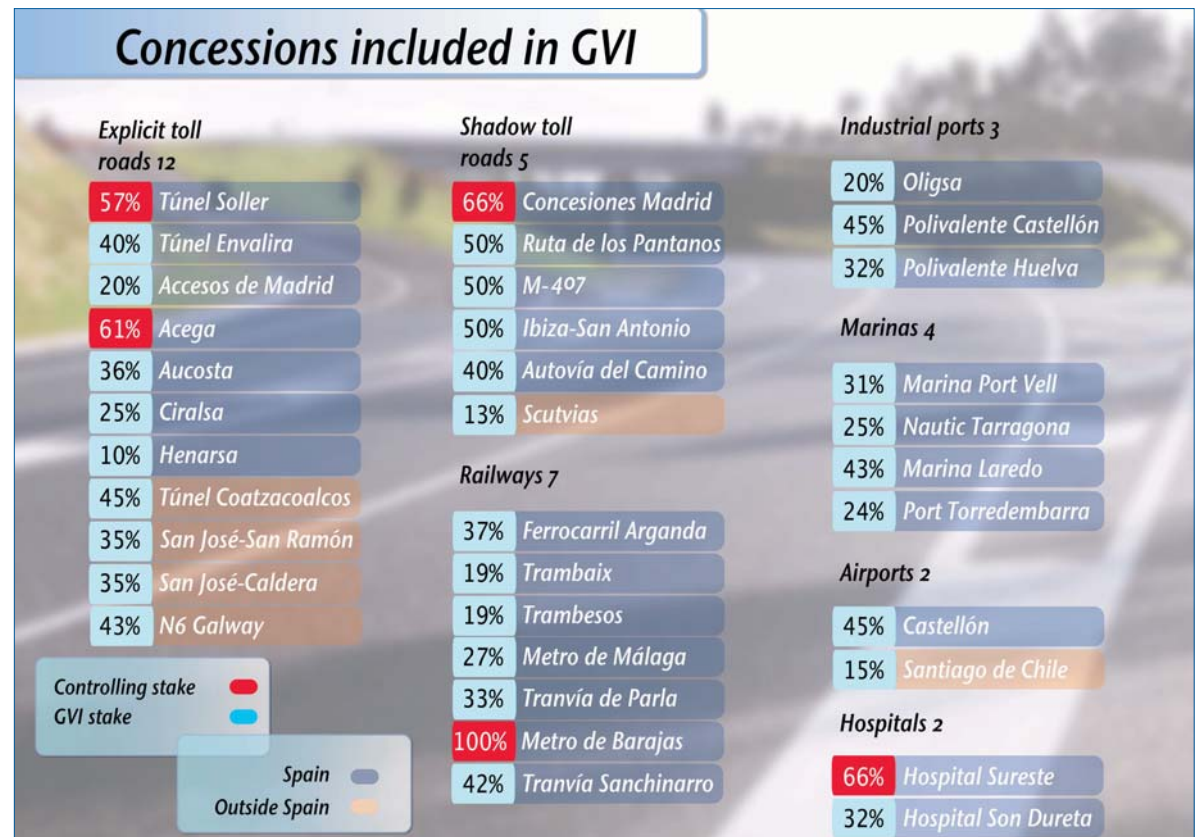
### Realia, the first company

Global Vía is the second company jointly created by FCC and Caja Madrid. The two companies had already created Realia in June 2000 pursuant to several agreements which had been previously signed in January of that same year. The new company incorporated Centro Inmobiliario Caja Madrid, S.A. and FCC Inmobiliaria, S.A., in addition to its affiliates and equity holdings.

## Infrastructures

Global Vía will have a very diversified infrastructure portfolio, including 17 highways, 12 of these toll roads, seven rail transport concessions, four marinas and three industrial harbours, two airports, and two hospitals.

### Concessions included in GVI



# El Corte Inglés opens its largest commercial centre in Spain

The new complex in Getafe (Madrid) includes an El Corte Inglés department store and a Hipercor chain supermarket. The project is worth an investment of over 29 million euro.

FCC built the new commercial centre in Madrid for El Corte Ingles. It is this company's largest facility of its kind in Spain. Called El Bercial, this new shopping centre is situated in Getafe (Madrid) next to the El Bercial metro station and the Toledo highway, the A-42 and the M-45. Investment for this project totalled was approximately 29.2 million euro.

The 170,000 m<sup>2</sup> of floor space is divided into three basements, a ground floor, two above-grade floors, a covered and a semi-covered surface area. The new complex also features 3,000 parking spaces.

**170, 000 m<sup>2</sup> of floor space have been built**

FCC used superior quality materials, such as marble and granite, in this construction project. The glass walls surrounding the building make it extremely bright, allowing sunshine into the interior of the facilities.

The building features non-water consuming cooling units and PA systems without acoustic contamination. In addition, it has innovative security and fire protection systems and concrete pillars that are able to withstand 240 minutes of intense fire, and nearly 14,000 water outlet pipes distributed throughout the centre for putting out fires.

## FCC builds a commercial centre in Alcalá de Guadaíra

FCC was in charge of the construction project for a commercial centre in the Cerro Cabeza Hermosa industrial park in Alcalá de Guadaíra (Seville).

Next to the A-92 highway, the facilities have 32,000 m<sup>2</sup> of floor space consisting of a two-floor building for medium-sized retail establishments. Several companies have opened stores in this new centre such as those specialising in

home do-it-yourself materials, home interiors, appliances, and home furnishings.

The commercial centre has a large parking area with 1,200 parking spaces.

FCC also executed other tasks, including surveying works, foundations, the roof structure, honeycombed top slabs, in addition to sanitation and landscaping of the surrounding areas.



### Technical Team

*Deputy Manager:*  
Salomón Amrán Cohen

*Head of Project:*  
Alejandro Pérez Benavides

*Supervisor:*  
Antonio Pacheco Rubio



### Technical Team

*Department Manager:*  
Manuel Rodríguez Chicharro

*Head of Project:*  
Miguel Ángel Grande Torralbo

*Supervisor:*  
José Antonio Muñoz Montosa

# The Minister of Development inaugurates the new dock at Motril Harbour in Granada

Over 40 million euros invested in new Azucenas dock to double the harbour's capacity and increase commercial traffic

Minister of Development Magdalena Álvarez inaugurated the new Azucenas dock in the Motril (Granada) harbour, which will double capacity and increase the traffic of goods in the coming years.

Mariano Navas, the Chairman of the State Harbours and by the Chairman of the Motril Port Authority, Ángel Díaz Sol, accompanied the minister. Investment for this project totalled over 40 million euro.

The second phase of the Azucenas dock project increases the length of available docks as well as the depth, in addition to a channel for dredging at 12 metres underwater.

