

Picture of the month



Construction of Traismauer Bridge over the Danube.

Contract Awards

- FCC to build and operate a hospital in Northern Ireland.
- FCC to build the new Hospital de la Línea in Cádiz for 53.6 million.

Other contract awards

- The station house for the Regional Mossos d'Esquadra Headquarters at Camp de Tarragona, for 14.1 million euro, for the Regional Government of Cataluña's Department of Land Policy and Public Works.
- The Ministry of the Economy and Finance (Barcelona Free Zone) has given FCC Construcción the contract for the outer walls of the Torre Diagonal Zero Zero building, for 10.9 million euro.

- Ramalho Rosa Cobetar has won the contract to remodel and enlarge two secondary schools for 10.6 million euro. One school is in the city of Braga, and the other is in Oporto.

- El Corte Inglés, S.A., has chosen Ibérica de Servicios y Obras, S.A. (I.S.O.), to build the concrete structure and do the plumbing and drainage work for the Hipercor Puerto Venecia shopping centre in Zaragoza.

Current events

- New show at LABoral: "Auto. Dream Plus Matter"
- SEOPAN wins "Best Stand" at Laboralia.

ALPINE

- ALPINE receives the SOLID prize

Finished projects

- Dual carriageway A-50 from Ávila to Salamanca. Section: Peñaranda de Bracamonte to Villar de Gallimazo.
- Combined Preschool Centre and Primary School in Vilassar de Dalt, Barcelona.



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- Students of the Linz School of Public Works visit the Barcelona Metro Line 9 construction site
- Family Plan: Thirty-seven beneficiaries in 2008

Events

- Belcaire pool site visit
- The Minister of Development visits Barcelona Airport's new Terminal T1
- Prime Minister Karamanlis visits the Athens Metro construction site

Employees

- FCC Construcción professionals abroad

FCC to build and operate a hospital in Northern Ireland

The investment comes to a total of 300 million euro.

This is the first concession of this sort ever to be won by a Spanish firm in the United Kingdom.



Infographics on the hospital.

The Western Health and Social Care Trust has signed the contract giving the Northern Ireland Health Group (a consortium in which FCC Construcción is a majority partner, with a 39% interest) the concession for the design, construction, financing and operation of a new hospital in Enniskillen, in southwestern Northern Ireland, UK. The project calls for an investment of 270 million pounds sterling (300 million euro).

Local firms Allied Irish Bank Plc, Interserve Investments and P. Elliott & Co. also belong to the consortium.

This is the first hospital in Northern Ireland to be set up as a partnership between the public sector and the private sector. It is part of a wide-sweeping investment programme aimed at improving infrastructure in Northern Ireland.

[More information](#)

FCC to build the new Hospital de la Línea in Cádiz for 53.6 million

The Andalucía Health Department has awarded FCC Construcción the 53.6-million-euro contract to build the new Hospital de La Línea, in Cádiz. The hospital will have an area of close to 32,000 m2 and will provide health care for more than 100,000 residents of Cádiz and surrounding communities.

Work is scheduled to be completed in 36 months. The new facility will be replacing the current hospital, and it will be located in the area known as "Ronda Norte", in Cádiz.

[More information](#)

Dual carriageway A-50 from Ávila to Salamanca. Section: Peñaranda de Bracamonte to Villar de Gallimazo



On 14 May 2009 the Ministry of Development and the national government's representative in Castilla y León, Miguel Alejo, accompanied by the assistant representatives of the national government in Ávila and Salamanca, César Martín and Jesús Málaga, respectively, cut the ribbon on the Peñaranda de Bracamonte/Villar de Gallimazo section of dual carriageway A-50 from Ávila to Salamanca, which was built by FCC Construcción, S.A.

General description of the job

The newly built section of dual carriageway lies between kilometre points 57.210 and 69.950 of the N-501 and is 12.74 kilometres long. The old two-lane stretch of road has been left intact, to do duty as a service road. The new section lies entirely within the province of Salamanca, and it crosses the municipalities of Cantaracillo, Peñaranda de Bracamonte, Aldeaseca de la Frontera and Villar de Gallimazo.

