We are FCC
Nº 3



Wanda Metropolitano **stadium,** built by FCC, opens its doors



Diversity
ENRICHES

Citizen Services

SUMMARY

Group FCC

Did you Know...?

Business
- Environment
- Water
- Construction

People

Responsability

Wellness

Innovation

Communities

Communication

Brief
- Environment
- Construction
- Water

> The new CEO thanked the Board of Directors and shareholders for his appointment and for the trust placed in him to take on this new role

Pablo Colio,
new CEO of the FCC Group

The Board of Directors of FCC Group has unanimously decided to name Pablo Colio as CEO. He replaces Carlos M. Jarque, who will continue to be associated with FCC as a member of the Board of Directors. FCC's Board of Directors has approved this change following the positive report of the Appointments and Remuneration Committee. The new CEO of FCC, Pablo Colio, was born in Madrid in 1968.

He trained as an architect at the Higher Technical School of Madrid. His professional career has been developed almost entirely within FCC Group, to which he has dedicated more than 23 years.

Colio will combine the new position of CEO with his previous role as General Manager of FCC Construcción. Within FCC Group, Colio also served as the General Manager of FCC Industrial. He was responsible for its international expansion and the unification of all industrial companies of FCC Group under the brand FCC Industrial.

In his first words after his appointment, the new CEO thanked the Board of Directors and shareholders for his appointment. He also acknowledged the trust placed in him to take on this new role within FCC Group as a person with a clear vision of the business and a long career within the company. He said he "would like to thank all members of the Board of Directors and shareholders for their trust in me. It is a great honour to assume this responsibility that I accept with enthusiasm and excitement, dreaming of a great future for FCC Group ".

The Board of Directors of FCC has made an explicit recognition of the work of Carlos M. Jarque during the years he headed the company.





FCC presents its

first integrated annual report,

for the 2016 financial year



FCC Group has presented its first integrated annual report, for the 2016 financial year, providing information on the management of the company's key aspects (environmental, social and financial) and its business, according to the principles of the framework of the International Integrated Reporting Council (IIRC).

This report provides a joint vision of the company, emphasising the creation of synergies between the various businesses in FCC Group. It was prepared with an integrated handling of information for which it was necessary to analyse the information, synthesise it and place it in context to give the document personality.

The diversified business model, international presence, capital structure and the corporate governance, company strategy, the most important financial figures, an analysis of stock information, a review of the Group's businesses, the most important events in the financial year, corporate social responsibility and the governing institutions, are all covered in the report.

The company's corporate social responsibility policy determines the non-financial structure of this report. It is structured in three axes, exemplary commitment, intelligent services and public connection, with specific content on the exercising of materiality undertaken in 2016. The year was marked by three milestones in the global sustainability agenda – the start of the UN's Sustainable Development Goals (SDGs), the Paris Summit (COP21) and the transposing of the European Commission Directive on non-financial information.

The information on FCC's ethical, environmental and social performance was prepared for the fourth consecutive year according to version G4 of the guide for the preparation of Global Reporting Initiative (GRI) reports, in accordance with its Comprehensive option, including the additional information required by the "Construction and Real Estate" supplement. The information in this report gives a balanced, comparable, precise, reliable, periodic (annual) and clear view of the company's financial, social and environmental performance.

To ensure that all the content aligns with the expectations of the groups of interest, the information was also prepared based on the AA1000 APS Accountability standard.

The digital version of the report was prepared in HTML5, a format that improves the user's experience with simpler, quicker, easier and more effective browsing. It also allows the multi-device displaying of the document (PC, tablet and smart phone).

A series of direct links has been created on FCC Group's website to access the report. Clicking on these provides access to a new space created to house the company's entire history.



Integrated Annual Report of the FCC Group

Christmas in your city

Competition for employees´ children

* * * *



Citizen Services

Christmas in your city

* * * *

Competition for employees´ children

Terms of participation

All children of FCC employees between the ages 3 to 11 are eligible to participate. All entries must meet the following criteria:

Format and technique

- A4 paper format
- Any technique

Identification of entries

Every entry must include the following information:

- E-mail subject: Christmas Competition. [Child's name]. [Age]. [Business Area of parent].
- Additional information:
  - Parent's name
  - Area (Corporate Services, Environment, Water, Infrastructure)
  - Place of employment
  - Contact telephone no.
  - E-mail
  - Address of place of employment

Deadline and submission

The deadline for entries is 31 October (inclusive). Any entry received after this date will be acknowledged and awarded a certificate but it will not be accepted into the competition.

Entries may be submitted by e-mail or by post.

Send your entries to the following addresses:

Post:

The deadline for entries is 31 October (inclusive). Any entry received after this date will be acknowledged and awarded a certificate but it will not be accepted into the competition.

E-mail:

marketingcorporativo@fcc.es

*Entries submitted by e-mail must be accompanied by the attached form.

Evaluation criteria

Each entry will be evaluated on its creativity, content and adherence to the theme of the competition.

The entries will be judged in three categories:

Category 1: 3 to 5 years old
Category 2: 6 to 8 years old
Category 3: 9 to 11 years old

This means that there will be three winners for each business area, one of which will be chosen to go through to the final. A vote will be held to determine the “best Christmas card” from the four finalists (one for each area).

*The winning design will be part of the company's internal Christmas greeting.

Prizes and acknowledgments

All participants will receive a certificate of participation.

Corporate Services

Category 1 prize: drawing set
Category 2 prize: drawing set
Category 3 prize: drawing set

Corporate Services 1st prize: €50

Environment

Category 1 prize: drawing set
Category 2 prize: drawing set
Category 3 prize: drawing set

Environment 1st prize: €50

Water

Category 1 prize: drawing set
Category 2 prize: drawing set
Category 3 prize: drawing set

Water 1st prize: €50

Infrastructure

Category 1 prize: drawing set
Category 2 prize: drawing set
Category 3 prize: drawing set

Infrastructure 1st prize: €50

One entry from the four finalists will be awarded the prize for “Best Christmas Card”: €100.

Descargar bases / Download

FCC focuses on America as the main market for international growth

The FCC Group, whose major shareholder is Carlos Slim, is present in most of the countries in the American continent, operating in the environment, end-to-end water management and infrastructure areas.

FCC has focused on Latin American and on the United States as its main markets as part of its international growth strategy. The Group will support the Group's in-house synergies to boost the Company's growth by investing in concession projects and in the design, construction, operations and maintenance of projects that require these measures.

Latin America and water management

In 2016, 16% of revenues in Latin America were generated by regulated water management activities while 84% were the result of non-regulated activities. Latin America represented 24% of FCC Aqualia's revenues in 2016. FCC Aqualia is involved in two BOT projects (Build, Operate, Transfer) in Mexico: 49%in its stake in a BOT concession that contemplates the design, financing,



Nueva terminal del aeropuerto de México

construction, operations, and maintenance of an aqueduct commissioned by Comisión Estatal de Aguas del Estado de San Luis Potosí (the State Water Commission in San Luis de Potosí); as well as a 25% interest in a BOT concession that includes the design, financing, construction, operations and maintenance of an aqueduct for Comisión Estatal de Aguas del Estado de Querétaro.

In 2016, EPC (turnkey projects) generated most of the revenues from non-regulated activities in Latin America. In Mexico, one of the most relevant projects executed during this period was the aqueduct commissioned by Sistema de Agua de Cutzamala, administered by the National Water Commission which supplies drinking water to 50 cities and towns in the State of Mexico, the capital, Mexico Federal District. Another project executed in 2016 was the installation of 25 wells and pumping stations in the State of Zacatecas related to a gold mining business for its industrial client Minera Peñasquito. In Chile, FCC Aqualia executed the construction of a water treatment plant in the metropolitan area of Huyechún involving the mining activities conducted by the Chilean public mining company Codelco. In Uruguay, FCC Aqualia executed the construction of the underwater outlet Punta Yeguas for transporting wastewater treated in Montevideo to the ocean.

FCC Aqualia was awarded major contracts in Latin America, including Colombia, Ecuador, Mexico and Chile. The most relevant contracts are: the design, construction, supply and installation of equipment and assisted operations of the enlargement of the El Salitre wastewater treatment plant in Bogota, a contract worth 377.4 million euros awarded to a consortium in which FCC Aqualia has a 30% stake through its subsidiary FCC Aqualia Intech, S.A.; the design, construction and operations of the San Silvestre wastewater treatment plant in Barrancabermeja (Colombia) worth 33.9 million euros in which FCC Aqualia holds a 50% stake also through its subsidiary FCC Aqualia Intech S.A.

In Ecuador, the Company was awarded a contract for the construction of the Ambato wastewater treatment facility and the collector system for the sum of 23.4 million euros, holding a 60% stake in a consortium through its subsidiary FCC Aqualia Intech S.A.

In Texcoco (Mexico), through its subsidiary FCC Aqualia Intech, S.A., the Company was awarded a 4.7 million euro contract for the commissioning and operation of the Contracorriente wastewater treatment plant



The Punta Yeguas underwater outlet in Montevideo (Uruguay)

Experience in building subways

One of the most relevant projects of this division is the subway (metro). The company is executing the construction of Line 2 of the Panama Metro. The contract contemplates the design and construction of the civil works, ancillary line and station facilities, the supply and installation of the entire railway system which includes rolling stock and the start-up of Line 2 which is expected to be completed in 44 months. Five subway cars featuring the latest technology will run along the subway line, ensuring reduced energy consumption and efficient operations. It will be able to transport an average 16,000 passengers per hour and will also be adapted for people with reduced mobility.

In addition, the Company is executing the Metro de Lima project which contemplates the design, construction, financing, operations and maintenance of Line 2 and of a section of Line 4 to the airport. The contract is worth 3.9 billion euros. The length of Line 2 will be 35 km and will cover the East-West axis of Lima, from Ate to Callao. Once it starts operations, its 35 stations will provide services to more than 600,000 people per day, reducing travel time by 90 minutes. The Line 4 section, connecting the capital of Peru with the airport, will stretch over 8 kilometres of



The materials recycling plant in Dallas (U.S.)

tunnel, from Faucett Avenue to Nestor Gambetta Avenue. In February of this year, the finance arrangement for Metro de Lima won the Americas Deal of the Year 2015 award organized by the magazine Project Finance International.

Relevant projects

FCC also participates in the maintenance of the Pan-American Highway (Chorrera-San Carlos section, Panama Oeste province) measuring 53 km. In Chile, it is executing the construction of section 3 which will connect the towns of Iquique and Alto Hospicio. It is also involved in the project for the conversion of Sector Urbano (Route 4, Santiago Los Vilos). In 2015, Sociedad Concesionaria de la Autopista del Aconcagua awarded the company a contract for the enlargement of three of the four two-way lanes as well as the construction of the service road, modification of the intersections, transversal drainage, and the construction of pedestrian footbridges.

In Colombia, the Company is executing the Toyo tunnel project situated between the municipalities of Giraldo and Cañasgordas, 500 kilometres northeast of the capital, with a new road layout measuring 40.84 km going two ways and a lane in each direction. FCC Industrial is also working on high-voltage, simple circuit overhead line with 114 metal towers and the 45 km of conductors and optic fibre lines for EPM.

In the middle of 2016, FCC Construcción Costa Rica completed the 50.6 km-long Cañas-Liberia section of the Inter-American Road.
This year, FCC Industrial (the FCC and Felguera IHI) consortium, won a contract for the construction of the Vopak oil storage terminal in Bahía las Minas (Colon province) in the Atlantic coast of Panama.