This project will enable the entry of larger vessels and ships in the port, which, until now, could not access the harbour facilities.

## The second phase of the Azucenas dock will allow larger vessels to tie up

It also increases docking capacity and the traffic of goods in the harbour.

Increased traffic at the Motril harbour made it necessary to create new infrastructures. Consequently, the west dock and outer sea

wall had to be built, in addition to the two phases of the Azucenas dock.

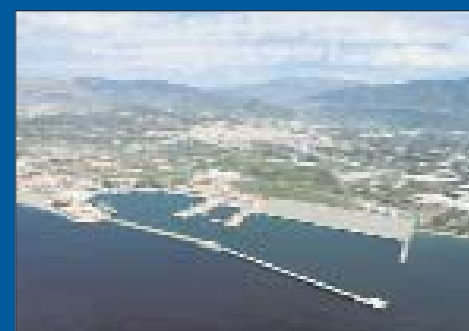
Besides the new dock, a new logistics area, with a large area for the development of industrial activities, also went into operations. Its proximity to the Azucenas dock and revamping of roads currently underway will make the Motril harbour an optimal alternative for the storage and distribution of goods.

## 600 metres longer

The new dock, stretching over 600 metres in the two construction phases consists of a vertical dock with prefabricated reinforced concrete caissons, at a depth of -14.

The dock was dredged to the -12 level next to the access channel thereby providing

sufficient depth for operations and vessel movements as well as sufficient material that was used as land filling for the platform, subsequently completed with selected land filling and graded aggregate until reaching the desired level.



The minister unveils a commemorative plaque marking the inauguration of new enlarged harbour. Above, a general view of the harbour.

## FCC to build a new hospital in Cáceres

The president of the Extremadura Regional Government, Juan Carlos Rodríguez Ibarra, accompanied by the secretary of Health and Consumption, Guillermo Fernández Vara, laid the first stone for the new hospital in Cáceres.

FCC, in a joint venture with two local companies, will be in charge of executing this project worth 46 million euro.

The hospital will be built in a 145,840 m<sup>2</sup> plot of land and will have, in its first phase, 40,194 m<sup>2</sup> of floor space, with more than 24,000 m<sup>2</sup> as useful space. The execution period for this project is

32 months. The new hospital will have the following facilities: 476 beds; 18 intensive care units; 20 overnight units; 15 units for respiratory ailments; 40 beds for day care; 3 delivery rooms; 22 emergency units; 15 beds for patients under observation; 112 examination units. It will also have facilities for outpatient services, dialysis, rehabilitation, therapeutic radiation, scanners, and nuclear medicine, and haemodynamic testing.

In addition, the hospital will also feature support services: customer care, premises for patients and family members, cafeterias, and a hotel for patients, as well as research and teaching units.



The hospital will be built in a 145,840 m<sup>2</sup> plot of land.

## The President of the Extremadura Regional Government at the inauguration of the Navalmoral de la Mata Hospital

The enlargement and refurbishment of the Campo Arañuelo Hospital in Navalmoral de la Mata (Cáceres) was inaugurated on 29 January. Juan Carlos Rodríguez Ibarra, the President of the Extremadura Regional Government was present at this event jointly with the Secretary of Health and Consumption, Guillermo Fernández Vara.

The objective of the project was to double the size of the facilities, adding over 6,000 m<sup>2</sup> and refurbishing nearly 2,000 m<sup>2</sup>. The new additions include new hospital services, 77 single rooms, new doctors' offices, hospitalisation areas, day hospital, surgery room, and a new sterilisation unit.



The refurbishment doubled the hospital's useful floor space.

## Construction of the first El Corte Inglés home-improvement store

FCC built the first BRICOR store for El Corte Inglés, specialising in the sale of home-improvement products and services.

The new building is adjacent to the Hipercor hypermarket in the La Garena de Alcalá de Henares (Madrid) industrial park, in a

Technical Team
<i>Deputy Manager:</i> Pablo Colio Abril
<i>Department Manager:</i> Juan Ruano Mochales
<i>Heads of Project:</i> Sergio Tortosa Yela/ Raúl Pérez López
<i>Supervisor:</i> José Orlando Tortosa Yela

trapezoidal-shaped 25,565 m<sup>2</sup> plot of land.

The centre has 37,800 m<sup>2</sup> of floor space, divided into two basement floors for parking facilities and installations, a lower ground floor, ground floor, and a first floor for stores and various restaurant and leisure areas.



BRICOR is a store that sells home-improvement products and services



The President of Cantabria, Miguel Ángel Revilla (sixth on the left) with several political representatives at the event marking the start of the project.

## Construction work begins on the bridge connecting the Maliaño and Raos docks in Santander

Miguel Ángel Revilla, the President of Cantabria, and the Vice-president and Councillor for Institutional Relations and European Affairs, Dolores Gorostiaga, were present at the official event marking the start of construction of the bridge over the Maliaño wet dock that will connect the Maliaño and Espigón Norte Raos harbours. They were accompanied among others by the Secretary of Public Works and Housing, José María Mazón, the President of the Santander Port Authority, Javier del Olmo, the representative of the Cantabria Government,

**The project will enable railway and heavy vehicle traffic**

Agustín Ibáñez, and Gonzalo Piñeiro, the mayor of Santander.

The project involves the construction of a 275 metre-long metal bridge with a bascule, two-section bridge in the centre and lanes for vehicles and railways. The project has a budget of 15.3 million euro.

### **The project's advantages**

- The project will free up 45,700 m<sup>2</sup> of space that will be transformed into a seafront promenade.
- Trains and heavy vehicles operating in the harbour facilities will no longer have to travel through the Marqués de la Hermida street.
- Traffic of over 200 heavy trucks that move daily in the harbour area will be diverted.
- The project will benefit those leaving in the vicinity of the harbour as well as private cars in the surrounding area.

The central stretch will be supported by two reinforced concrete blocks, 23 metres long and 11 metres high, anchored on a foundation of nine 44 metre-deep piles a diameter of 2,000 mm. The mechanisms that enable bridge movements rest on top of these blocks.

The bascule bridge will be built to channel heavy load traffic generated at the harbour, thereby easing traffic congestion at the area between the Marqués de la Hermida and Castilla streets and improve the city's road safety conditions.



# The Castellón highway opens to traffic

**A fast and modern highway, almost 12 km long, with 14 traffic circles, boosting development of the Castellón harbour**

FCC built the new access road to the Castellón harbour, an 11.5 km-long road connecting with the north dock at the harbour. Jordi Sevilla, the Minister of Public Administrations, Alberto Fabra, mayor of Castellón, Victor Campos, the vice-president of the Valencia government, and the representative from the Valencia Autonomous Regional government were present at the inauguration ceremony.

