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### The new Guía de Isora desalination plant awarded to **FCC**

The facility has a budget of 16 million euro



The Canary Island government has given the consortium made up of FCC Construcción, Aqualia Infraestructuras and a local firm the contract to draft the design for and build a seawater desalination plant west of Tenerife, inside the municipal limits of Guía de

Seawater desalination plant

Isora. The project, which also includes pre-commissioning work, has a budget of nearly 16 million euro.

This plant will be rated for a capacity of 14,000 cubic metres of water a day and will increase its production in phase two to 21,000 cubic metres. The water it produces will be for the towns of Guía de Isora and Santiago del Teide. The plant design includes deep seawater intake shafts, chemical and physical pretreatment, three reverse osmosis lines, brine discharge through an outlet with an overland section and an underwater section and power supply lines from the Guía de Isora substation.

### FCC signs a contract for a motorway concession in **Slovakia**

#### The section at issue is 25 kilometres long

The Slovak government and a consortium made up of FCC Construcción, Alpine Bau GmbH, Hochtief PPP Solutions GmbH and Western Carpathian Motorway Investors Company signed the concession agreement for a section of Motorway D1 on 22 January 2010.

Motorway D1 is the main Slovak transport corridor across the country, and it links Slovakia to Austria and Ukraine. The 25-kilometre-long awarded section consists of several stretches of road running between the cities of Hricovské Podhradie and Dubná Skala, in northern Slovakia, and in the vicinity of the city of Zilina. Financing is anticipated to be closed in the next few months.

The contract includes the construction the foremost of which is Visnove Tunnel, of the new 25-kilometre-long section, with six kilometres of junctions, 7.6 kilometres of bridges and three tunnels having a total length of 10.6 kilometres,

worth 1,990 million euro. The contract also calls for 30 year's maintenance.



- Connection between the Abrera and Cardedeu drinking-water treatment plants, for 18.7 million euro, for the Ter-Llobregat Water Department
- 1,000 builder-developed homes in a total of four courses of development, in the Nuevo Tres Cantos sector in Madrid, worth 69.2 million euro.
- Viaduct on the new north access to Seville, worth 26.3 million euro, for GIASA, in a joint venture with another firm.

### **Finished projects**

### Line 9 runs its first train in Santa Coloma de Gramenet

The first 3.9-kilometre-long section is commissioned



The President of the Catalonian Government, José Montilla, accompanied by the head of the Office of the Vice President of Catalonia, Josep Lluis Carod-Rovira, the head of the Catalonian Department of the Interior, Joan Saura, the head of the Catalonian Territorial Policy Department, Joaquim Nadal, Mayor Núria Parlón Santa of Coloma de Gramenet and Barcelona Mayor Jordi Hereu, started the trains rolling on the first section of Line 9 of the Barcelona Metro. The section, part of the branch that runs through Santa Coloma de Gramenet, is 3.9 kilometres long and has five stations, between Can Zam and Can Peixauet. This new section will accommodate close to 20,000 people a day by late 2010, with the figure rising to over 31,000 by the time the line is complete.

All along the line, trains will be equipped with an automatic driving system of a sort that is heavily used in different

Catalonia President José Montilla at the opening ceremony

cities of the world and is considered to give public transport extra flexibility, punctuality, safety and efficiency. The automatic closing of platforms in synchronisation with the train's doors is another factor that sets this line apart from conventional underground systems, which considerably improves the line's running.

## Costa Rican President Óscar Arias opens the Autopista del Sol

The motorway required an investment of 360 million dollars



On 27 January last, President Óscar Arias opened the Autopista del Sol between San José and Caldera. This 77-kilometre-long motorway has been commissioned five months ahead of schedule and has required an investment of 360 million dollars.

The Autopista del Sol, which forms part of an ambitious plan of concessions promoted by the Costa Rican government, will be managed for the next 23 years by a consortium partnering Globalvía Infraestructuras with Sacyr Concesiones in a toll arrangement.

This infrastructure makes for a considerable improvement on the system of roads that includes the Costanera Sur, the Interamericana Sur and the San José to San Ramón motorway, the second of the projects that the Costa Rican government will be managing through a concession, in which FCC is also taking part through Globalvía.



## Alpine to build a railway tunnel in the German city of Karlsruhe

The contract is worth 310 million euro



ALPINE, FCC's Austrian subsidiary, is to build an urban railway tunnel worth 310 million euro in the German city of Karlsruhe. Notice of the contract award was given today by Karlsruher Schieneninfrastruktur-Gesellschaft (KASIG), a firm owned by the city of Karlsruhe.

Karlsruhe is implementing a future-oriented plan called the "combined solution" for the city railway tunnel, which will relieve traffic pressure in the city centre and improve citizens' quality of life.

ALPINE is to design the project, build roads and tunnels, do the sanitation work, install the underground pipe system and perform special underground engineering work. It will also be responsible for the construction of the underground stations and the tunnel accesses. The Karlsruhe project is a real challenge in which, in addition to the tunnel construction work, it will be necessary to replace roughly 35 kilometres of affected supply lines. The project is scheduled to be finished in 2016.