Two interchanges have been built. The first is located at the intersection of the A-50 with regional road CL-610, in the vicinity of Peñaranda de Bracamonte. The second is where the dual carriageway intersects with the two-lane road between N-501 and Villar de Gallimazo.

The trunk section consists of a 33-metre-wide platform holding two two-lane, 3.5-metre-wide roadways, two one-metre-wide inner verges, two 2.5-metre-wide outer verges,

one one-metre-wide outer berm for each roadway and a ten-metre-wide central reserve. The road's design speed is 120 kilometres/hour.

The following structures have been built:

- ▶ Twelve flyovers: Two interchange structures (one to reposition the N-501 and the other for road SA-801) and ten crossings over minor local roads.
- ▶ Three viaducts, over the Trabancos River, the Minine River and the Regamón River.
- ▶ Two undercrossings, one of them beneath the railroad line between Ávila and Salamanca.

This particular piece of work links the Northwest Dual Carriageway (section between Madrid and Villacastín) and the Villacastín-to-Ávila motorway with the Castilla Dual Carriageway and the Ruta de la Plata Dual Carriageway through Salamanca, thus helping improve land-based connections between the centre of the peninsula and Portugal through Salamanca.

Basic Information

Client: Ministry of Development

Current budget: € 32,591,506.18

Completion period: 36 months.

Site Team

Department head: José María Quintanilla García

Construction manager: Carlos Rozas Labrador

Production chiefs: Aurelio Rodríguez García, Alfredo Escobar Potenciano

Technical Office chief: Juan Carlos Arroyo Arroyo

Chief surveyor: Manuel Payo Santos

Security chief: Rafael Fernández Villa

Foremen: Alejandro Fernández Alvarez, Félix Arribas Casado y Olegario Martínez Rodríguez

Combined Preschool Centre and Primary School in Vilassar de Dalt, Barcelona



FCC has built a combined preschool centre and primary school in Vilassar de Dalt, in the district of El Maresme, Barcelona.

The building is in the shape of orthogonal bars. One area houses the primary school, and the other, the preschool area. The two areas have completely separate entrances, but they are connected internally.

The two-storey school has a floor area of 3,517.41 m². The site was excavated to a greater-than-normal depth to allow the building's ground floor to lie below street level. That way, only the top floor really protrudes, and building's volume does not have too great an impact on the landscape, which features the sea in the distance.

The building consists of one main bar-shaped volume with three other bars set at orthogonal angles to it. These three bars define the athletic grounds, which contain a football pitch, two basketball courts and two volleyball courts. The playground is bordered by a huge porch that leads to the gymnasium and locker rooms.

In the primary school zone, on the lower storey, are the administration area, the office of the local parent's association, the physical plant, four small group classrooms, the library and the dining hall. The upper storey holds the twelve primary school classrooms and the three home rooms. The preschool

area has got six classrooms, with one shared bathroom for every two classrooms, and, at the end of the hallway, the psychomotor therapy room. The roof juts out over these classrooms to shade the people inside from sun and rain.

The construction solution applied to this project is defined by the use of serial prefabricated components assembled at the site. This includes main beams and pillars made of precast concrete as well as the building's envelope, which is ventilated and features 14-millimetre-thick polymer concrete sheets.

Basic Information

Customer: Generalitat de Catalunya. G.I.S.A

Team

Department head: Enrique Fernández Cortines.

Construction manager: Lluís Ribera Juanmartí.

Production chief: Laura Centeno Navarro.

Quality technician: Alex Paterna Figuerola.

Foreman: Antonio Herrera Hernández.

ALPINE receives the SOLID Prize

In the national project category and earns recognition in the international project category



Peter Jungbauer, Franz Almeder, Johannes Horvath and Peter Preindl from ALPINE, and Karin Keglevich, company spokeswoman.

SOLID, the magazine that caters to the construction sector, has chosen ALPINE to receive its prize in the national category for ALPINE's Trismauer Danube Bridge project. The project was highly complex, because the entire job had to be done from a ship, to solve the problem posed by high tide. The concrete piers were made on the shores of the Danube and floated into position, to keep from hampering traffic on the river during the bridge's construction.