This new road, safer, with greater capacity, and less impact on the urban environment than the current access road, and built between the N-225 highway and the town of Grao, will improve communications from the harbour, Castellón, and Grao with the surrounding road network.

The project involved the construction of a new road with two carriageways each with two 3.5 metre wide lanes, a 2.5 metre wide

**Over 14,000 vehicles  
will be travelling through the road  
every day without interfering with  
the urban environment**

external shoulder, an internal 1 metre wide shoulder, and a 5 metre wide median.

Two false tunnels, one 280 and 500 metres long, respectively, at the final stretch are among the key aspects of this project, providing access to the harbour's dock on the north side.

Traffic circles and intersections at different levels connect to existing road networks, except at the start of the road that has a traffic circle at the surface level. Other lanes and service roads and passes were also built linking up with surrounding areas.

Restoration work to reduce environmental impact and integrate the project to adjacent areas was also executed in accordance to Environmental Impact Declaration recommendations. These measures included landscaping, protection of archaeological national resources, and others aimed at reducing acoustical pollution.



New access road to the Castellón harbour.



The Minister of Culture, Carmen Calvo, visited the second phase of the Archivo General de Simancas refurbishment project.

# The Minister of Culture visits the Archivo General de Simancas, Valladolid

The Archivo de Simancas has been revamped, adapting the facilities to new technological concepts and the current interest in historical research.

Carmen Calvo, the minister of Culture, visited this landmark historic building, where revamping work is almost completed. She was accompanied by Rogelio Blanes, the General Director of Books, Archives, and Libraries; the technical secretary of the department of Cultural Infrastructures and Facilities of the Ministry of Education, César López, and by the architect and project manager, Mario Pérez.

The project, executed under the sponsorship of the Ministry of Culture through the department of Cultural Infrastructures and Facilities, contemplated revamping and restructuring of the archive, work on the Ronda

previously were used as housing for the documental contents.

In the second phase, work was carried out to make it possible to provide services to a greater number of researchers and to divert part of the activities carried out within the building to the a new building, transferring the activities involving the prior search and consultation of documents from the main building to the new building outside.

Construction of the new building was executed by creating a structure consisting of slabs supported by



Boulevard, landscaping of the moat surrounding the building, increasing the size of the rooms used by researchers, refurbishment of the document restoration workshop, and a new exhibit hall.

After the project is completed, the building will have 10,859 m<sup>2</sup> of floor space, 9,072 of which correspond to the main building and the remaining 1,787 m<sup>2</sup> to the building's exterior.

The refurbishment process was executed in two consecutive phases. The first phase consisted of liberating the interior spaces of the archive which

reinforced concrete walls, with the ceiling structure made of laminated wood and with aluminium sheeting placed on the ceiling of administrative areas. In addition, a small viewpoint looking out to the moat area was built. The front façade is covered with limestone while the previous masonry in the backside of the building was restored.

The project also included new flooring and the replacement of carpentry work in bad condition, the rehabilitation of those with a historical value, and the application of traditional stucco in certain parts of the building.

## Technical Team

Department Manager:  
Sergio Ramos Alonso

Head of Project:  
Luis Hernández Blanco/Ignacio Rodríguez de Guzmán Cantalapiedra

Installation Technician:  
Juan Carlos Herrera Merino

Administrative staff:  
José Franco Carpio/Carmen Ollero Cuesta

Supervisor:  
Miguel Jiménez González

## ANALYSIS

# Construction of viaducts with wide inner diameters using prefabricated sections

FCC has built the Navia, Asturias, stretch of the Cantábrico Highway, with two viaducts, 384 and 905 metres long, respectively, as well as a 700 metre long tunnel through the Jarrio Mountain.



**José Ignacio González Esteban**  
FCC Construcción's Structure Service  
Director

The Navia viaduct spans over a large 900-metre plain, with the Navia tidal inlet, 150 wide, running through it. It is a curved structure with a 1,540 m radius. To comply with DIA requirements, a 905 m long structure was built with two

over the past five years for viaducts with an inner diameter of 75m. The solution that was adopted consisted of the execution of a viaduct with 75 and 80 metre long inner diameters using prefabricated sections, assembled with the help of a superior launch pillar over the slab. The 160 metre inner diameter arches were divided for the construction of two 80 m spans using provisional metallic piles.

After the deck slab was completed, the arches of the main spans were assembled by hanging the deck slab by means of a dropper and removing the provisional piles.

The viaduct has eleven inner diameter spans of  $46.3 + 70.0 + 3 \times 75.0 + 2 \times 160 + 75.0 + 67.5 + 60.0 + 41.5$  m, with a width of 23.1 m in the spans of the access viaducts and 27.0 m in the main spans, where the carriageways are divided to make room for the arches situated in the median.

A continuous rafter stretches over the entire length of the viaduct consisting of a central concrete box with vertical beams 8.1 m wide and 3.75 edge and transversal cantilevered slab beams held by means of



prefabricated concrete buttress struts placed at every 4.3 m.

The main 160 m spans are supported by various arches in the median. The arches have a 35.4 deflection versus the thrust line of the slab. The plane on which the arches are situated tilts 4 degrees, towards the inside of the curve, to partially counteract the transversal efforts produced by the curvature of the deck slab.

The metal arch was assembled on the deck slab; each arch was divided into 60 ton and 18 metre long elements. The horizontal force produced by the arch was resolved by means of a stay wire formed by 12 tendons with 100,300 kN tension and a length of 325 m, anchored on the 5th and 7th pile struts. A polyethylene casing and littance

protect these exterior tendons.

The hangers for the arch deck slabs are placed two-by-two at both sides of the slab axis, anchoring every four sections. These hangers are made of parallel rods, with a diameter of 7 mm and riveted heads (BBR Dyna system). After the hangers were stretched, neoprene jacks were used to remove the provisional piles, and the bridge left in its definitive position. The provisional piles were removed using heavy lifting jacks.

FCC Construcción was in charge of the entire manufacturing and assembly process, using its own equipment, thereby making it possible to coordinate all the teams involved in the project and completing the project rapidly and without incidents worth mentioning.

**The entire construction and assembly processes have been conducted using equipment especially designed by FCC**

160 m wide spans supported by a 905 m-long structures situated at the centre of the deck slab. The platform is 23.1 m wide, with a single slab for both highway carriageways to reduce the number of piles to a minimum.

In order to optimise the construction due to the length of the viaduct, the slab deck is totally prefabricated, adapting the construction system that FCC has been perfecting

# SERVICES



# FCC to build a waste incinerator in Austria

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The FCC Group, thanks to its two subsidiaries, Abfall Service AG (ASA) and Alpine Mayreder, has become one of the leading Austrian Corporate Groups and will be build one of the largest incinerators in Europe worth an investment of 100 million euro.