### Inauguration of Santander Archives and Library

Both facilities are located in a former tobacco warehouse



The central space

Culture Minister Ángeles González Sinde, accompanied by the President of the Cantabrian regional government, Miguel Ángel Revilla, and other authorities, cut



the ribbon on the new home of the Provincial and Regional Historic Archives of Cantabria and the Public Library of the State and Central Public Library of Cantabria on 16 December 2009.

The facilities occupy an old tobacco warehouse, which was originally divided into eight main industrial spaces with five secondary spaces. The lot has an area of approximately 13,000 square metres.

Because of the desire to preserve the old building, the completely independent premises of the Archive and the Library share this single shell, separated from one another by a vast central space that has been turned into a roofed public square. The Library occupies the seaward-looking eastern zone, and it is split into two storeys having a total floor area of 8,521 square metres. The Archive is situated in the western zone and has three storeys, with a total floor area of 11,950 square metres.

### The President of Valencia visits Castellón Airport

The visit took place on 11 February 2010



On 11 February last, Valencian President Francisco Camps, accompanied by the president of the Castellón Council and president of Aerocas, Carlos Fabra, visited the facilities at Castellón Airport, which was built by FCC.

The Valencian President affirmed during his visit that the airport opens a new gateway to the world that will usher in prosperity, jobs, investments, new businesses and fresh expectations for the province.

Castellón Airport is designed to handle 1,500,000 passengers per year, and it is equipped with an ILS navaid system. The runway is 60 metres wide and 2,700 metres long, with the possibility of extension to 4,000 metres.

accommodate eight type-D aircrafts, while the passenger terminal, which is

The 68,000-m<sup>2</sup> parking apron can a two-storey, 9,000-m<sup>2</sup> building, has twelve check-in desks, four boarding gates and two baggage carousels.



Valencian President Francisco Camps during his tour of Castellón Airport

### Visit to the site of the New Despeñaperros Roadways

The total investment is more than 226 million euro



Secretaries of State Víctor Morlán and Gaspar Zarrías during the tour of the site

On 5 February last, the Secretary of State for Planning and Infrastructure, Víctor Morlán, and the Secretary of State for Territorial Cooperation, Gaspar Zarrías, visited the site of the New Despeñaperros Roadways, which FCC is building. During their visit they saw that work is proceeding at a good pace.

The project, in which a total of more than 226 million euro will be invested, includes a double roadway with three lanes in each direction to be built on the 9.4kilometre-long Despeñaperros Pass relief road, between the localities of Santa Elena and Venta de Cárdenas.

Practically the entire layout runs through mountainous terrain inside Despeñape-

rros Natural Park. These two circumstances (difficult terrain and the park) mean that the layout of the new roadway consists of a string of viaducts and tunnels. Together the two roadways feature a total of 12 viaducts ranging in length between 156 and 580 metres and five tunnels dug from the inside out, from 197 to 1,850 metres in length.



Construction work at one of the viaducts

## First stone laid at Torrejón Hospital

The hospital will provide care for a population of 134,000



Infographics on Torrejón Hospital

On 12 February last President Esperanza Aguirre of the Community of Madrid laid the first stone at Torrejón de Ardoz Hospital, which will eventually be raised on a 62,000-square metre-lot in what is known as the "Soto de Henares" area. The building, which FCC Construcción will be constructing in a joint venture, will consist of three storeys above ground for hospital and office use and two basement storeys for parking and building systems.

The hospital will be equipped with 221 double rooms for single use in hospitalisation, 47 outpatient clinic rooms, six delivery rooms and ten operating rooms. The new centre will provide health coverage for the inhabitants of Torrejón de Ardoz and several other neighbouring towns, a total population of around 134,000.

The initial investment earmarked for starting up the hospital is nearly 121

million euro. The centre incorporates criteria of sustainability, which means it uses renewable energy and bioclimatic architecture. It will also have electronic clinical records and digital radiography.



Madrid President Esperanza Aguirre at the cornerstone-laying ceremony

## The Esther Koplowitz Foundation receives the medal of the Consell Valencià de Cultura

#### In recognition of the Foundation's donation of two homes for the disabled

The Consell Valencià de Cultura has given the Institution's Medal to the Esther Koplowitz Foundation today for its donation of two homes for mentally and physically disabled adults to the city of Valencia and the Foundation's valuable support for scientific research. The award was delivered to the Foundation by the president of the Consell, distinguished scientist Santiago Grisolía.

Foundation Vice President Andrés del Río received the medal on behalf of Esther Koplowitz as her daughters, Esther, Alicia and Carmen, looked on. Esther Koplowitz, who was unable to attend the ceremony, sent her thanks and warmest regards to maestro Santiago Grisolía.

The event was attended by various local authorities and Valencian cultural, economic, scientific and institutional personalities, including Valencia Mayor Rita Barberá, the president of the Royal Academy of Moral and Political Science, Marcelino Oreja, and the president of the FCC Foundation, Rafael Montes.