In the hydraulics sector, FCC is involved in the dredging of the River Bogotá (Colombia). The project contemplates the relocation and reinforcement of the existing lateral banks as well as deepening and widening of the riverbed, including dredging contaminated materials that will be processed before transferring it to authorised landfill sites. In the maritime sector, the Company completed the Puerto de Açu (Brazil) project which consisted in the construction of Terminal TX-1 in the Açu Harbour (Brazil) located in the north-eastern part of Brazil, the region where 85% of the country's oil is produced. Also in this region, it has built a non-residential project, the Ciudad de la Salud (Panama) which includes the design, urban development, environmental impact studies, construction and finance and equipping of the healthcare facilities.

New terminal in Mexico

The new airport will be the world's second most important under construction, and the main contract to build the new airfield will be one of the largest infrastructure works currently underway in Latin America.



The construction of the new airport terminal in Mexico City was awarded to a consortium led by Grupo Carso in which FCC and other companies in the sector also participate. The consortium will build the terminal building of the new international airport for Mexico City (NAICM) in the Federal District of Lake Texcoco after submitting the best economic and technical bid. The contract is worth 84.8 billion Mexican pesos (4.2 billion dollars / 3.925 billion euros) and will have a 44 month completion deadline.

The contract award is for the construction of a building with an area of 743,000 square metres over four floors on a plot of land measuring 4, 430 hectares. Arrivals, baggage reclaim and all services relating to ground handling and the baggage handling system will be located on the first floor. This level will also include access to the car park, the flight information area, the short stay car park and access to the Metro from the Ground Transportation Centre.

The second floor will be used for international arrivals, immigration and the flight transfer area. Departures will be located on the third floor which will have a large central shopping area, departure passageways and an area reserved for Pre-clearance. Lastly, the fourth floor will include a car park, the check-in area and security control.

In Mexico, the most important projects of FCC Industrial under construction are the underground high-voltage, double-circuit 15 medium power (MP) lines and the GIS Substation in Campeche; two 115 kV electrical substations of 73km of overhead simple circuit line and 23 km of double circuit overhead line in Tamaulipas, both of which were commissioned by CFE (Mexican Federal Electricity Commission). The Company is also building the Samalayuca-Sásabe Gas Pipeline in Mexico.

In the Dominican Republic, the Company is involved in the refurbishing the distribution networks and in upgrading the electricity meter systems for the State company CDEEE (Corporación Dominicana de Empresas Eléctricas Estatales).

The U.S., a market for the Environment division

The United States is a growth market for FCC. In recent years, the environmental division of the FCC Group has been awarded major contracts. The first of these was in Texas and it involved the transport of bio-solid waste in the city of Houston, the construction and management of the new Materials Recycling Facility (MRF) at the McCommas Bluff Landfill installations in the southern part of Dallas, the treatment and marketing of all recyclable waste in University Park. This year, the company was awarded two new contracts in Texas, in Mesquite and in Garland. FCC was also awarded two contracts for the collection of solid urban waste in Polk and in Orange County, both in the State of Florida.

FCC Construcción in the United States is also executing the Gerald Desmond Bridge in Los Angeles which includes the design, the replacement of the former bridge and the construction of a new one in Long Beach. The new cable-stayed bridge has a main span of 305 metres.

With all of these projects underway, the American continent has become of the main markets on which the FCC Group is focusing its efforts. In a short period of time, the environment, end-to-end water management infrastructures activities have become very relevant in Latin America and in the United States, becoming one of the best citizen services companies in the region.



The Barbanza (La Coruña) Environmental Complex,

an example worth emulating

The waste treatment environmental complex Mancomunidad del Concello de Serra de Barbanza (Municipal Association of the Serra de Barbanza Council in La Coruña) started operations in September 2003.

Situated in Lousame, the complex is situated in a 10-hectare area and provides services to nine municipalities (Lousame, Brión, Porto do Son, Ames, Rois, Carnota, Muros, Pontecesures and Noia), with an approximate population of 86,000. Its activities cover an area of 625 km² and the facilities have the best recovery rates in Spain. In 2016, it received 32,000 tonnes of organic and inorganic waste, glass, paper, cardboard and household appliances from these municipalities.

The main objective of the facility is the comprehensive management of domestic waste from the councils that form part of the Association. It achieves this by composting organic waste and recovering materials for their recycling, thereby adding value to the various fractions.

The plant's philosophy is based on the 3R rule (Reduce, Reuse and Recycle) and any rejected waste is sent to a landfill site. The facility recycles containers and treats organic waste to produce compost.

In 2016, the facility recovered 7,800 tonnes of inorganic waste for recycling, equivalent to 90 kg/inhabitant and it also recycled, through composting, 4,000 tonnes of organic fractions equal to 46 kg per inhabitant.

Organic fractions and other types of waste are collected in trucks with two compartments and are then delivered to the environmental complex which has two separate treatment lines. Fraction is subjected to a natural fermentation and ripening process. Compost must comply with certain optimal conditions so that it can be used in agriculture and, accordingly, the plant performs internal controls, applying certain parameters to the compost being processed. The final analytical tests are performed by an external laboratory pursuant to current law.

Inorganic waste is transported by a conveyor line to a manual sorting line where different types of plastic and recoverably materials are separated. Objects such as cans are then separated by means of electromagnets or Foucault currents, depending on whether they are made of steel or aluminium. Materials such as porcelain or other types of waste are sent to the controlled landfill site. Once the materials have been sorted and in order to facilitate its transport, it is then pressed and packaged for transport to the different recycling companies.

The fractions in blue paper and cardboard containers and green igloos are collected together and sent to the corresponding recycling facility.

The environmental complex has been awarded several environmental certificates for its compliance with specific criteria that guarantee the quality of the facility's management. The certificates awarded include ISO 9001, ISO 14001, ISO 50001 and OHSAS 18001.

The selective waste collection system implemented by the Association includes four types of containers:

- Blue container: paper and cardboard (newspapers, magazines, books, boxes…).
- Green igloo: glass bottles and jars, without caps or corks. These containers could also feature a lateral deposit for used batteries.
- Green container: organic waste leftover food and pruning material.
- Yellow container: inorganic waste such as plastic, oil containers, tins and cartons, textile, earthenware, etc.





INTERVIEW

Jacobo Patiño

Manager of the Barbanza Environmental Complex

What technology and equipment does the complex have?

The complex has all that is necessary to provide the urban solid waste collection service, sorting of cardboard, glass, batteries, large items, organic and inorganic fractions as well as maintenance tasks and the washing of containers.

It has an industrial workshop and a container and equipment storage area as well as an indoor parking facility for its fleet of vehicles. For the treatment of collected waste, the facility has two separate lines: one for organic fractions and another one for inorganic fractions. Each of these has its own machinery and industrial plant in addition to a zone for storing recovered materials and compost.

For eliminating rejected waste, the site has an active waste cell and another one in the pipeline. Leachates are handled in a processing station consisting of a pre-treatment with sulphuric acid, reverse osmosis and an evaporator. The facilities also have a cogeneration plant with micro biogas turbines to generate electricity which is mostly used at the plant and for heating purposes so as to reduce the consumption of biomass at the boilers of the leachate treatment plant.

Can you describe the process for treating organic fraction and the recovery process?

Organic fraction is subjected to a mechanical pre-treatment process. It goes through a bag-opening system and a drum screen. Metals contained in the fraction are eliminated by means of an electromagnet and it is then sent to the composting process, mixing it previously with ground vegetables. It is composted in a nave and finally, the organic compost is transferred to the area for refining it. The inorganic fraction goes through the bag-opening system and the drum screen, and then circulates through a triage cabin with a capacity of about 2 tonnes/hour for recovering scrap metal, glass, LDPE, HDPE, PET, cardboard, containers, plastic, steel, aluminium and other metals.

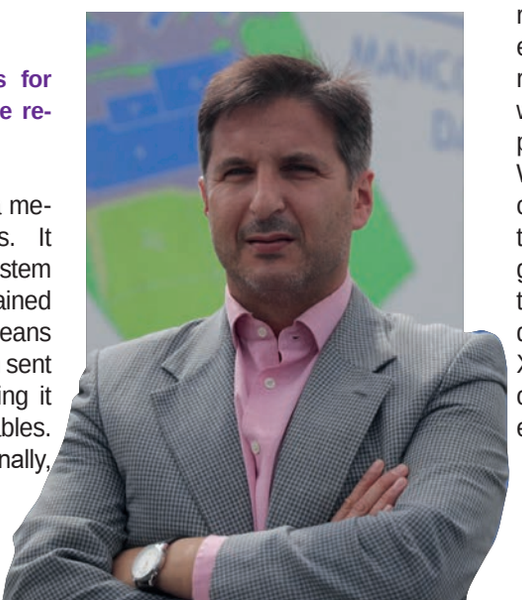
The rejected flows of organic and inorganic fractions are then pressed (except for the materials left over from the refining process) and then transferred to the landfill site for rejected materials.

What is the treatment capacity of the facility?

Although it was originally designed for a capacity of 25,000 tonnes, capacity was increased to 35,000 tonnes after implementing several modifications. Current capacity is about 33,000 tonnes.

What are the characteristics and the destination of the material recovered at the facility?

Glass is sent to Ecovidrio. Metal and plastic from containers are sent to Ecoembes. The rest of the materials, such as recovered cardboard, scrap metal, wood, WEEE, batteries and RPs are sent to an authorised manager for its recycling or for its appropriate treatment. Compost, which is already recycled, is sold in retail sales and is also used for partially sealing the landfill site, which is done periodically by mixing it with the soil on the surface.



Why is recycling important for the environment and what are its effects?

Natural resources are depleted and, even though it seems a major and global problem, we can all contribute by sorting and depositing waste properly at home. This makes it much easier for us to recover materials and will contribute to increasing the volume of recycled material and, consequently, reduce the utilisation and abuse of natural resources. This is the only thing that citizens are asked to do, sort and deposit waste properly. This is certainly a major step for humanity.

What can and cannot be recycled?

Certain materials cannot be recycled because, as of yet, there is no market for these materials or because the appropriate processes do not exist yet. The number of materials that can be recycled, however, is increasing. For example, all organic waste is 100% recyclable (which is nearly half of its weight). Plastic and metal elements, paper-cardboard, glass, batteries, WEEE, wood and textiles are also recyclable if it has not been placed next to regular garbage to prevent it from getting soiled. Furthermore, thanks to the existing recycling areas, all hazardous household waste such as paint, X-rays, etc. have a recycling market or can be disposed of in a controlled environment.



¿Qué es un Contador "Inteligente"?

Es un dispositivo híbrido, con sensor mecánico y esfera electrónica y con comunicación bidireccional.

Esfera Electrónica

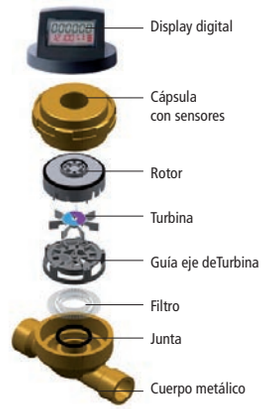
Recoge los datos de la parte hidráulica y la procesa. Incorpora display informativo y un módulo de comunicación que transmite los datos de consumos, tramos horarios, alarmas, etc para la confección de estadísticas.

Módulo hidráulico

Detecta el paso del agua por la rotación de la turbina, trasmitiendo su movimiento por inducción al sistema para el cálculo de los volúmenes consumidos.