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Through its Austrian service subsidiary, Abfall Service AG (ASA), FCC will build and operate an urban waste incineration plant with a capacity for treating 130,000 metric tons of residential, commercial, and industrial non-hazardous waste. Total invest of nearly 100 million euro will be financed by means of a syndicated loan with Austria Creditanstalt as the lead manager.

The facility will be situated in Zistersdorf, 60 km north of Vienna, on a 10-hectare plot of land owned by FCC. It will be able to handle waste delivered to the facility by railway and road transport and will generate a net amount of 12.8 MW of electric energy, equivalent to 99,450 MWh/year, sufficient for supplying power to a city with more than 30,000 housing units.

The turnkey construction agreement was awarded to Von Roll Inova, which will also use the FCC subsidiary Alpine Mayreder as the construction company. The engineering firm, Inerta, an ASA subsidiary, will be responsible for supervising the project. The new plant is expected to start operations in June 2009.

Thanks to agreements with third parties and certain subsidiaries, which must incinerate their waste to comply with current law, ASA has already guaranteed the plant's total capacity.

With this transaction, ASA becomes one the major players in the Austrian waste incineration segment. FCC is already the leader in waste incineration in the United Kingdom though its British subsidiary WRG.

## The ASA acquisition

At the end of 2005, FCC acquired ASA from the French electric utility EDF for 224 million euros, with FCC assuming ASA's 51 million euro of ASA's net debt.

ASA, with its headquarters in Himberg, near Vienna, is a leader in comprehensive waste management and treatment services, including



Left, Zistersdorf, a city surrounded by vineyards. Above, an ASA-owned vehicle.

## Total investment reaches 100 million euros

waste collection, transport, disposal, dump sites, classification and recycling for municipal, commercial, industrial, and private clients in this regions.

The company operates in Austria, the Czech Republic, Slovakia, Hungary, Poland and Romania. Its plans for expanding to Slovenia, Croatia, Bulgaria, and Serbia at are a very advanced stage.

ASA manages 20 controlled dumping sites with an available capacity of 21.9 million cubic metres. It handles 1.5 million tons of waste per annum, providing services to 2.5 million inhabitants, and provides services to an additional 54,000 commercial and industrial clients.

### Acquisition of AlpineMayreder

In July 2006, FCC acquired Alpine Mayreder, the second largest Austrian construction company,

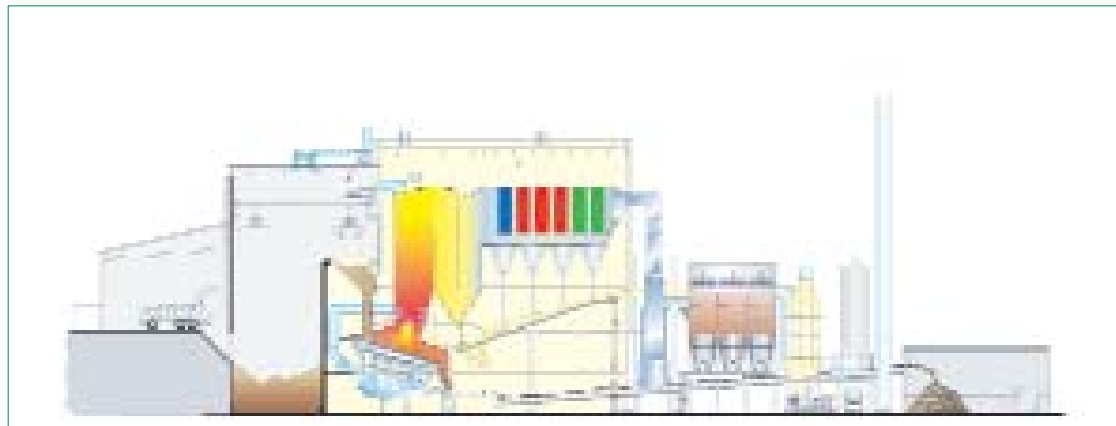
with sales of approximately 2.2 billion euros. At the end of 2006, a consortium led by Alpine Mayreder won the largest project put out to tender in Austria, including the project, financing, construction, and 30-year concession for the first concession highway in this country.

The project is worth an investment of roughly 945 million euros, all of which will be privately financed. The project for the Y-shaped, 51 km long highway contemplates the execution of a partial stretch of the A5 from Vienna to the Czech Republic, between the cities of Eibesbrunn and Schrick, as well as the expansion of Vienna's north ringroad, from which the fast roads, the S1 and S2, will branch out.

ASA and Alpine serve as a springboard, enabling FCC to diversify in Eastern Europe, a region offering enormous growth potential over the coming years.

## Characteristics

- Will be built on a 10-hectare plot of land owned by the company.
- Capacity for handling 130,000 metric tons of residential, commercial, and industrial non-hazardous waste.
- To incorporate Von Roll's grate block furnace technology.
- Capacity for generating a net amount of 12.8 MW electric energy, equivalent to 99,450 MWh/year, sufficient for supplying a city with more than 30,000 homes.
- The plant will be able to receive 205,000 tons of waste delivered by railway or road transport.



Sweeper truck for cleaning streets in Brno, the second-largest city in the Czech Republic.



The main street in Zistersdorf, 60 miles northeast of Vienna. Below, on the left, outline of the waste incinerator project to built by FCC in this city.

# Flightcare begins operating its new handling licenses in Spain

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**The FCC subsidiary, Flightcare, was awarded 7-year operating licenses for providing handling services at seven Spanish airports**

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Flightcare, a FCC subsidiary with 12 years' experience in the handling business in Spain, is successfully starting up at the seven Spanish airports for which it was awarded 7-year operating licences. On 23 February, began to provide services at Barcelona airport, where it will have over 30% of the market, handling 40,000 flights per year. The company has a 35% market share at Alicante airport, where it has been operating since 21 February, when it also began providing cargo handling services.

Valencia airport was the first base to be inaugurated (14 December 2006) and, after the good track record of the last few months, Flightcare now has over 55% of the market. On 15 February, Flightcare began operating at Jerez airport, where it handles 55% of flights.

It began to provide services in Almería on 27 February, in Malaga on 2 March, and in Fuerteventura (Canary Islands) on 8 March. The percentage market share of these three airports, with respect to the free-market airports in the Spanish network, is 35%, 52%, and 54%, respectively.

Flightcare expects to handle over 110,000 flights per year at these seven airports, where it has a portfolio of over 90 clients and expects obtain revenues of 100 million euro with the support of a 1,700-strong team of experienced staff.

## Leading cargo handling operator in Spain

The company already provides cargo-handling services at Madrid, Barcelona, Malaga, Alicante, Valencia, Bilbao, Lanzarote, Fuerteventura, Almería and Jerez airports and is Spain's leading independent cargo operator.