Through her foundation, Esther Koplowitz has donated two homes for physically and mentally disabled adults to the city of Valencia. The first home, La Nostra Casa, was delivered in 2004 into the City Council's management, and it is equipped with the latest in treatments and therapy for caring for severely physically or intellectually handicapped adults. It has the capacity for 60 fulltime residents and 40 recipients of day care. The second, which is currently under development, will be able to handle twice that number of people.

## FCC cooperates with Cantabria University on the IDEaS Programme

#### FCC taught "Standardised management systems"

Throughout the third week of the month of February, several professionals from FCC Construcción have been teaching a 30-hour class, "Standardised management systems", in Santander to students of Cantabria University's School

of Civil Engineering and School of Associate Engineering of Public Works.

The IDEaS Programme ("IDEaS" stands in Spanish for "Integration of Companies from the Construction Sector in



This project, which has had the support and cooperation of FCC Construcción since its start, helps offer university students two different ways of looking at things, beyond the mere theoretical plane: Students gain an overall view, acquainting themselves with the business sphere, and they get in touch with professionals who work in the sector, thus making it easier for the students to find a job in future.



School of Civil Engineering in Santander

### Prize for ARQUA, the Underwater Archaeology Museum in Cartagena

Built by FCC and designed by architect Guillermo Vázquez Consuegra



Close-up of the façades

ARQUA, the Underwater Archaeology Museum in Cartagena, took home a prize from the 15th Architecture Prizes of the Region of Murcia.

The prizes, jointly promoted by the Department of Public Works and Transport of the Region of Murcia and the Official Professional Association of Architects of Murcia, provide recognition for the professional work of architects and the quality of the spaces they create as the stage where human relations take place.

The museum, built by FCC and designed by architect Guillermo Vázquez Consuegra, is an example of a well-conceived, well-carried-out project for the administration, preservation, research and display of the underwater archaeological heritage.

ARQUA, a European pacesetter in the ranks of marine archaeology museums, has a total floor area of 6,000 square metres housing more than a thousand underwater pieces of the Spanish subaquatic cultural heritage. It is outfitted with the latest interactive video and display technology to enable visitors to get a real feeling for the museum's absorbing contents and the environment they come from.



Aerial view of the museum

### A pink dress for Constance

Diana Valcárcel, who worked with FCC Construcción in the past, currently communication project coordinator with UNICEF España. On 17 February 2010 she wrote these notes, which we print here because of their great human interest.



On our first day in Port-au-Prince, we have gone out with the UNICEF nutrition team to visit several baby tents. These tents are run by ACF (Action Contre la Faim) with UNICEF support. In them, mothers breastfeed their babies in a calm atmosphere. Apart from this, they can receive psychological support and nutritional advice. Their children get to play.

"I was worried because my daughter wasn't eating; that is why I came here", says Anite Dorleyan, a 32 year old mother. Her 11 month old baby girl, Constance stares at me with big brown eyes. "In the earthquake I have lost my husband, my mother and my niece. I have also lost my house. I now live in a tent".

Today is Anite's first day in this tent in Champs de Mars. With a mix of trepidation and curiosity she watches as staff weight Constance. 6,6 kilograms, they tell her - or about 3 kilos less than her ideal weight. Anite says she will be coming every day Diana Valcárcel in Hait

until Constance gets better. When the medical consultation is finished, Anite starts dressing Constance with a pretty pink dress. The baby looks even more beautiful.

I speak with one UNICEF's nutritionists and she says that there are 10 to 15 more possibilities that the children die if they are not breastfed. In emergencies, breastfeeding is critical. In the first days after the earthquake the mothers stopped breastfeeding their children because they had to look for shelter and food. With the baby tents initiative, UNICEF and their partners try to encourage mothers to restart.

"I think a new Haiti will be built. This is my dream. But it mustn't take too long. We need this in the short term". Jean Thomas Tias, 26 year old father has brought her daughter Dania Tias, ill of diarrhea. He studies economics at the Faculté des Hautes Études, in Port-au-Prince, and is due to finish in two years' time. "I am looking for a job, I have sent my CV to several companies".

After our first visit, we moved to the national stadium of Port-au-Prince, called Sylvio Cator. The stadium has been converted into a big settlement where thousands of people have their new home. Near the baby tent I met Sharleen Cedant, a 17 year old girl that asks me where could she leave her baby. She says she can't take care of him. Since the earthquake she sleeps in a bench in Champ de Mars and spends the day in the stadium. "No one wants to share their things with me", says Sharleen.

On our way back to the base we can see the terrible level of destruction that the earthquake has caused. Although, I am impressed by the level of activity in the streets. Many buildings are completely destroyed. In some of them we have seen their owners trying to find their things. I see a couple that walk out of the rubble with two bags. It's probably all they have left. We continue our way, but the UNICEF driver wants to show us how his house was destroyed. "I have lost three of my children. One of them was my only daughter, she was 22". I remember I have heard about this man and his misfortune when I was in my office in Madrid, but now I was in front of him, in front of the house he used to have, now turned into rubble.

After this there is a big silence in the car. We are returning to the Minustah base. "Mesi anpil", I say to myself. It means 'thank you very much' in creole. Yes, mesi anpil, it has been a beautiful day.