Partes del dispositivo



Fuente: elaboración propia y **elster Iberconta**

Technology for sustainable water management in the Balearic Islands

The experience and capabilities of FCC Aqualia for providing technological solutions adapted to the needs of city councils is the key to the Company's growth in the Balearic Islands where it manages nine water supply and sewerage services, six wastewater treatment stations (WWTP) and three seawater desalination plants (EDAM).

In order to ensure sustainable water management in the Balearic Islands, FCC Aqualia has defined a strategy underpinned by three essential tenets: promoting technological development to meet the needs of the islands; integrating 360º solutions, and making the community involved in caring for this resource.

Cutting-edge technology in Ibiza

In the island of Ibiza, FCC Aqualia has been implementing for some time new technologies that enable sustainable and efficient water management which is complicated due to the island's water resources because of the seasonality caused by tourism. In Santa Eulària des Riu (Ibiza), a remote radio-based meter reading technology was installed to be able to control water consumption in 400 meters situated in the Santa Gertrudis district as a pilot project before extending the entire system to nearly 9000 meters throughout the town.

This system, the first of its kind in the Balearic Islands, provides users with all the information they need on their water consumption in addition to enhancing the use of water resources in the municipality.

In the middle of this year, as a second phase, the Es Puig de Fita district was select to upgrade 791 individual meters and four general meters in addition to implementing 40 "drop" sensors that collect, every eight seconds, information from all the meters within its radius to transmit this information subsequently to the central base for its processing. After the first month of this service, approximately 570,000 readings of water consumption were recorded in contrast to 3,164 readings recorded annually with the traditional manual system.

Thanks to these actions, 54 leaks were discovered with an average flow of 21 litres per hour. In the overall calculation, these leaks reported to users in less than 24 hours, would imply an extraordinary consumption of 15,120 litres per month. As a result of this innovative system, municipalities are able to know the water demand in each district and have objective and detailed information so that they can define the investment plan for the network.

The success of this technology has been extended to other services managed by FCC Aqualia in the Balearic Islands, such as Formentera, where there are plans to implement this system in all of the cities and towns in the



island. In Mallorca, some cities and towns such as Valdemossa, Sa Pobla, Muro, Llucmajor and the Port Authority of Palma de Mallorca already enjoy this innovative technology.

360º solutions

The sectioning of the water transport and distribution network through the installation of remote-controlled flowmeters and regulating valves as well as the implementation of a remote-control system that makes it possible to learn about and manage any incidence or abnormality at the town's supply and sanitation installations have become essential in FCC Aqualia's management in the Balearic Islands.

All municipal services have an exhaustive leak detection program by means of pre-location equipment featuring the most advanced technology to enhance the positive hydraulic performance trend.



In Formentera, for example, in the two years that the remote control system for water installations has been functioning, 74,000 m3 of water leaks have been prevented and hydraulic performance has improved by 8 percentage points to reach the current 86%. In the case of Llucmajor, in the last five years performance has improved by 15 percentage points thereby preventing the loss of 750,000 m3 of well water. Sóller, another municipality in the island of Mallorca where FCC Aqualia manages the water system, performance in the last few years has been nearly 87%, one of the best in the island.

Recently, the Sa Pobla (Mallorca) City Council which manages the water supply service directly awarded FCC Aqualia a remote-reading and monitoring project for the potable water network as well as the remote control and sectioning of the entire distribution network.



Members of the Ibiza and Formentera Alliance for Sustainable Water Management.

Community awareness

For the best use of the water supply and sanitation services, community awareness is necessary. FCC Aqualia stands out thanks to its basic role in the "Ibiza and Formentera Alliance for Sustainable Water Management", an association made up of representatives from public and private entities, business associations, environmentalist groups, and the agricultural sector which have joined forces with a common goal of promoting and defending the interests relating to comprehensive management of freshwater in the islands of Ibiza and Formentera.

One of its specific objectives is to carry out campaigns combining awareness-building and training. FCC Aqualia has, accordingly, wagered on leading the initiative and by creating the "Vive la Isla, Cuida el Agua" ("Live the Island, Take care of Water") campaign to create awareness on savings and sustainable water management in the two islands. The campaign involves all sectors (private, public, agricultural, and social) to disseminate this important message.

INTERVIEW

Juan Luis Castillo

director of Zone II

What is Aqualia's contribution to the Balearic Islands?

The constant increase of visitors to the islands has caused a rise in water demand which goes up every year, putting pressure on the available resources and having the negative impact of salt water seeping into the aquifers of the islands.

Aqualia contributes to resolving the problems caused by this demand by working along two lines: acting as a partner with the Balearic Island Government in public-private projects to maximise the volume of desalinated water produced where we have the concessions and, as concession-holders in different cities and towns in the Islands, we work to improve the hydraulic efficiency of the municipal supply systems in order to take the most advantage of available water, a really scarce resource in the Balearic Islands, a community where we enjoy some of the highest hydraulic efficiency ratios in our activity.

We are carrying out an important Corporate Social Responsibility policy in the Balearic Islands...

We are very active in this respect, implementing measures such as cleaning the lakes in Formentera, launching awareness campaigns among our personnel to reduce sick leave, negotiating with workers representatives for the 0.0 Alcohol at work campaign and, of course, carrying out campaigns to promote the responsible use of water in addition to our collaboration with the Ibiza and Formentera Alliance for Sustainable Management.

What are the Company's next objectives in the Balearic Islands to address tourism demands and to improve the provision of water services?

Our objectives are to improve hydraulic efficiency and to increase the production of desalinated seawater. Providing the specific technology is the main mechanism to achieve this objective. Renewing water pipes that have exhausted their useful lives is another objective and even though this is strictly the responsibility of the municipality, it can count on Aqualia as a technological partner for its analysis, design, project and execution.

Another area where we plan to work on in order to achieve the maximum optimisation of our services is by having the most modern and efficient communication with our users by opening the maximum number of channels such as the Customer Service Call Centre, the virtual office and the Smart aqua app.





New agreement with RICOH for rationalising printers and copying machines

The Information Systems and Technology Division, aligned to the environmental sustainability and cost savings strategy, has launched a project to extend the rationalisation of image processing devices that is currently provided in the headquarter buildings to all other FCC offices in Spain.

To this end, it has entered into an agreement with Ricoh, world leader in managed printing services, pursuant to which, the new supplier will provide services as of October at each of the offices with FCC personnel and the migration of all image processing devices: printers, photocopy machines, scanners and faxes. At all of these offices, the old equipment will be replaced with other latest generation equipment adapted to businesses and featuring the most advanced technological characteristics, sharply reducing energy consumption as well as the use of paper and toner.

Since management will be centralised, printing policies will be implemented limiting the use of special printing such as in colour or high definition. The project aims to install shared printers, restricting personal use to specific profiles (cashiers, dispatches, customer care, etc.).

The new model ensures the confidentiality of printed documents by establishing the push-printing standard (printing with personal identification).

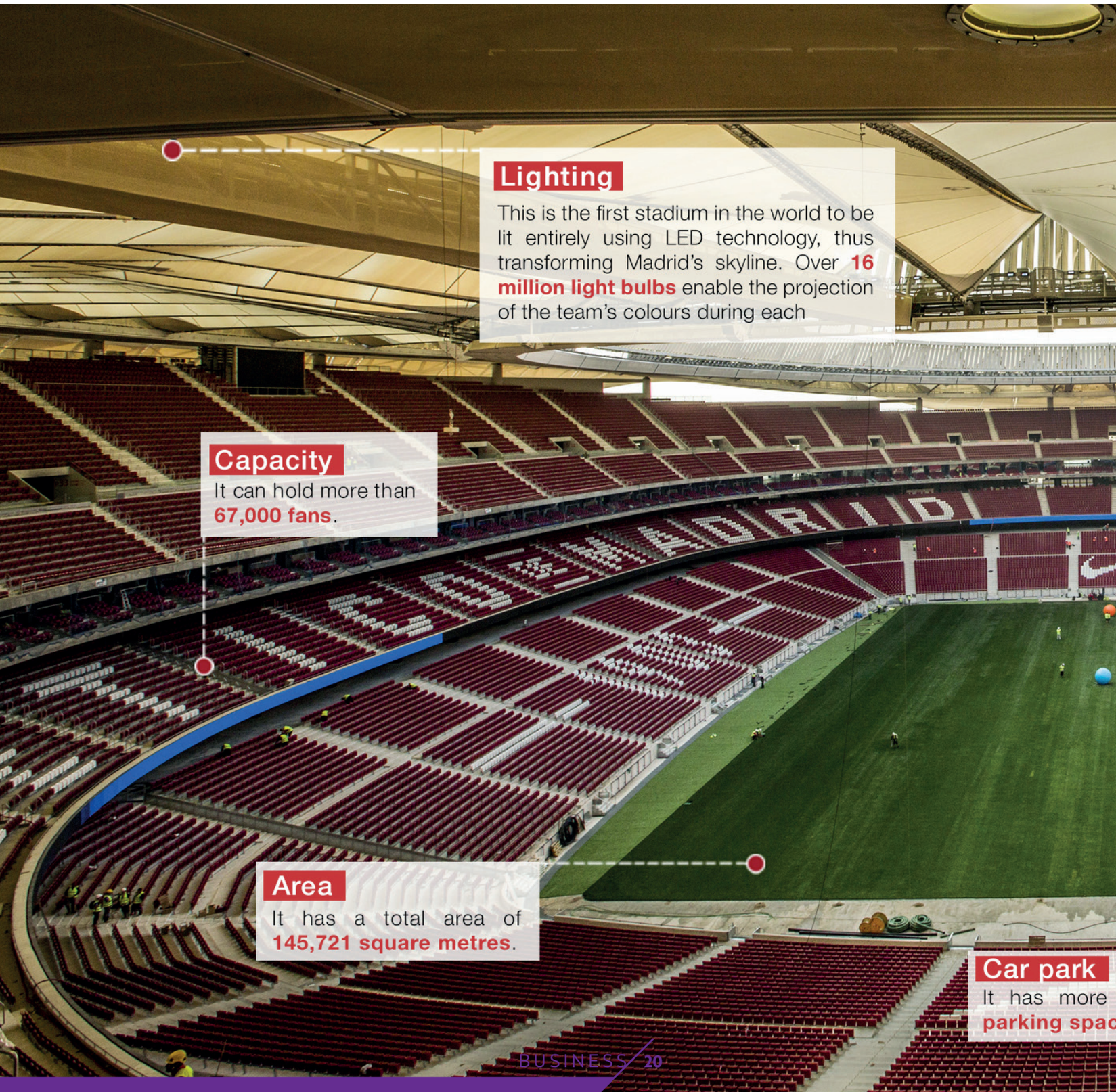
The supplier will be in charge of the entire service which includes:

- Optimised redesign at each headquarters
- Installation of new equipment
- On-site training for users
- Preventive and corrective maintenance
- Assistance in the event of incidences
- Supply of consumables (except paper)
- Removal and environmental management of used consumables and old equipment

The Information Systems and Technologies division will prepare individualised communication for each headquarters over the coming months prior to deployment, providing details on how the new service will function.

Lastly, we would like to point out that any new printing need should be coordinated with the IT managers of the business units through the Information Systems and Technologies Division.

Wanda Metropolitano stadium, built by FCC, opens its doors



The Wanda Metropolitano, built by FCC, opens its door. Throughout the execution of the project, the Wanda Metropolitano has been unique work that has been shown to the entire world as the work progressed. The stadium is now a reality and will always be a reference in the construction of sports facilities.