In addition to these Spanish airports, Flightcare provides handling services in Belgium (Brussels, Ostend and Liege) and Italy (Rome Fiumicino and Ciampino).

Flightcare will obtain 300 million euro in revenues in 2007, a 90% increase y/y, continuing with the strategy of rapid growth that has characterised it since its foundation.



# Ámbito involved in cleaning operations in the Bay of Algeciras

**The FCC subsidiary, specialising in industrial waste treatment, is removing and treating sand, dirt, and stones in the beaches which have been impregnated with fuel from the areas affected by the oil spill from the Sierra-Nava refrigerated cargo ship.**

On 28 January, the Sierra-Nava refrigerated cargo ship ran aground after colliding with rocks at Punta de San García in Algeciras due to the strong wind storm. The impact of the rocks on the ship's structure damaged one of the fuel deposits, provoking an oil spill that reached the adjacent Getares and Chinarral beaches.

From the first day, the FCC Group, through Gamasur, an Ámbito subsidiary, has been cooperating with public companies responsible for cleaning operations in the Bay of Algeciras.

Gamasur, specialising in industrial waste treatment, is processing all the residues in this area, and is supplying containers, transport, excavation and loading services, and support, among other services.

The plant has treated 3,000 tons of waste removed from the beach sand, surrounding areas, and stones which were impregnated with fuel.

Ámbito treats each type of residue according to the analytical results supplied by the laboratory at its facilities in order to determine fuel-recovery possibilities. Subsequently, contaminated sand with a 2 to 4% percentage of fuel

concentration is stabilised by adding calcium oxide in a concentration of no more than 2% to reduce traces of any organic material.

Fifteen percent of fuel residue mixed with water or other elements was recovered, after these elements were separated, and the remaining residue was stabilised and eliminated in the forced evaporation line.

**3,000 metric tons of fuel-impregnated residues have been treated**

Fuel-impregnated materials reaching the plant were grinded and, depending on their physical state, subjected to different treatments.

After emergency operations have been concluded, Ámbito will thoroughly clean the area using specific machinery and equipment, such as mechanical and manual hot-water hydrocleaners, performing these tasks until the beach has been totally recovered.



A cleaning brigade operates in the area affected by the fuel spill.



# Aqualia and Rey Juan Carlos University publish the book, “El agua en tus manos”

The book, the result of a collaboration agreement between both entities, is a collection of excellent articles describing the comprehensive water cycle and the challenges that must be met by those involved in water management.

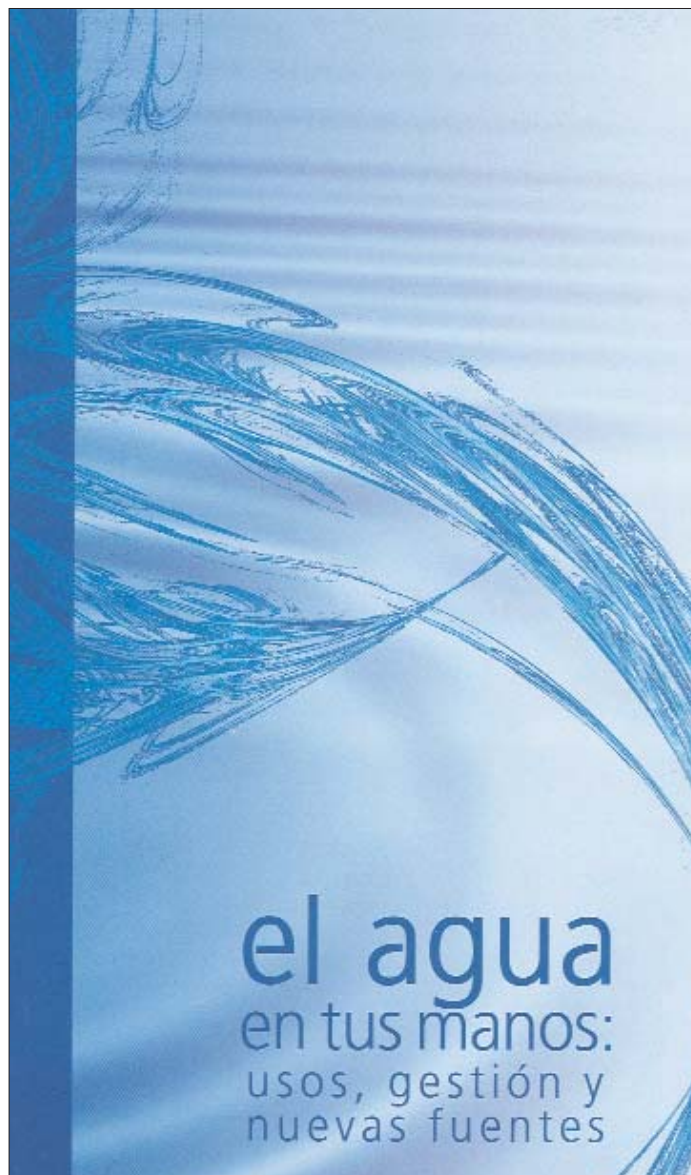
Aqualia and the Rey Juan Carlos University (URJC) have recently published the book “Water in your hands, usages, management and new sources”. The book is the result of a collaboration agreement between both entities. This agreement contemplates several activities, including summer courses organized by the URJC Foundation in Aranjuez (Madrid):

The book is a recompilation of the contents of last year’s summer courses at the University on “Water and the environment in Spain: Problems, modelling, and management” and includes other articles written by experts in this field.

Pedro González-Trevijano, the dean of the Rey Juan Carlos University, and author of several books and publications, wrote the prologue, while Fernando Moreno, the General Manager of Aqualia made the presentation.

## An extraordinary work

The work includes several excellent articles dealing with the comprehensive water cycle. Each author, from the perspective of his speciality, describe the challenges that must be met by those involved in the comprehensive water management field stemming from the changes taking place in Spanish society. José Antonio Monterrubio, professor of administrative law and dean of Legal Studies at the Rey Juan Carlos University, has a chapter on the water resources in the public domain; Ángel Cajigas, general manager of the Technological Association for Water Treatment, analysis the most efficient source of water and discusses



**Analyses the problems affecting one of the most important resources: water**

new water sources. The subject of another chapter, written by Andrés del Campo, president of the Federation of Irrigation Union Groups, is irrigation within the framework of globalised agriculture and its application for

achieving sustainable development. Ángel Sampedro Rodríguez, associate professor at the Alfonso X El Sabio University and technical director of Ancade, wrote a chapter on urban water management in Spain, stressing the key problems and challenges currently faced by those involved in this field.