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

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



Neurath Power Plant.



Construction of Trismauer Bridge over the Danube.

Belcaire pool site visit



Aerial view of the pool.

The national government's representative in Comunitat Valenciana, Ricardo Peralta, and the director-general of Water at the Ministry of the Environment and the Rural and Marine Environment, Marta Morén, visited the site where a pool is being built on the Belcaire River, in Castellón, on 30 April. The builder is a joint venture featuring FCC Construcción, and the total investment comes to 30 million euro, part of which is co-financed by European funds.

This regulating pool, located in the southeast area of Castellón province, will be used to recharge the aquifers in Vall d'Uixó, Moncófar and Almenara, which are included in Act 11/2005, so the job is declared an activity of urgent, top-priority public interest. There are fundamentally two goals: To recharge the aquifer (and thus restore balance in both the quantity and the quality of its water) and to cover the demand for irrigation in the area.

Job description

The regulating pool is the biggest item of infrastructure involved in the whole job. It is a partially buried reservoir on the left-hand bank of Belcaire River, which can hold two cubic hectometres of water and occupies around 20 hectares, being some 12 metres tall. It is located near the Belcaire wastewater treatment plant and industrial park.

The job also calls for a diversion dam, which measures two metres in height above the riverbed and 48 metres in length between abutments. This dam is located downriver, at the confluence of two minor streams, Barranco de San José and Rambla de Cerverola, receiving a maximum flow of 4.4 cubic metres per second.

Water is diverted from the dam to the regulating pool through a one-kilometre-long pipe.

Basic Information

Customer: AQUAMED

Period: 18 months

Budget: 16.9 MILLION EURO

Team

Construction manager: Christian Seitel Bengoa

Production chiefs: Mercedes de la Fuente Manso y Luis Pérez Bañuls

Quality technicians: Julián Briones Pardo y Juan de Dios Sánchez López

Technical Office chief: José Luis López Santamaría

Foremen: Óscar González Navalón y Manuel Samuel Mut

Office staff: Vicente Arlandis Minguet

The Minister of Development visits Barcelona Airport's new Terminal T1

Minister of Development José Blanco visited the new terminal at Barcelona Airport on 7 May, accompanied by the secretary of state for Transport, Concepción Gutiérrez; the national government's representative in Catalunya, Joan Rangel; the regional councilman in charge of Public Works, Joaquim Nadal; and Aena President Juan Lema, among other persons.

This new facility, located between runways, took a total investment of 1,258 million euro (including technological systems, conventional facilities and associated systems). It has got a total area of 544,066 m², which are complemented by 600,000 m² of aircraft parking apron.

Opening this new facility will directly create over 3,000 jobs. Four thousand operators of 52 different nationalities worked to build the terminal.

The new T1

Terminal T1 has got 101 boarding gates, 166 check-in desks and 43 fingers for direct access to planes. The terminal is equipped with a modern baggage pick-up and handling system known as SATE, which can process 8,000 suitcases per hour, with an average managing time of six minutes.

T1 has got solar panels, a total of 696 to be precise, each 2.2 m² in size. Seventy percent of the terminal's sanitary water is heated by thermal collectors.



Minister of Development José Blanco, accompanied by other authorities visiting the new terminal.

In the new terminal, there is a pneumatic collection system for four waste fractions. In addition, separating plants have been installed for waste discharge, and hydrocarbon detection systems have been installed.

Terminal T1 will boast a 23,866-m² shopping area housing 73 shops and 43 bars and restaurants, six VIP lounges and a 2,583-m² business centre.

T1 will enable Barcelona Airport to handle an extra 30 million passengers a year.

Prime Minister Karamanlis visits the Athens Metro construction site

On 20 May Prime Minister Kostas Karamanlis visited the site where line 2 of the Athens Metro is being built by FCC Construcción in a joint venture.

In 2007 Kerameikos and Egaleo stations went into operation as well. By year's end Peristeri, Anthoupoli and Haidari stations will throw open their doors. They are expected to handle more than 75.000 passengers per day.