Roof

This consists of a steel structure weighing some **6,336 tonnes**, tensioned with radial cables and connected with a membrane covering an area of **83,053 square metres**. It covers the grandstand and helps to ensure that 90% of the seats are protected from the rain.

Layout

There are three new grandstands in the shape of a T:

- One lower grandstand consisting of **28 levels at the bottom and in the preference areas**.
- One medium grandstand of **13 levels for VIPs** with direct access from the outside.
- One upper grandstand supported on the perimeter building with **32 levels** containing the public entrances, VIP boxes and complementary services. Its lower area has space for 94 boxes.

than **4,000**
ces for fans.



VIDEO

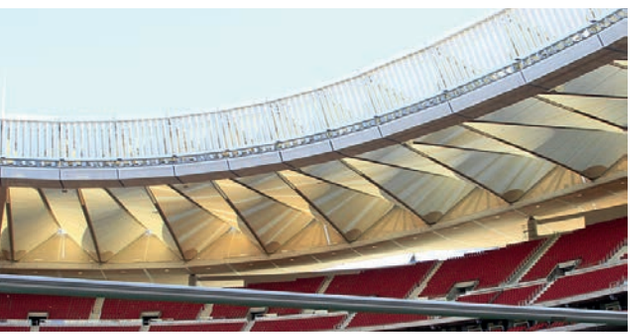
Construction of the cover of Wanda Metropolitano



VIDEO

Inauguration of the Wanda Stadium







The new headquarters of Atletico Madrid, occupies a total area of 88,150 square meters and has a capacity to accommodate more than 68,000 fans, distributed in general capacity and VIP area. In addition, it has more than 1,000 parking spaces for fans inside the stadium and 3,000 outdoor parking spaces. The state-of-the-art design of the sports complex was provided by the architects Cruz y Ortiz. They emphasize the concrete finishes and the ample interior spaces that allow the mobility of the fans throughout the entire complex.

The distribution of the new stands allows the fans and / or spectators to be close to the pitch. The new stadium has three new T-shaped stands, a low stand formed by 28 tiers in the bottoms and in the preferred areas, an average of 13 tiers for VIPs with direct access from the outside and last, a high stand supported on a perimeter building of 32 steps, where are located the accesses of public, VIPs boxes and complementary services. FCC also built, in the lower area of the high stand, a space for 94 boxes. Worth mentioning is the stadium cover consisting of a steel structure of about 6,336 tons, tensioned with radial cables and united with a membrane that occupies an area of 83.053 square meters. The membrane is composed of 720 panels of PTFE (polytetrafluoroethylene) weighting 92 tons. The roof covers the stands and will help ensure that 96% of the seats are protected from rain. This is a unique element that sets it apart from other European sports facilities designed in recent years.

The figures provided by FCC Group highlight that more than 2,881 workers participated in the project. To make this project possible, 7 tower cranes have been used, which have allowed transport: more than 455.000 tonnes of concret and 4,200 square meters of glass.

The new stadium is the first in the world to use entirely LED technology, thus transforming the skyline of the city of Madrid. More than 16 million colours will be projected in each game. Undoubtedly, it is a project that has become a reality in a modern, functional and first-class stadium in the European and world stadiums.
The new CEO of FCC Group, Pablo Colio, points out that “from this very moment this work has become a benchmark for soccer stadiums worldwide, featuring the most advanced systems, thereby setting an example of the integration of sustainable solutions at the service of the citizens”.

More than 25 sports facilities

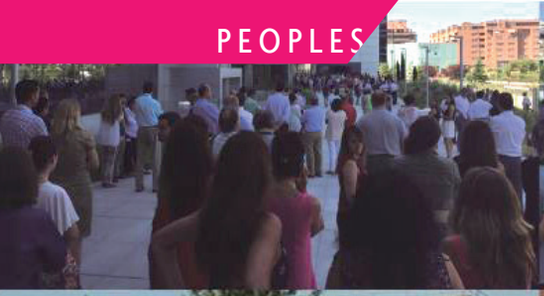
FCC has delivered more than 25 large-scale facilities worldwide that have hosted some of the most important sports events in disciplines such as soccer, tennis, motorcycling and athletics. These vanguard, sustainable, and functional facilities, infrastructures to which FCC Construcción has added value thanks to its technical and human capabilities to overcome great challenges. The efficiency, innovative solutions and the use of the latest technology have ensured the success of these projects and demonstrate the reason why the Company is a reference in this sector.

Acknowledgements

CEO Pablo Colio expressed his appreciation for the entire FCC Construcción and FCC Industrial team for their efforts, involvement, and commitment to delivering the project on time. He also thanked the Madrid City Council, the Madrid Autonomous Community and other public entities for their collaboration as well as the Atlético de Madrid soccer team for their cooperation and for the excellent communication that made it possible to inaugurate this world-class stadium.



The great Wanda team







TRINQUET









aqualia












With Barcelona

FCC present at the tribute to the victims of the terrorist attacks

FCC participated in the events to pay tribute to the victims of the terrorist attacks on 17 August in the Catalan capital and in Cambrils (Tarragona) condemning terrorism and rejecting violence.

FCC Medio Ambiente, in coordination with the security services, launched a deployment of resources to ensure the safety of the participants. The Company mobilised 67 operators in three work shifts prior to, during, and following the demonstration. Thirty-five different types of vehicles were used (three-wheelers, sweepers, open box vehicles, cisterns, collectors and small maintenance vehicles); 172 containers and 288 centring guides were removed and replaced ; anti explosive devices were attached to 150 trash bins; and 60 portable toilet cabins were installed. It is worth mentioning that no incidences or damage to the urban furniture, containers or trash bins were recorded after the demonstration.

Appreciation

The head of the Urban Guards of Barcelona expressed to the Barcelona City Council his appreciation for the participation of FCC teams and for those in charge of coordinating the deployment.
Miguel Martín Carmona, an FCC employee whose performance on the day of the terrorist attack was very praiseworthy, participated in the first line of the demonstration jointly with all the public services such as firefighters, the Urban Guard, Mossos d'Esquadra, medical personnel, etc.

Recognition for FCC Medio Ambiente employees for their performance, efforts, and cleaning services in the area affected by the attack

Janet Sanz Cid, manager of Barcelona's city Council department of the environment, Urbanism and Mobility, visited FCC Medio Ambiente's work site at Parque de Primavera to express her appreciation for the workers who had provided their services in the affected area on the day of the attacks. She went there accompanied by the Director of the Environment and Urban Services, Jordi Ribas, and the commissioner for the Environment, Frederic Ximeno. The Company has its operations base at this park from where it deploys workers involved in cleaning operations and waste collection services in the Ciutat Vella district.

During the event, she expressed her appreciation to FCC Employees for their support to the victims at the site of the attack and also thanked them for their daily work and efforts to maintain the city in the best conditions. She also showed a particular interest for the three FCC employees – Miguel Martín Carmona, Aroa Valero Montmany and Verónica Brio Carqueijada – who were performing their cleaning tasks when the attack took place. She offered them all the support that was necessary and all the collaboration of the medical services of FCC.

INTERVIEW

María del Carmen Plans Lluch

Head of Purchase Processes at FCC's Procurement Department

María del Carmen Plans Lluch, Head of Purchase Processes at FCC's Procurement Department, talks about her experience in the implementation of Standard 15896 for Added Value Purchasing Management and its benefits for FCC.

Why was it decided to secure the Standard 15896 certification?

When FCC's Procurement Department was created, it was defined pursuant to a Purchasing model based on the principles defended by the purchasing standard: segregation of functions, transparent decision-making processes; traceability, thoroughness and confidentiality when handling information, objectivity and focus on the client. It was important to identify the Purchasing function as one of the Company's strategic areas, not just for achieving ongoing cost savings but also for ensuring innovation and competitiveness. The philosophy of the purchasing department was totally aligned with Standard 15896 and, accordingly, obtaining the certification implied an added value and a challenge for becoming the first Spanish company to be awarded this certification.

What difficulties did you encounter over the course of this process?

Efforts aimed at managing the change were greater than the project in itself.

What are the main changes in accordance with Standard 15896 that had to be addressed?

For FCC, the greatest change was drafting the documentation. We were already applying the basic principles contemplated in the standard and the effort involved putting down on paper the systematic methodology



as proof of what we had been doing.
Has the implementation of this standard implied changes for the personnel of the purchasing department? How has it affected them?
What affected the employees the most was adapting to a regulatory compliance, procedures, registries, indicators, audits, etc.

What are the main benefits of Standard 15896 for FCC?

We can highlight three aspects:

- Align the Purchasing Department with the different areas of the organization.
- Standardise purchasing processes within the organization.
- Document the measures, ensuring simplification and control.

Compliance with a strict standard that ensures equal opportunities, transparency and traceability contributes the objectivity that enhances the department's reputation.

Do you consider it just another standard or is it different from the other certifications awarded to FCC?

In order to meet the new challenges with regards to purchasing, it is essential to veer the function towards the strategy and develop good practices and tools to support the purchasing process. Standard 15896 not only provides a work methodology; it goes beyond that and defines the essential principles that underpin the department's philosophy.

Does this standard have a real impact on the bottom line of organizations? What about the top line?

Of course it has an impact on both. As I mentioned before, the purchasing function is one of the Company's strategic areas. Its success has a direct impact on the profit and loss account, on the bottom as well as on the top line.

Is the support of the Company's management essential for undertaking the certification process?

I would say that more than essential, it is indispensable. Management is the support that the Purchasing Department needs for its development. It is necessary for management to support the certification process.

Would you recommend other companies strive for securing this certification? Why?

Certainly. Unfortunately purchasing departments are not considered "friendly" departments within companies. We must show every day the added value that we contribute and the Purchasing Standard certification ensures the transparency and objectivity that defines us.

FCC Environment's skills program

At the beginning of this year, FCC Environment UK helped to launch the Joint Workforce Renewal and Skills Strategy for the waste industry. Led by Energy Utility & Skills, an organization for businessmen that helps to ensure that the water and waste management sectors and gas and electricity have the skills required, FCC Environment is one of the leading companies in the industry contributing to this initiative.

The scarcity of job candidates in the United Kingdom who have the necessary skills and experience means that it is difficult to cover 43% of the vacancies in jobs in the fields of science, technology, engineering and mathematics (STEM) according to the United Kingdom's Employment and Skills Commission. By creating a Joint Workforce, the expectation is to be able to attract 220,000 new employees to the sector over the next 10 years.

FCC Environment has already taken important steps to inspire the next generation and make it attractive for them to work in this industry.

At its EfW facility at Lincolnshire, it has created an Educational Centre to help train young people from the community on the benefits of recycling and the process required for creating energy from waste.

Furthermore, it is important to highlight the innovation and creativity in all aspects of this sector. In this sense, FCC's most recent EfW facility in Buckinghamshire was recently recognised for the quality of the design of the facility in the Awards for Excellence in Recycling and Waste Management 2017.

FCC is proud of its contribution to reducing the lack of skills through its program for graduates. According to Shannon Morbey, a graduate and now Assistant Contract Manager at FCC Environment:

«FCC Environment has supported and encouraged me throughout the program and given me every opportunity to develop my skills further in my roles since». It is a complex and complicated sector that affects all of us, with influences from various sectors (from the global economy to local politics) and has something to offer everyone who is willing to give it a chance».



For more information on the Joint Workforce Renewal and Skills Strategy click here.