Francisco Cubillo, deputy-director of the R + D + i department of Canal de Isabel II, is responsible for a chapter on water management under extreme circumstances, such as drought in an urban environment. The chapter written by Daniel V. Fernández Pérez, technical manager of The Bilbao/Bizkaia Water Consortium, discusses an example of the consequences of contamination and the need for addressing the environmental imbalances that it causes and recovering natural surroundings.

The team comprising Regino Criado, professor of applied mathematics at URJC and Benito Hernández and Miguel Romance, both professors at URJC, wrote the last chapter on mathematical models and applications for water and environmental management. Those participating in this publication and representing Aqualia, were: Enrique Hernández, director of Management Services, who discusses desalination from a municipal perspective; Mariano Blanco, director of International Clients, who wrote on the most pressing technological and economic problems affecting water management in Spain; and, Juan Pablo Merino, Marketing Manager, who wrote an interesting article on marketing as a catalyst for change in water management companies.



## The Mayor of Santander inaugurates Aqualia's customer-care centre



Top, from left to right: Gonzalo Piñeiro, the mayor of Santander; Íñigo de la Serna, secretary of the Environment; Santiago Lafuente, Director of Aqualia's North Zone; and, Fernando Moreno, Aqualia's General Manager. Above these lines: the mayor of Santander who gave the closing speech and stressed Aqualia's commitment to the city.

The Santander City Council and Aqualia inaugurated the new Municipal Water Service offices in a ceremony presided by Gonzalo Piñeiro, the city's mayor, and Íñigo de la Serna, the city's secretary of the environment.

Several Aqualia representatives were present in this event including Fernando Moreno, the General Manager, and Santiago Lafuente, the Manager for the North Zone, who described the main milestones in the city since Aqualia took over water management responsibilities, showing ongoing concern for the welfare of its clients and for constant improvement of services provided.

The secretary of the environment in the Santander City Council participated in this event, discussing the current and future projects jointly developed by the local authorities and Aqualia aimed at upgrading existing water infrastructures and incorporating the most advanced technology.

Aqualia has invested 387,000 euros in this project. This amount was spent on eliminating architectural barriers, designing an office with multi-purpose differentiated spaces, launching a personalised

customer-care service, implementing an electronic system broken down into different shifts, and new channels for expediting and facilitating procedures.

The mayor of Santander, Gonzalo Piñeiro, gave the closing speech, expressing his appreciation to Aqualia for fulfilling most of its commitments in just ten months. The City Council had awarded Aqualia the 25-year water management concession in March 2006.

In April of the same year, the FCC subsidiary, specialising in comprehensive water management, began its activities aimed at launching an investment plan for projects and upgrades that will be executed throughout 2007-2008. Estimated investment is 12.6 million euro, earmarked for technology, building awareness among the population, the environment, optimising water quality, and building new infrastructures in various districts.

Those participating in this event stressed the importance of the project aimed at constantly improving the city's water service, ensuring innovative supply, optimal service quality, and the utmost respect for the environment.

# Technical expertise of Aqualia's laboratories certified

The cities of Ávila, Jerez de la Frontera, Lleida, and Oviedo have the first water analysis laboratories certified by ENAC according to UNE-EN-ISO 17025 standards.

Aqualia's water analysis laboratories in Avila, Jerez de la Frontera, Lleida, and Oviedo are the first to be certified by ENAC (Entidad Nacional de Acreditación – National Certification Entity, in Spanish) according to UNE-EN ISO 17025 standard, thanks to the company's efforts and investments aimed at making its laboratories fully reliable in terms of analysis results.

The company voluntarily took the necessary steps to obtain certification, thanks to which, laboratories will be able to perform a larger number of analysis, complying with R.D. 140/2003 requisites stipulating that laboratories that take over 5,000 samples per annum, should have UNE-EN ISO/IEC 17025 certification.

This certification will also enable laboratories to provide analysis services to outside clients, thereby becoming a new separate business unit within the company.

This is a milestone for Aqualia that will redound in considerable benefits for the company and its clients, and is a result of the joint efforts of the company's technical and quality departments in the four

laboratories awarded certification.

Certification is a seal of quality, confirming a laboratory's technical competency and its ability to provide suitable services when performing physio-chemical and microbiological tests of continental shelf and water for human consumption.

In addition, all Aqualia laboratories have been awarded UNE-EN ISO 9001 certification, ensuring the maximum water quality pursuant to current legal requirements.

This standard defines the general requisites with respect to the technical competency of laboratories.

It guarantees the reliability and international recognition of calibration, tests, inspections, and certifications to bolster company's competitive capabilities.

The certifications awarded to its laboratories are yet another example of Aqualia's commitment to efficient service, water supply of an optimal quality, and its responsibility towards the environment.



Certification is a seal of quality, confirming a laboratory's technical competency and its ability to provide suitable services when performing physio-chemical and microbiological tests of continental shelf and water for human consumption



## Benefits

- The labs will be able to perform a greater number of analysis in compliance with R.D. 140/2003 requisites: "Laboratories performing more than 5,000 tests per annum must have UNE-EN ISO/IEC 17025 certification".
- It will be possible for the labs to provide services to external clients, thereby becoming a separate business unit within the company.

## Values

- Technical competency of personnel.
- Traceability of measures against national and international standards.
- Validated calibration and test processes.
- Suitable equipment properly calibrated and maintained.
- Appropriate installations.
- Procedures to ensure the quality and reliability of test results.

# CTSA will manage urban transport in Rubí

**Corporación Española de Transportes S.A. (CTSA) wins 10-year contract for urban transport management in Rubí, a town with a population of 70,000 in the Barcelona metropolitan area.**

The local administration of Rubí (Barcelona) awards Corporación Española de Transportes, S.A. (CTSA) a 10-year urban transport management contract.

CTSA is the company through which the FCC and Connex groups operate in Spain in the public road transport and railway segment. The company has a fleet of 10 buses, two

microbuses, and a support van covering the 775,000 km contemplated in the contract to provide services to 1.62 million passengers per year. CTSA will build two new facilities in Rubí to be used as a bus depot, workshop, and for refuelling. Until these new installations start operations, CTSA will use its facilities in Terrasa, a neighbouring city where CTSA also has an urban transport contract. This new network bolsters CTSA's leadership positioning in the urban transport sector, providing services in more cities than any other company in this sector.

In Cataluña, Corporación Española de Transporte Urbano, S.A., was awarded urban transport contracts in Terrasa and Mataró many years ago. In addition, the FCC transport group participates in the concession for two tram lines in Barcelona, where it is in charge of operations and maintenance.

## Long-term contract

In public road transport, CTSA operates the Madrid-Almería bus route as well as the short and long-haul lines along the Costa del Sol. It provides urban transport services in Mataró, Terrasa, Avila, Talavera de la Reina, Sanlúcar de Barrameda, Jerez de la Frontera, Marbella, Estepona, Torremolinos, and Vila Real (Portugal). The urban transport concession in Benalmádena and the tourist buses were incorporated in 2006.