Prime Minister Kostas Karamanlis visiting the site.

Students of the Linz School of Public Works visit the Barcelona Metro Line 9 construction site

From 6 to 14 May a group of 25 students from the School of Technical Education in Public and Underground Works of Linz, Austria, engaged in a field trip to Barcelona, organised with the cooperation of ALPINE and FCC.

As part of their programme, the students visited the site where line 9 of the Barcelona Metro is being built by FCC Construcción.

This programme is ranked very highly by students. For this reason there is a great deal of interest in making these visits a regular year-after-year occurrence.

The Linz School of Public and Underground Works is one of the most prestigious in Austria. ALPINE has got an ongoing



Students visiting Barcelona Metro line 9.

cooperation agreement with this school, since many of its students train at ALPINE and later join the company.

Family Plan: Thirty-seven beneficiaries in 2008

FCC and the Adecco Foundation signed the Family Plan in 2007 for relatives of FCC employees who have some degree of disability.



In 2008 there were 37 beneficiaries:

- ▶ For working-age people, training initiatives were started up that focused on developing social attitudes and skills to facilitate access to employment, as well as providing information, guidance and job-hunting advice.
- ▶ For the younger folks, the Adecco Foundation designed other kinds of alternative activities and leisure activities, oriented toward the parallel development of social and relationship skills.
- ▶ For the elderly, leisure activities were organised, aimed at making a positive contribution to participants' cognitive, physical, emotional, social and occupational development.



New show at LABoral: "Auto. Dream Plus Matter"

"Dream Plus Matter", a show that takes a good look at the culture of the automobile, until 21 September.

LABoral Art and Industrial Creation Centre, of which FCC Construcción is a founding sponsor, opened a new show on 15 May, "Auto. Dream Plus Matter", which takes a penetrating look at the culture of the automobile as a terrain for criticism and creativity. The show will remain in Gijón until 21 September, after which it will travel to the CA2M Dos de Mayo Art Centre in Madrid. This is a joint production of LABoral and CA2M Dos de Mayo Art Centre in Madrid.

"Auto. Dream Plus Matter" is a wide-spanning, complex exhibit project that brings together a good hundred pieces by 60 Spanish and foreign artists. The show looks hard at the presence of the automobile in contemporary art, or more precisely the relationship between the culture of the car and artistic creation in recent decades. Because of the central role the automobile has filled as a fundamental element of twentieth-century culture,

and as a symbol of consumer society, the art/car binomial can be approached from a context that goes beyond the aesthetic realm and reaches toward social, political and anthropological considerations.



Amy Stein. Autosalvaje.

SEOPAN wins "Best Stand" at Laboralia

Laboralia, the Comprehensive Trade Fair for Occupational Prevention, Protection, Health and Safety, which took place from 25 to 29 May in Valencia, closed this year's event with its fifth series of occupational risk prevention prizes.

One of the prize winners, the stand put up by SEOPAN (an association of companies in the building sector, such as FCC

Construcción), took home the prize for "Best Stand" due to "the originality and preventive action taken at its member companies". "STIMULATING SAFETY MATTERS".



SEOPAN's stand at Laboralia.

FCC Construcción professionals abroad

Because of the globalisation of the economy, companies are taking on a more-international dimension. Last fiscal year FCC Construcción's turnover was over 7,700 million euro, approximately half of which was earned outside Spain.

Having taken over the Austrian firm ALPINE and increased its backlog of work in Eastern Europe, Central America and Asia, FCC Construcción finds that it has a growing need to post some professionals temporarily to other countries, to export our know-how to wherever we do business, so that a single, shared business culture can be instilled throughout the group. These professionals on assignment abroad are known as expatriates.

In our company, the Human Resources Area establishes policies and boosts specific projects to encourage international mobility, with the twofold objective of equipping the company with professionals who have got the skills to operate in a global market and facilitating the development of employees who show a great deal of potential.

In addition, in the company's Management System there is a specific procedure regulating temporary assignments abroad. At FCC Construcción there are a lot of employees who have chosen to gain this sort of experience.