The FCC Aqualia team guarantees supply in emergency situations

Because of the diversity and complexity of the municipalities where FCC Aqualia operates as manager of the Municipal Water Service, its employees often have to work under extreme weather conditions.

The actions of FCC Aqualia workers in Moguer and Mazagón, in Huelva, fighting the fires that broke out at the beginning of last summer in the area surrounding the Doñana National Park is, once again, an example of the professionalism and commitment to the communities and territories where the Company provides these services.

Despite the many difficulties, employees of FCC Aqualia, which manages the municipal water service in Moguer, were able to maintain potable water supply at all times. Besides supplying water to the population, it was able to provide the necessary water to Infoca – the team in charge of preventing and extinguishing forest fires in Andalusia – so that it could put out the fire and refresh the scorched areas to prevent the fire from spreading. In total FCC Aqualia calculates that 3 million litres of water were used to put out the fire.

This was possible thanks to the joint efforts of FCC Aqualia and the City Council to maintain the flames away from the Mazagón deposit with water pumps functioning 24 hours refreshing the perimeter of this strategic installation.

The deposit stores water from the sources, in this case, the Tinto Wastewater Treatment Plant (WWTP), the only source of supply available after three wells in Mazagón were burned and became inoperative. The water from the WWTP was pumped to the network that supplies water to households.

It was precisely from the hydrants at this facility that the Infoca technicians obtained the water for putting out the fire; hence the importance that this facility was not affected by the fire and was able to maintain sufficient pressure in the network. Even though it suffered some damage, it continued to function thanks to the involvement of workers from Moguer as well as the support of workers from San Juan del Puerto who worked without a break from the moment that FCC Aqualia had access to the facilities to perform the repairs and maintain the continuity of the service, aware of the importance of water in the context of this terrible fire.

Water is one of the basic day-to-day services, particularly in the summer months when temperatures are extreme. This is also the case of the FCC Aqualia team in Tomelloso, Ciudad Real, where extreme heat where the heat made it extremely difficult to repair a breakdown in the city's general supply network.

In the early hours of the day, a worker from the Comunidad de Regantes Estrecho de Peñarroya (the Estre-









> Water is one of the basic day-to-day services

cho de Peñarroya Irrigators Association) broke one of the pipes when he was repairing the irrigation pipelines. The operators at FCC Aqualia, who were on call, urgently went to the identified zone to apply the protocol for this type of emergency situation: immediately closing the outlet valve of the Santa María deposits thereby preventing a greater water leak that would have led to the rapid depletion of the deposits.

The repair work was extremely complicated since the area was flooded and the initial estimate for repairing the pipe was about twelve hours, too long in view of the high temperatures in August in Castile-La Mancha. The expertise and experience of FCC Aqualia's professionals performed the work in one third of this estimate and worked when the temperature was close to 40 ºC.

Thanks to the efforts of the FCC Aqualia team that worked around the clock, it was possible to gradually restore the water supply to the city. In the social networks, the mayor of Tomelloso, Inmaculada Jiménez, and other public officials recognised the work performed by the team of FCC Aqualia professionals who "despite the heatwave, were working non-stop repairing the pipeline".

The FCC Aqualia team in Almansa also knows how to work in an emergency but indifferent weather conditions to ensure basic water supply to a population experiencing one of the most extreme snowfalls that they remember such as the one at the beginning of this year.

Because of the great snowfall, the city, its more than 24,000 residents and all roads of the city were completely isolated. The overhead high-voltage power lines were also seriously damaged and 76 electric towers fell down.

From the start, FCC Aqualia office and its employees worked round the clock to ensure water supply and prevent the depletion of water reserves. The managers of the branch office were able to defend the priority as part of the emergency efforts and were able to access the water supply pumps to assess the damage, protect them and find another alternative source of energy other than the water pumps which are situated in difficult to reach areas in the Sierra de la Oliva and Monte Mugrón areas.

Based on the information obtained, a Contingency Plan was drawn up and, thanks to the work of the FCC Aqualia team in Almansa, who worked 72 hours non-stop, day and night, supply was maintained without any alterations.

After the storm the water service and its workers were congratulated personally by Francisco Núñez, the mayor of Almansa, and Tania Andicoberry, councillor of the Water Department, who at all times supported the employees and highlighted their efforts and commitment in this emergency.

These situations represent a clear example of the vocational component with which the FCC Aqualia team performs its activity so that, whatever happens, citizens are able to enjoy quality water 24 hours a day, 365 days a year.

Two FCC projects on **sustainability in cities**, recognised by Forética

Through its Water and Environment Divisions, FCC has taken part in the Sustainable Cities Initiative (Urban Sustainability Challenges and Opportunities for Companies), promoted by a leading Corporate Social Responsibility (CSR) institution, Forética. This initiative aims to share best CSR practices on urban sustainability from the environmental and social perspectives.

FCC, as a Citizen Services Group which includes the connection to citizens as one of its pillars, aims to provide innovative solutions that promote the transformation of cities and a high level of well-being for its residents. This is the vision behind its work on multiple projects across its business divisions.

As part of this initiative, Forética recognised the valuable and innovative contribution to Sustainability from two FCC Group projects: the FCC Environment SEEEUS® project and FCC Aqualia's Communication Plan for the Pityusic Islands (Ibiza, Formentera and neighbouring islets). Both projects have been selected together with another 59 initiatives out of a total of 520 submitted by various participating institutions, such as companies, government agencies, NGOs, educational institutions and other Spanish organisations.

The SEEEUS® (Environmental for Efficiency Evaluation of Urban Services) project, presented by FCC Environment, is an ICT system, which enables a new and integrated way of monitoring, calculating and communicating environmental information.

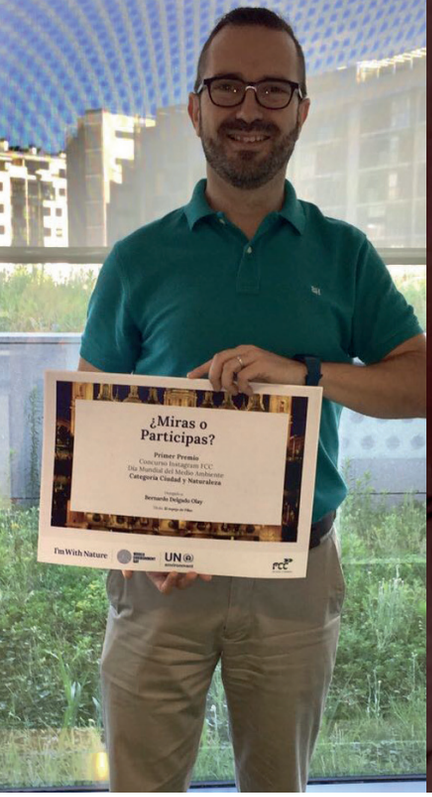
With SEEEUS®, FCC offers its customers a new environmental consulting service that relies on a tool developed internally through scientific partnership and verified by a third party. Through it, the relevant indicators (KPIs) are generated to evaluate and improve efficiency in the environmental management of services. This ensures the responsible use of energy and water resources as well as the reduction of greenhouse gas (GHG) emissions and waste production.

This tool will inform stakeholders (employees, customers, suppliers and citizens) about the progress made in complying with the 2030 Sustainable Development Goals in addressing climate change (SDG 13) and the development of sustainable communities (SDG 11).

Forética also praised FCC Aqualia for its Communication Plan in the Pityusic Islands, which raises awareness about the responsible use of water in these islands that started in 2015 and will be in force until 2020. The action was conceived as a proactive strategy, actively involving residents, tourists, administrations and the media.

As part of the "Live the Island, Protect its Water" awareness campaign, leaflets were distributed with tips for responsible water consumption in hotels, municipal facilities and Aqualia offices. These were also published through advertisements in the local media and on the back of water bills for users in Ibiza and Formentera.

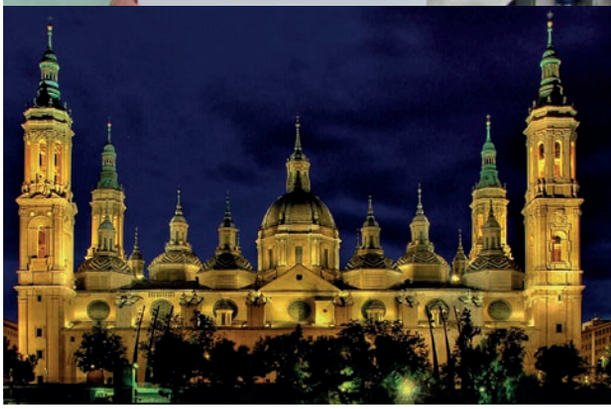






Bernardo Delgado





Augusto García Martínez

Awards ceremony for the FCC Group's Instagram contest

"Do you watch or Participate?

FCC gave a diploma to the winners of the Instagram contest organized by the FCC Group "Do you watch or participate? That was launched on World Environment Day and whose purpose was for people to be connected with nature (I´m with Nature).

The winners who collected their diploma were:

- In the City and Nature category, Bernardo Delgado Olay, an FCC Aqualia employee, for his photo "El espejo de Pilar".
- In the Sustainable Gestures category, Augusto García Martínez, SVAT employee, for the image entitled "Hormiga&Lucas".
- In the Natural Landscape category, Olga Sabrina González Olivarren, from Panama, whose photo was entitled "Los colores de la naturaleza".

The contest had a great impact worldwide. More than 270 publications have made this initiative a trending topic during the entire week under the hashtag #FCCWithNature. With this initiative, FCC has wanted to encourage environmental sustainability and the global challenges of the 2030 Agenda as well as to share this initiative which is registered at the UN.

https://unep.bsd.net/page/event/detail/4jvj2

All the photos received are now part of the United Nation's World Environment Day website:

http://worldenvironmentday.global as part of the I´m with Nature initiative.

Thanks to everyone who participated in this gesture to nature.



Olga Sabrina González Olivarren





FCC contributes to giving a new face to **Loma de Guadalupe,** in La Chorrera (Panama)

At the township of Guadalupe, located in the La Chorrera district in the province of Panamá Oeste, is a popular sector known as Loma de Guadalupe where it was common to hear complaints about the bad conditions of the roads and the difficulties faced by the population to go and leave the place.

The Loma de Guadalupe road was made of dirt, making access very difficult.

For some months now, the situation has changed for the more than 400 families who live in the surrounding areas since FCC Construcción América has refurbished the main road to the community, cleaned brook, installed a new sewer system and built a new road for vehicles where previously there was only a pedestrian crosswalk.



Work executed to benefit the local residents

The above-mentioned works are in keeping with Corporate Social Responsibility activities by the Company in communities near the El Coco Quarry, administered by Sociedad Agregados y Materiales de Panamá, S.A (AMPASA), as part of the FCC Construcción Group in America since 2005.

Ernesto Sosa Morales, the engineer in charge of production at this quarry and head of transport, explained that the Company is always willing to collaborate for the welfare of people who live in the areas close to the quarry and that the work executed, in addition to improving transport in the region, also contributes to reducing the amount of dust and mud since most of the street was previously made of dirt.

Sosa explained that 1,606.50 m2 of the road was levelled and filled, compacted with a 10 cm layer, the base layer was sealed using #5 stone (1st sealing) and #7 sto9nes (2nd sealing) in order to ensure that it was a quality work.

For María Díaz, who has been living 32 years in Loma de Guadalupe, the work carried out by FCC Construcción América has improved the lives of its residents 100% since the former bad conditions of the road was responsible for transport and safety problems and also in relation to the collection of waste.