In 2006, the city councils of Jerez de la Frontera and Sanlúcar de Barrameda gave CTSA their vote of confidence in the company's track-record over the past few years by renewing several urban transport concessions.

The contract for the internal Malaga airport (AENA) bus route was also extended. This service includes the transfer of passengers from the parking facilities to the airport terminal.

Throughout 2006, 370 CTSA buses travelled over 27 million km, providing services to over 48 million passengers.

CTSA will have a fleet of 10 regular buses and 2 microbuses to cover 775,000 km, providing transport services to 1.62 million passengers every year.





## FCC Medio Ambiente holds its Fourth Technical Seminar on Environment

Guillermo de Cal, the Manager of the FCC Environment delegation in Galicia gave the opening speech at the company's Sixth Technical Seminar held in Santiago de Compostela. The first part of the seminar consisted of a tour of the solid urban waste treatment facilities in Concello de Barbanza, which have been under FCC management since 2003. This was followed by the official presentation of 01 version of Gesplan, a new software application. This corporate tool used locally was developed in order to establish, within a common and standardise work framework, a process for assessing environmental performance in solid urban waste treatment and disposal plants.

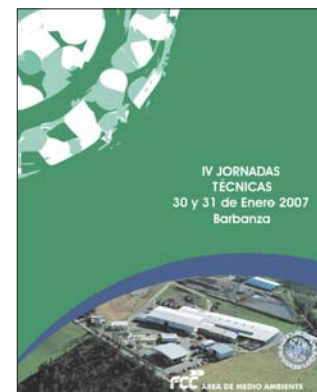
Implementation of this application, to be completed in June 2007, is one of the priority targets of ISO 14001-certified facilities, which are part of the production processes where eco-efficiency objectives will be applied with respect to the reduction of water and energy consumption and waste generation in accordance with FCC Group's Corporate Responsibility Director Plan.

The different presentations in the seminar enabled

the professionals attending this event to exchange experiences in this field, such as with respect to the container selection lines. The participants analysed the incidence and economic, social, and environmental repercussions resulting of last-generation technology modifications and adaptations introduced in the facilities, such as, the selection of containers using ballistic separation or optical detection systems. In addition, there was a presentation of the operational valuations of leachate evaporation plants as well as the conclusions and recommendations following the conclusion of the Environmental Monitoring Plan, implemented in the compost plants since 2002.

The results of trials carried out to assess the energy potential of waste products from the biological mechanical treatment of urban solid waste were also discussed in terms of their possible thermal recovery for its use as waste-derived fuels.

FCC Environment handed out all who attended the seminar a CD with the presentations, which are also available in the FCC INNOVA website.



The first activity in this seminar was a visit to the Barbanza urban solid waste treatment plant.

## CPV Chairman meets with Tunisia's Minister of Industry

**The management team of Spain's largest cement group takes advantage of visit to Enfidha plant to get first-hand information on the Tunisian government's infrastructure program.**

José Ignacio Martínez-Ynzenga, CEO of Cementos Portland Valderrivas, met with Afif Chelbi, the Tunisian Minister of Industry, Energy, and Small and Medium Enterprises, during visit made to the Enfidha facilities by the management team of Spain's leading cement group.

In his meeting with the Spanish executives, the Tunisian official described the potential for cement demand growth in this North African country, boosted by the major infrastructure and tourist projects underway and the Government's desire to move ahead with its price deregulation policies to attract new investments.

Enfidha, the Tunisian plant, has a production capacity of more than two million tons of cement and supplies 28% of the market. Uniland acquired this facility in the 1998 privatisation process of several cement plants in this country. As part of its expansion drive, the Portland Valderrivas group incorporated this Catalan cement company last year, consolidating its positioning as the leading Spanish Cement Group, and providing a direct gateway to the Mediterranean and a significant industrial presence in Tunisia, Argentina, and Uruguay.

Investments totalling 120 million were spent between 1998 and 2006 in revamping the Enfidha plant, mainly in environmental upgrades, the installation of a new clinker production line, a new coke grinder, and the enlargement of the bagging and pallet-racking lines.

Left, José Ignacio Martínez-Ynzenga, the CEO of Cementos Portland Valderrivas; on the right, the Tunisian Minister of Industry, Afif Chelbi.





## The U.S. Ambassador to Spain visits the El Alto factory

The U.S. Ambassador to Spain, Eduardo Aguirre, visited the new Cementos Portland Valderrivas factory in Morata de Tajuña, Madrid, last March. José Ignacio Martínez-Ynzenga, CEO of Cementos Portland Valderrivas accompanied the ambassador during his visit to these cement facilities where both discussed various aspects related to this sector. Marcelino Oreja and Fernando Falcó, members of the FCC Group Board of Directors also accompanied the ambassador. José Ignacio Martínez-Ynzenga made a presentation on the structure and activities of the leading Spanish cement Group, with sales of

1,466.5 million euros this past fiscal year.

Mr. Aguirre witnessed the controlled explosion at a quarry near the plant and was able to ascertain why this facility is considered the most energy-efficient in Europe. He also expressed his interest in the dry production line and the environmental control measures that have been implemented, specially the new prediction system for evaluating air quality, which is still in the testing phase, and will be used for determining the amount of emissions to the atmosphere over a specific period based on atmospheric condition forecasts.



Several images of the controlled explosion at the quarry next to the El Alto (Madrid) facilities during the visit made by the U.S. ambassador (on the right), who is shown with the CEO of CPV.

### **Factories**

Cementos Portland Valderrivas has 8 cement factories in Spain: El Alto (Madrid), Olazagutía (Navarre), Hontoria (Palencia), Alcalá de Guadaíra (Seville), Mataporquera (Santander), Lemona (Vizcaya), Monjos (Barcelona) and Valcarca (Barcelona). It also operates 3 cement factories in the U.S. (South Carolina, Pennsylvania, and Maine), 2 in Argentina, 1 in Uruguay, plus another one in Tunisia.

## ***FCC Medio Ambiente implements the 'Ecological Office' initiative***

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**FCC Medio Ambiente launched in 2001 several environmental, social, and economic initiatives in order to build up awareness among its employees and create a sustainable management model.**

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Since 2001, as part of its corporate social responsibility policies, FCC Medio Ambiente has been developing several environmental, social, and economic initiatives, known as “Ecological Office”. This initiative, implemented in its main offices, aims to promote awareness and the involvement of stakeholders, particularly employees, and underscores the company’s ongoing efforts and its commitment to a management model based on the principles of sustainable development.