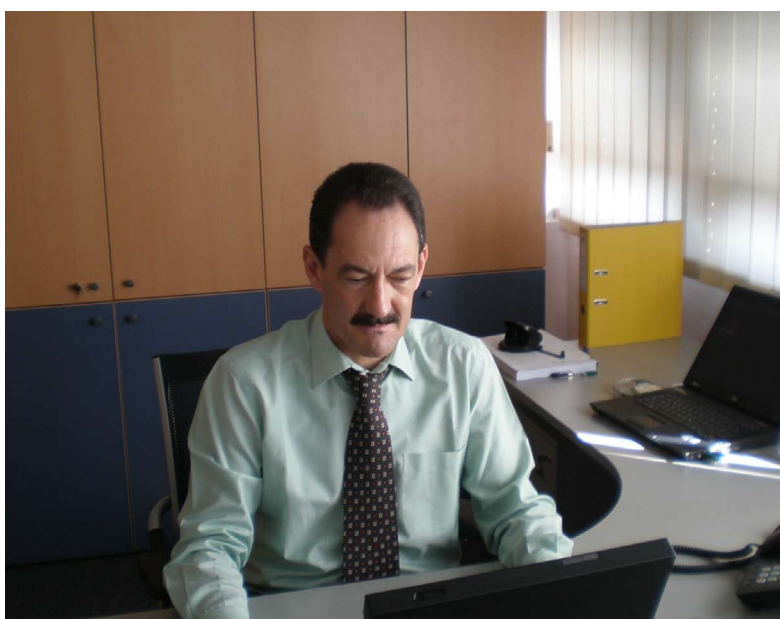
In this article, we feature the opinions of two professionals who, after a long career with the company, decided to join International.

- ▶ Julio García-Durango, civil engineer, after 19 years with the company in works planning, took on a job with us abroad in 2007. First he went to Romania, and a few months ago he moved to Austria, where he is working with Alpine in controlling (production, costs and economic planning) and the introduction of the Integra Project.
- ▶ Carlos Puertas, economist, has been with the company for 12 years. He spent his first nine years in various

jobs, always in the administration field, inside Zone IX Transport. For the last three years he's been working in Romania.

Both of them stress the importance of expatriates, because an expatriate uses his or her work and professional experience to spread the company culture beyond our borders.

Julio García-Durango has told us about the characteristics he thinks are necessary for working in other countries. First



Julio García de Durango, expatriate in Austria.

of all is motivation, which helps you adapt to a different country as well as get through your daily difficulties. There is also teamwork, because in different environments, both culturally and professionally speaking, you have got to strive for an even more-cooperative attitude.

Mastery of languages is a significant point, but it is not an absolute must, because you can learn a language when you need to. According to Julio, nobody who has got some grasp of English should rule out the possibility of working abroad. Lastly, it's important to have your family's support, because moving to another country means big changes for the entire family.

Continues >>

Carlos Puertas shared with us a set of questions to help decide about working abroad. The first step is to think about the advantages and disadvantages; your family's opinion here is important, and it would be a good idea to get some advice from your professional environment, too. Next you have to compare objectively your skills with the skills required to work abroad. In Carlos's view, what is needed is experience, knowledge of the company and proficiency in another language.

Once you have satisfied yourself with the answers, you will be ready to apply for a temporary assignment in another country, which will make you an expatriate. As an expatriate, your whole framework of action is different.

Carlos's experience abroad is proving highly gratifying, since professionally it is enabling him to learn to cope with any scenario. In addition, in the personal sphere, he is experiencing a multitude of situations different from regular Spanish life, and that is helping him become more critical, reflective and open. "It makes you a citizen of the whole world", he says.

The professional and personal experience is really engrossing for Julio. "Neither at work nor in daily life have I ever felt lonely", he states. "What's more, being with ALPINE means to me the opportunity to get to know an important group of excellent professionals from a culture different from ours".



Carlos Puertas, expatriate in Romania.

Once your temporary assignment to another country is over, you return to Spain. This process is regulated in the company's internal rules. According to the procedure, personnel who have worked abroad will take priority in any internal promotions.