Remarks by María Díaz

""I was very worried because there was a big hole on the side of the street behind my house and was afraid every time that a car drove by", she said. It was very gratifying for her to see the speed and the quality of the work executed by the Company.

Abundio González, who has lived in this place for 27 years, remembers how taxis and private cars often left the neighbours at the beginning of the street and they had to walk the rest of the way because cars would always get stuck in the mud.



María Díaz has lived in Loma de Guadalupe for the past 32 years.



Abundio González remembers how difficult it was to live there a few years back.



Jose Sosa Morales, the engineer in charge of production at the El Coco quarry.

Remarks by Abundio González

"The cars that would were pick-up trucks and 4x4s", González said. "The situation is different today. The road was almost impassable before but now, it is a source of pride for the residents of Loma d Guadalupe since those from the surrounding districts such as La Pesa 1 and 2 use the new road to arrive home earlier and more safely".



Game vs. Education



FCC Austria Abfall Service AG takes part of the new game „Business Master". It can be compared to the well-known game „Monopoly" – instead of buying streets, players have to buy companies while answering business questions. Among other prestigious companies like Magna Steyr, Andritz AG, AVL, Siemens, OMV etc. FCC Austria sponsores this game and owns a game-field as well as question cards. „Business Master" can be ordered by schools to be used in classes. Background of this game is to show the students the connection between the topics learned in school and the real life situations in companies while having fun playing the game. Additionally companies can provide gerneral information about their business and career opportunities for graduates of schools. More than 2800 schools are already using this game in their classes - played by more than 330.000 students.



Commitment, innovation, and setting an example, the pillars of **FCC's corporate social responsibility policy**

The year 2016 was marked by three milestones in the Global Sustainability Agenda: the launch of the Sustainable Development Goals (SDGs), the Paris Summit on Climate Change, and the implementation in Spain of the Non-financial Reporting Directive of the European Commission of 2015. The FCC Board of Directors, aware that the challenges, risks and opportunities of this agenda are closely linked to the Company's strategy, in July 2016 approved the Corporate Social Responsibility Policy as a framework for the Group's responsible performance. In addition, the FCC Corporate Social Responsibility Division, as was the case years before, was to report directly to the General Secretariat.

This CSR policy represents the Company's roadmap in this respect and contemplates the business commitments in terms of corporate integrity and ethics, respect for the environment, and the creation of value shared with society. It is underpinned by three pillars: Connecting citizens, Smart Services, and Exemplary performance.

These FCC Group CSR initiatives and projects revolve around these three pillars. Below is a description of the main milestones achieved in each of them.

Connecting citizens

FCC's constant efforts to build long-term relations with its stakeholders based on trust enables it to remain connected to citizens. The Group contributes to the social and economic progress of the communities where it operates by implementing initiatives with a positive impact on its own employees as well as with the rest of the society.

Since the start of 2016, the most important community-related projects and measures have been as follows: Initiatives to integrate disadvantaged groups and to help the family members of employees, in collaboration with specialised foundations such as ONCE, Integra, Adecco and Prevent; social inclusion projects and access to basic services to promote social development and to reduce inequality in the community; measures aimed at increasing the business fabric in the regions where the Company operates; cooperation with educational institutions for training and environmental awareness; projects to assess the social and environmental impact

on the communities as a result of the Group's operations to be able to develop measures; promoting the social awareness of our employees through corporate volunteer initiatives.

Also worth highlighting is he social contribution of FCC in the United Kingdom which, in 2016, through the WREN Foundation, allocated more than 8-7 million pounds sterling for 208 social projects.

Smart services

FCC wants to provide smart services in the communities where it operates. These services nowadays are mainly focused on global efforts in the fight against climate change and for the sustainability of urban services.

The Group has a Climate Change Strategy thanks to which, in 2016, the Company's greenhouse gas emissions (GHG) were in line with those of the previous year. It was also able to increase the scope of the calculation of its carbon footprint in its three main business lines which was verified by an independent third party and registered in the Ministry of Agriculture, Livestock, and the Environment.

Furthermore, the Group also contributed to energy recovery. In 2016 it generated 43,168 GJ of energy from biogas resulting from bio-methanisation and biogas from landfill sites, maintaining the same levels of energy consumption of previous years.
In the circular economy model, FCC contributes directly through the management, treatment, and recovery of waste and end-to-end water management. Just in Spain and thanks to the recovery of material at FCC's waste treatment facilities, in 2016 it was possible to prevent the emission of 272,639 tonnes of CO_2eq.

Worth mentioning is the business transformation process in the United Kingdom over the last few years towards a model based on recycling and recovery. The rollout last year of new energy generation facilities led to the production of 128,149.51 MW in 2016 by treating over 188 thousand tonnes of waste.

For its part, FCC Aqualia through the INCOVER project, financed by the European Union with a budget of almost 8.5 million euros, took advantage of the technology for the treatment of waste water to convert WWTPs into factories of products of ecological value.
In its commitment to Smart Services, R+D+i plays a key role for FCC. In 2016, the Company invested 10,298,447 euros in R+D+I projects. Some of these include the Smart sewer maintenance service in Barcelona, six FCC Aqualia projects for transforming biomass from algae into higher value products such as bio-fertilizers and bio-plastics, and the VISION platform for comprehensive management of FCC Medio Ambiente's processes.

Exemplary commitment

The third pillar of the Group's CSR Policy is underpinned by the exemplary commitment of our organization and of its workforce.

FCC works constantly to strengthen its Integrity and Ethics framework, especially through instruments such as its Code of Ethics, approved by the Board of Directors in 2008 and which will be renewed at the end of 2017. On its part, the FCC Response Committee, the body focused on preventing, detecting, and responding to criminal offenses within the Company, manages reported incidences through the Group's Ethics Channel and the Harassment Channel. In the previous year, 20 reports were received.

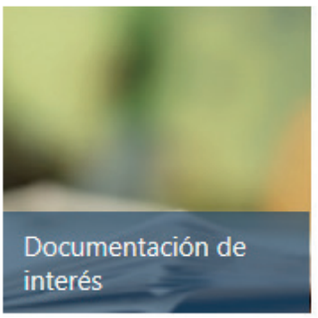
People management at FCC is of vital importance. The Group works towards improving the preparation of its professionals and providing new career opportunities, basically by supporting training. Some of the ones worth mentioning are the International Program for Young Engineers, the Development Program for women with high potential form the Industrial Organization School (EOI, Spanish acronym), and the "Promociona Project" for gender balance in middle management.

As to equality, FCC Construcción and FCC Aqualia have entered agreements with the Ministry of Health, Social Affairs and Equality to increase the number of women in managerial jobs.

Also worth highlighting is the Plan for Improving the Preventive Culture 2015-2018 of FCC which aims to achieve the appropriate preventive climate within the organization. In 2016 the Group's accident rate, the frequency and the incidence index fell 0.5% and 5.3% respectively. FCC Aqualia and FCC Industrial were awarded the Asepeyo and Madrid Community Safety and Health at Work Prize.

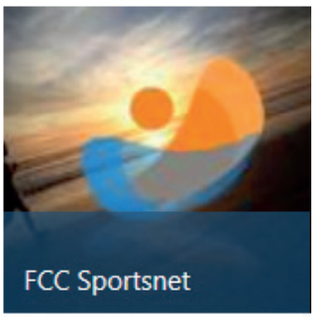
The Healthy Company project continues to gain traction in the Group. Several initiatives were implemented in the Environmental Services business unit thanks to which nearly half of the Company's branch offices were awarded the AENOR Healthy Company certificate.







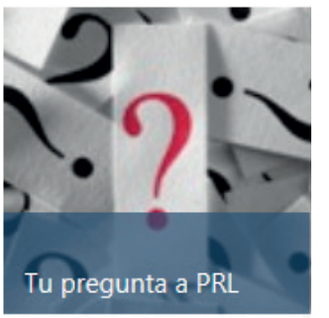












FCC's **Safety, Health and Well–being** website

FCC's Safety, Health and Well-being website is a thematic space for the benefit of FCC employees who can access it form the homepage of FCC's Intranet ONE by clicking on the Safety and Health at Work section.

Different resources and contents can be found at the portal all related to safety and health at work and general well-being. Its contents include the promotion of healthy eating habits, sports and physical activity, and health in general.
With a more intuitive structure and visuals, the new portal aims to put at the disposal of the organization principal and complementary contents as follows:

Principal block

- Documentation of interest: here you can find the main documents governing corporate management of safety and health at the organization such as: the corporate risk prevention policy, the corporate safety and health manual, general sick leave statistics, the hiring of third party prevention services and external prevention of occupational hazards (POH) audit, legal references and the available technical library.

- Road safety: provides access to FCC's road safety portal where you can find news and information on regular campaigns in this respect as well as recommendations and general information.

- Your healthy company: for accessing the FCC platform in collaboration with the Mapfre Foundation on well-being and healthy life habits (food, sports and health).

- FCC Sportsnet: FCC's social sports portal where you can register as a user and have access to proposals on different sports disciplines (in-house and external competitions) as well as socialise with other colleagues in the company in sports-related matters.

- Monitoring health: a planned space for future online access and communication with our medical services (appointments, doctor visits, etc.).

- Corporate headworkers: where you can access basic information on safety and health and how to act in the event of an emergency

at one of the three corporate headquarters: Las Tablas and Federico Salmón in Madrid and Balmes in Barcelona.

- Corporate POH. A space for personal use (technical and management space) on prevention of occupational hazards at the different business units and central services.

- Your question to POH: a contact mailbox where you can leave your suggestions and the queries that you consider appropriate in relation to safety, health and well-being at FCC.

Complementary block:

In this block you can obtain information on, among other issues, the last biannual campaign of the European Agency on Safety and Health at Work, news (Safety and Health Prizes at FCCI, Health News (portal on health-related news and recommendations), FAQs on Prevention of Occupational Health, access to the safety and health portals of your business unit and links of interest.

News and announcements

It also features a block of News and Announcements where news and useful information will be included periodically such as: legal news, news of interest pertaining to the field of safety and health, information on the reference entities within the administration, in-house news, useful publications, grants and other items.

We encourage you to access the portal and take advantage of the possibilities that it offers as a communication channel as well as for having at your disposal all the necessary information on safety and health and on being part of the FCC healthy community.

Communication on POH

Communication is an inseparable part of Occupational Hazard Prevention. It establishes the launch of efficient systems for the exchange of ideas and the search for synergies. It also encourages co-responsibility and reduces resistance to change.

In matters pertaining to risk prevention, the communication systems facilitate the exchange of information, promotes the exchange of concerns, synergies and solutions concerning preventive measures.

The integration of POH involves, to varying degrees, all the hierarchical levels of the Company and, accordingly, communication among these levels becomes essential. In this way, the prevention policy will become part of the organizational structure.

Both disciplines are transversal and should be applied to all levels within the institution. Most certainly a large number of us agree that it is impossible to prevent without communicating. There is no doubt that both should go hand-in-hand.











Healthy nutrition = Healthy lifestyle

Engaging in physical activity, emotional balance, and energy balance to maintain the right weight, healthy food procedures and drinking the right amount of water are the guidelines recommended by Sociedad Española de Nutrición Comunitaria (SENC).

The recommendations of SENC promote a balanced, varied, and moderate diet that includes "whole grains, fruits, vegetables legumes, different amounts of dairy products and the alternate the consumption of fish, eggs, lean meats, jointly with the preferred use of extra virgin olive oil as the culinary fat. It reinforces the interest in a healthy and sustainable diet with locally-grown seasonal products, a pleasurable experience, dedicating sufficient time and encouraging reading the information in the nutritional labels". (Source, SENC)

Physical activity

Physical inactivity, uncontrolled diets, the intake of high-calorie food and a poor diet are health risk factors that can lead to chronic diseases.