At the end of 2006, it had been introduced in all the FCC Medio Ambiente offices throughout Spain and now counts on the collaboration of nearly 1,000 employees. It will be gradually rolled out in other work centres over the next two years. To date, the company has been involved in several programs, reaping considerable success thanks to its measures aimed at building environmental and social awareness as well as its communications strategy used to disseminate these values.

The FCC Group, using the corporate intranet and placing posters in shared areas, has communicated to its staff a Good Practices Guide that includes recommendations on reducing consumption and waste.

### **Environmental Actions**

Over 2.5 tons of containers have been recovered following the implementation of the selective waste collection services, 27% more than in 2005. It also recovered 31 tons of paper for its subsequent recycling plus two tons of hazardous waste (toners, printer cartridges, batteries, fluorescent lights, and obsolete electronic material).



In order to encourage the use of environmentally-friendly products, the company has also launched a program, “Green Shopping”, recommending that the company subcontracted by FCC for cleaning its facilities use only ecological products. Thanks to this initiative, 100% of cleaning products are biodegradable.

The company has also launched a policy aimed at reducing the consumption of natural resources. With respect to water, several regulation systems have been installed in cisterns and non-potable water deposits used for watering the green areas when the use of water is restricted. This has led to a 6% reduction in water consumption versus 2005.

## Promotes the commitment to Fair Trade principles

Regarding electric power, FCC Medio Ambiente has installed new software for the comprehensive management of air-conditioning systems and has installed several control devices in the fan-coils in offices and has replaced the old temperature control systems. It has also replaced 90% of conventional bulbs in offices with fluorescent energy-saving bulbs. Electricity consumption dropped 3% in comparison with 2004 while gas consumption fell 45%.

### Social Actions

FCC Medio Ambiente promotes “Fair Trade” and “Responsible Shopping” initiatives. It has replaced the coffee used in vending machines with coffee purchased in “Fair Trade” establishments. This has contributed to increasing revenue of the most disadvantaged farmers, who are now paid a reasonable price for the fruit of their labour. At the end of each year, FCC Medio Ambiente distributes a summary of the achievements and targets with respect to this initiative. The response of all employees has been very positive.

The Ecological Office initiative’s seal, reflecting the “For Sustainable Development” slogan, aims to communicate the company’s goal of encouraging and developing, in all the areas where it operates, a participative and responsible culture with respect to sustainable development.

### **Pioneers in Corporate Social Responsibility in the Services area**

The first sustainability report of FCC Medio Ambiente, pioneer among the Group’s service units, was published in 2006. Prior to this date, the Corporate Social Responsibility Committee had been created in to promote project lines supporting the area’s core objectives with regards to corporate social responsibility. This made it possible to draft the first sustainability progress report.



The “Ecological Office” initiative was implemented at the end of 2006 in the central offices of each FCC Medio Ambiente delegation in Spain. This initiative will gradually spread to other over the next two years.



Report prepared in accordance with GRI 2000 criteria (Global Reporting Initiative).

# Corporate Social Responsibility Director Plan is approved

The FCC Group Board of Directors has defined as one of its priorities the development of a corporate culture based on social responsibility and a vocation of being of service to the community. It has approved the FCC Corporate Social Responsibility Director Plan to promote a common platform to attain this objective.

In its meeting on 31 January, the FCC Board of Directors approved the FCC Corporate Social Responsibility Director Plan for the 2007-2008 period, drafted by the Corporate Responsibility Department and approved by FCC's Corporate Responsibility and Executive committees. This plan promotes a common working platform for corporate social responsibility at FCC and its various business units, stressing the execution of environmental and social policies aligned to the company's commitment to its stakeholders.

Among its objectives, the plan aims to develop a Ethical Code of Conduct to be applied in all business areas for its employees, partners, and clients, and to monitor its progress and extend this commitment to FCC Group's suppliers.

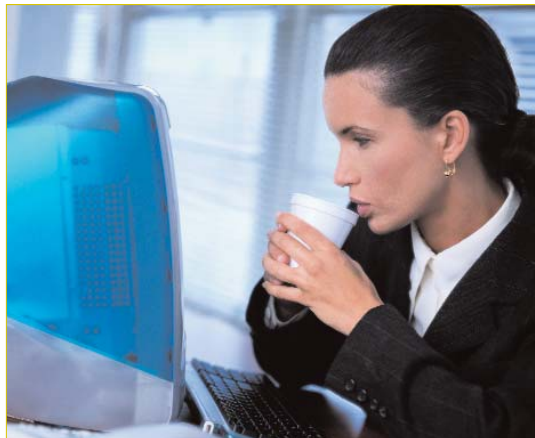
and contribute to defining a volunteer program for the company's staff in collaboration with the Human Resources Department. A reputation management and evaluation system will also be designed; the environmental impact of the workplace will be identified and measures will be implemented to reduce consumption of natural resources and waste management that encourages the recycling of materials.

## Communication and Social Works

One of the objectives of the Director Plan is to prepare the Group's annual Corporate Social Responsibility Report and encourage the publication of separate reports in each of the business areas. The project calls for a

### Strategic Lines

- Good** governance.
- Attracting** and retaining talent.
- Health** and safety at the work place.
- Fight** against climate change.
- Eco-efficiency.**
- Dialogue** and cooperation with the community.



The Director Plan also contemplates several initiatives and measures that will be implemented through awareness-building, cooperation, integration, and sustainability projects, including a plan to promote career development among FCC employees, diversity and equal opportunities. It also aims to support

communication plan to be established in collaboration with FCC's Information Directorate, in order to define the information to be shared and the mass media to be contacted for these purposes. It also includes a social works plan in collaboration with the Sponsorship Committee.

## FCC makes its website available to those with physical disabilities

FCC has adapted its website for those with any type of physical disability, making the contents accessible and enabling surfing using a combination of keys without it being necessary to use the mouse.

The disabled not only have the right to access, on equal terms, the goods and services that the company makes available to the public; this group is a key stakeholder which no company, such as FCC, should neglect.

The new website has an AA accessibility rating, as certified by Technosite after this entity conducted an

### Complies with the WAI guidelines

audit and in compliance with international accessibility standards.

The goal is for FCC and its clients to offer products and services contemplating the needs of over three million disabled in Spain and those in the rest of the world.

Perfect website accessibility implies, among other matters, a clear structure for those who are able to read all its contents as well as those who access the website through a screen scanner: font sizes that can be increased or reduced, and the use of HTML and CSS codes adapted to formal grammar for proper viewing of contents using different browsers.

The website has been designed and programmed in accordance with WAI (Web Accessibility Initiative, [www.w3.org/wai](http://www.w3.org/wai)) standards, which define international guidelines to be applied for creating universally accessible web contents.



The new website has an AA accessibility rating



*Investing in the future  
Since day one*



[www.fcc.es](http://www.fcc.es)

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