WHO initiatives

The goal of the World Health Organization (WHO) is to promote and protect health through healthy eating and physical activity. Improving both represents a unique opportunity for drafting and applying an efficient strategy to significantly reduce mortality and the burden of disease worldwide. It also stresses the increase in fruit and vegetable consumption and recommends, as an objective, the intake of at least 400 grams per day of fruits and vegetables (excluding potatoes and other starchy foods) to prevent chronic diseases such as heart disease, cancer, diabetes or obesity as well as to prevent and mitigate the lack of various micro-nutrients, especially in less developed countries.

In 1997, the World Health Organization (WHO) declared that obesity was a global epidemic which it considered one of the most important health problems worldwide. Today, 20 years later after obesity has become a great public health problem after spreading in developed countries as well as in developing countries and, accordingly, the WHO considers it the epidemic of the 21st century.

FCC, a healthy company

FCC is a pioneer in implementing and developing the Healthy Company concept at its work places. Several initiatives, promoted by the Medical Services and backed by Human Resources, have been launched in the company to encourage a more healthy diet. Among these initiatives, it is worth mentioning the heathy breakfasts in all training sessions and work meetings as well as the hiring of catering services with healthy criteria.

Various resources and contents that promote healthy eating habits, sports, physical activity and health in general can be found at the FCC Safety, Health and Well-being portal.

http://one/sites/rrhh/servprevman/SitePages/Inicio.aspx


LIMIT
QUANTITIES
of alcohol
Fats, oils
and sweets
OCCASIONALLY
Meat,
chicken,fish,
legumes and
dried fruits
2-3 PIECES
Milk, yogurt
and cheese
1-3 PIECES
Fruits
2-4 PIECES
Vegetables
3-5 PIECES
Bread, cereals,
rice and pasta
6 PIECES
55.00
Eight glasses
of water
Weight control
Sleep between
7 and 9 hours
Diary exercise

INTERVIEW

Montserrat Gómez Recasens

Physician in charge of the Medical Services of the Cataluña II Branch of FCC



The doctor in charge of the Medical Service of the Cataluña II Branch of FCC, Montserrat Gómez Recasens, granted an interview to the firm Humanas, Salud Organizacional (http://www.humanas.es/montserrat-gomez-fcc/), where she stresses the importance of implementing a healthy company model in organizations.

What does a healthy company mean for you?

It means an innovative company, with a brand involved in its community and which cares for and empowers its people.

Are healthy companies more human?

Of course, people are the most important assets for healthy companies.

Why is it important, right now, for organizations to consider this type of management model?

Because they are the ones who will be able to overcome the current economic crisis and they will come out stronger.

What are the benefits of the healthy company model in organizations?

Many: better performance, a strong image, quality, cost control…

Companies should find a balance between business development and personal growth. What do you think is the main factor holding companies back in this respect?

The work load, lack of a budget and the hectic day-to-day.

At what point are the companies right now?

At the point of surviving, although this is not incompatible with being a healthy company.

Do you believe that the shift of a company towards a healthy culture is possible?

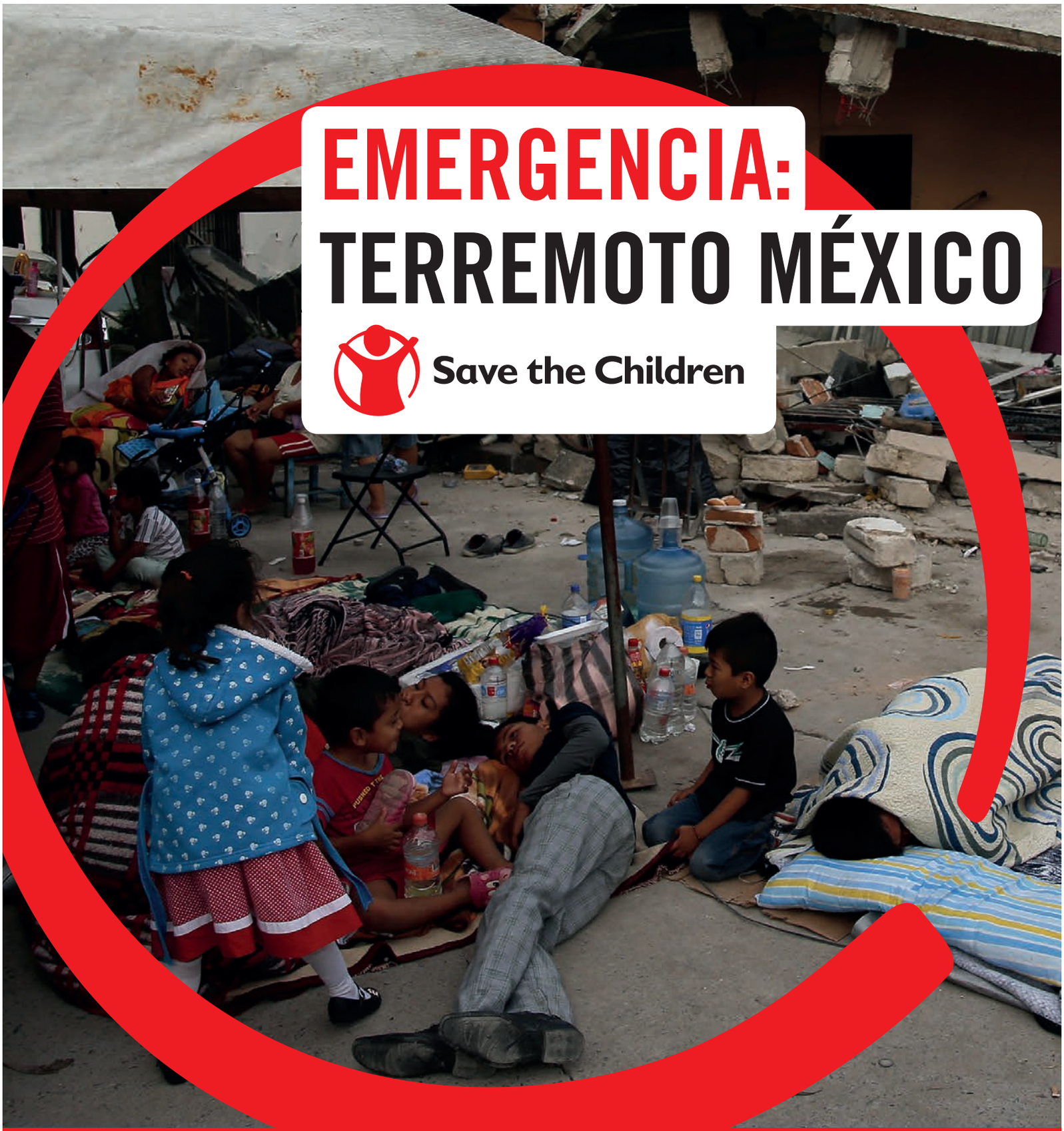
Yes, I believe it is possible. If all of us are doing it, everyone can do it. It is just a matter of wanting to do it.

What are the values and ethical principles that companies must have in this new scenario?

Sincerity, communication, responsibility, commitment, teamwork, continuity…

What are the traits of a “healthy leader”?

Should have empathy, be a communicator, creative, steady, innovative, mediator, brave. I think that a company must have not just one healthy leader; it should various, at least one in each department or section.



EMERGENCIA:
TERREMOTO MÉXICO

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CaixaBank ES89 2100 1727 1202 0003 2834
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Bankia ES81 2038 1004 7168 0000 9930

900 37 37 15
SAVETHECHILDREN.ES

Drones to inspect Barcelona's sewers

FCC participates in a consortium of companies for developing a drone to inspect the sewers of Barcelona in 2018.

Within the framework of the European Echord++ Project (European Coordination Hub for Open Robotics Development), FCC Medio Ambiente and Eurecat participate, jointly with other companies, in the ARSI (Aerial Robot for Sewer Inspection) Consortium which is developing an innovative automatic flying micro vehicle (drone) equipped with multiple sensors that will expedite, facilitate, and improve the work involved in inspecting the sewers of Barcelona. It introduces in Barcelona an intelligent innovative and efficient solution that will be rolled out next year.

The sewerage system is one of a city's main pieces of infrastructure but its inspection requires a large amount of human resources who must work in a confined and dangerous environment with unhealthy conditions. Special safety measures are needed to guarantee their safety and minimise the risk of physical and biological hazards, involving a large number of workers, slow operating procedures and very rigorous protection elements.

With the design of a multi-rotor flying platform equipped with sensors for semi-automatic navigation and data acquisition, the ARSI project solves the difficulties of the service and provides added value in the following points:

- It avoids the need for work teams to enter complicated and potentially dangerous areas.
- It reduces direct labour but generates new jobs which require higher qualifications.
- It offers quicker inspections due to its high manoeuvrability and ease of avoiding obstacles and uneven floors.
- Its small size allows the inspection of sections less than 1 m wide.
- It enhances the collection and handling of data on the sewerage system with a holistic approach for integrating the sensors' results in existing information platforms.

As the head of FCC Medio Ambiente's Technical Department in Barcelona, Raúl Hernández, explains, "we must be aware that today the provision of a good service is based on the exhaustive knowledge of the infrastructure involved. The increasingly frequent need for all the data on the condition of the sewerage system is a demand of councils for which there is no answer in the market. The combination of experience with the different organisational capabilities to create ARSI is an example of success that we will certainly repeat in the future. Perhaps the most difficult technical challenges were the lack of communications coverage underground and the limited autonomy and mobility in such a difficult environment as the underground sewerage systems."

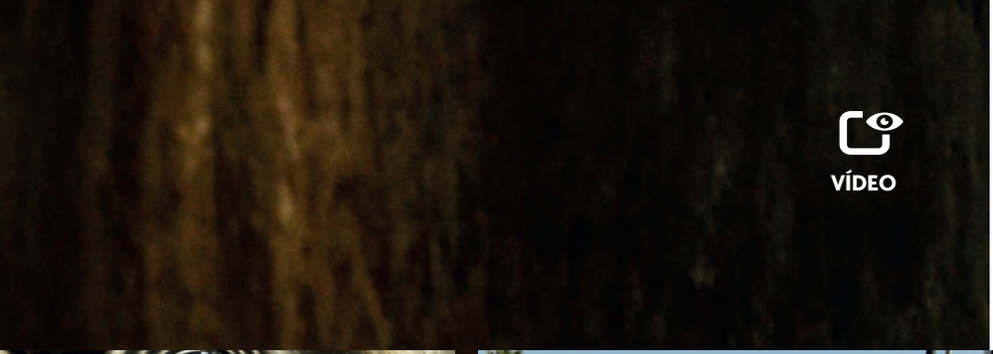
"The project is now in the advanced prototype phase and for FCC this technological solution will provide safety and comfort in the work, very important improvements in the productivity rates and cost reductions," he adds.

The Director of the Eurecat Robotics Unit, Pepa Sedó, noted that, "this is the first time that the profitability of using drones in an activity such as sewerage inspection has been analysed" since the annual inspection presented various problems due to the uneven terrain in full of obstacles. From her point of view, "the great flexibility and manoeuvrability of drones makes them ideal vehicles for underground inspections."

About the consortium

This consortium fully covers the value chain including the following partners: FCC Medio Ambiente, an international market leader providing environmental services in urban areas, which has managed the Barcelona sewerage system since 1911, Eurecat, a technology centre member of Tecnio with experience in autonomous robots for difficult environments, IBAK, a world leader in the creation of robots for sewerage inspection and Simtech Design, a company specialising in flying robots.





The ARSI project, in which FCC participates, awarded by Eurecat as “Relevant Project”









The Barcelona Technology Centre, Eurecat, has awarded the “Relevant Project” prize to the ARSI project (Aerial Robot for Sewer Inspection). FCC Medio Ambiente and Eurecat, in a consortium with other companies within the framework of the European Echord++ (European Coordination Hub for Open Robotics Development), are responsible for the project.

The prize was received on behalf of FCC Medio Ambiente at the Future Industry congress by the head of the company’s Technical Department in Barcelona, Raul Hernández, who thanked everyone in FCC who collaborated in the project for this recognition. “It is an honour for me that an organisation such as Eurecat has awarded us this prize. It has been a real pleasure to work with all the partners in the consortium, especially Eurecat, who are great professionals with enormous technical capacity and an unbeatable attitude.” Hernández ended his speech by saying that, “we hope this collaboration will be the start of a great relationship and will provide a succession of innovations in our services.”

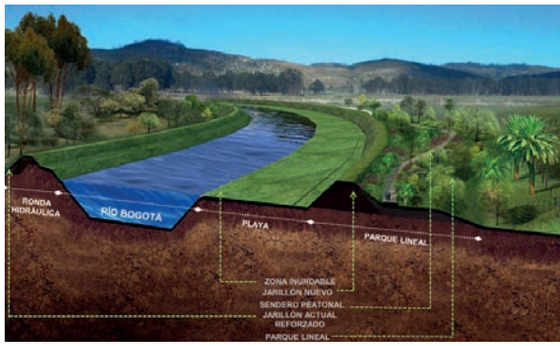


Adaptation of hydraulic works and recovery of River Bogotá

An environmental and socially necessary project

The agreement for the Hydraulic Adaptation and Environmental Recovery Project of the Bogotá River was signed in December 2012.

Work has consisted of the expansion of the river (from 30 to 60 metres width) by relocating the longitudinal mounds, deepening and enlarging the riverbed. The goal of the project is to obtain better hy-







draulic levels to minimise the risk of flooding and to improve the environmental conditions of the river by implementing a landscaping project and recovering the areas of ecological interest such as wetlands and meanders.
With a budget of more than 53.8 million euros, the project was executed in 50 months.
Work involved the contention and dredging of River Bogota along the 52.5 km through the city of Bogotá.
The adaptation resulted in a more than double increase of the river's original water capacity thereby reducing the risk of floods for neighbouring communities.

The project took off in February 2013 and, during the 4 years of work, eight million cubic metres of soil was excavated of which more than 4 million were from the dredging of the riverbed. Dykes were also built along both sides of the river, creating a beach 30 metres wide along the entire river thereby achieving the expected increase of its capacity.

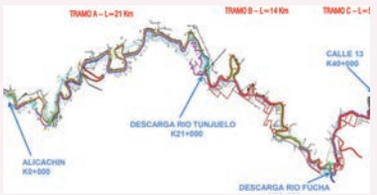
Landscaping along the banks of the river involved the planting of more than 100,000 different types of native bushes and trees in the lower zones subject to flooding and in those that are not affected by flooding. Two parks were created, the San Nicolás Park in Soacha and the Porvernir Park in Bogota.
This infrastructure has benefited more than 6 million people and 125 families that lived along the River Bogota were relocated.





FCC Construcción was in charge of expanding the river's hydraulic section and of the protective longitudinal mounds. It also executed the necessary excavation and dredging for enlarging the river's hydraulic section. All this work makes it possible to minimise the risk of flooding by reducing the levels of the sheet of water as contemplated in the project.

The project was divided into three sections as contemplated in the project: A, B and C with section A extending from K. 0+000 to approximately K. 21+000; section B from K. 21+000 to K. 35+000 and section C from K. 35+000 to K. 40+000 and the addition to this one from K40+0000 to K 52+500.







The client, Corporación Autónoma Regional de Cundimarca, thanked FCC Construcción for its work and, in the results of the project, mentioned that last winter the volume of water reached 122 cubic metres per second, peaking at 202 cubic metres per second, more than surpassing the normal levels which are usually at around 50 cubic metres per second. This confirmed that the results of the execution of this project were in line with expectations and as contemplated in the original design as well as the Company's excellent execution of the project.





Arad (Rumanía)



Arad Streetball:

for the 1st time in Arad!

FCC Environment România (former .A.S.A. Servicii Ecologice) organized in collaboration with FCC–ICIM Arad, the women's basketball team of Arad, the 1st edition of Arad Streetball event.

Arad Streetball took place on the 26th of August, in Avram Iancu Market (behind the „Ioan Slavici" Clasic Theatre of Arad), between 09:30 – 21:00. The event was part of Arad Days, a traditional event organized every year by the City Hall of Arad, through the Municipal Cultural Center of Arad.

Basketball fans from Arad and sport lovers in general, had the opportunity to participate in a unique event, organized for the 1st time in Arad, for those who love competition and outdoor activities.

The competition gathered 16 amateur teams, both women and men, from Arad, but also from Timisoara. Despite the heat from that day, they managed to entertain us with successful matches. Of course, one of the team was the FCC Environment Romania team, which surprised us with their results. Also, Lucie Zumrova, our Head of Communication & CSR had the opportunity to practice one of her hobbies (the basketball) by participating in the competition.

Beside the basketball competition, the event offered to the audience other side events, such as: demonstrative games, a children competition where bins and a lot of colored balls were involved, with Gabriel Iazbinscky (the moderator of the event), cycling lessons with Cristian Jidovu - from FitAcademy and a lot of music.

One of the attractions was the demonstrative match between the girls from FCC-ICIM Arad and the representatives of UTA, the football team of Arad.

At the end of the event, the winners were celebrated at the Award Ceremony, where they received cups, medals and many other surprises.

The FCC Group has a new blog

FCC Group, a leading public services company, has launched a new blog, a space added to the company's current communication channels as a reference for information and news in the public services sector.

Blog FCC is a reference space for the environment, water and infrastructures, aimed at the public, emphasising matters of interest for the future and the progress of society.

2016 was a turning point for FCC Group. The synergy and collaboration between business areas has given it solidity and ensured it is working as a single company. This is an important progression in its consolidation as a group, and this blog is a reflection of this new strategy. Knowledge will be shared from three activity lines, environmental services, integrated water management and infrastructure works.

Through this new channel, FCC brings the public closer to current affairs, share expert interviews and opinions, and reports on innovations in cutting edge technologies and research projects. It also reveals how FCC has undertaken some of its most important projects and how they help to improve the life of the public. Above all the blog will raise awareness of matters to which the Group is committed such as the circular economy, the environment, water management, the future of cities and the Sustainable Development Goals, among others, that are vital for the future progression of our society.

Welcome to the FCC Group blog.



Blog



Featured news



20/09/2017
FCC Group launches a new blog



20/09/2017
The millennium challenges: what challenges are the cities facing?



20/09/2017
FCC is working every day to make cities more livable for people



20/09/2017
Human right to water and supply cuts



19/09/2017
FCC Construction and sports facilities in Madrid



18/09/2017
Occupational health and safety: the importance of prevention at all levels of the company

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Learn about the FCC Group's social networks









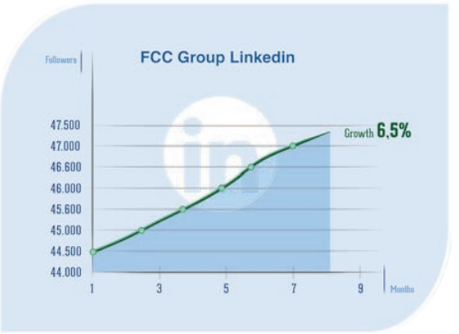




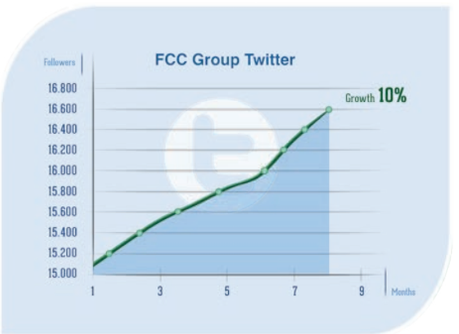
Social networks are nowadays the best vehicle for disseminating information so that employees, clients, and shareholders and others can keep up-to-date on the activities of the FCC Group.

In LinkedIn, the largest professional social network in internet, with more than 300 million members and present in more than 200 countries, FCC already has nearly 47,000 followers. In Twitter, we have more than 16,500 followers. In Facebook, we have about 1,300 followers. In the YouTube channel, the Group has received more than 235,000 page views and has more than 5,788 subscribers.

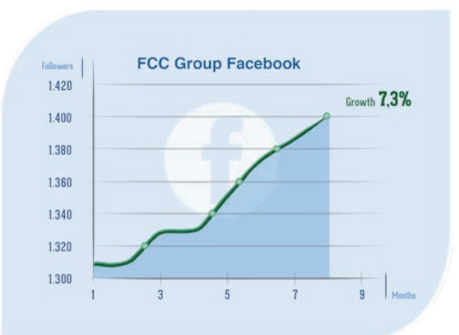
Our aim in these channels is to keep our followers informed about new contracts awarded, the main contracts, the progress achieved in projects, research projects, etc. as well as to describe the novelties in the various FCC business units and share experiences and knowledge with other professionals.



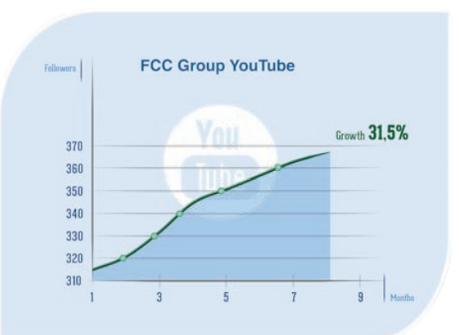
LinkedIn FCC Citizen Services



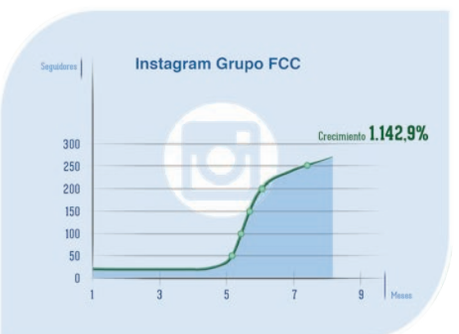
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Facebook FCC Gruop



Gruop FCC - YouTube



https://www.instagram.com/fcc_group/





FCC Environment to provide waste collection and street cleaning services in Bilbao and serve Mercabilbao for the next four years

Bilbao City Council has awarded a joint venture in which FCC has the majority shareholding, a contract for providing street cleaning and waste collection services in the city and waste management at Mercabilbao for a term of four years which could be extended for another two years. The annual contract value exceeds €43 million, with a total backlog, without extensions, of €173.4 million.

FCC Environment awarded the contract to manage the Pinto light-packaging waste sorting plant (Madrid)

FCC Medio Ambiente has been awarded a five-year contract, worth a backlog of 10.5 million euros, to manage the Pinto light-packaging waste sorting plant that belongs to Mancomunidad del Sur (Intermunicipal association of Southern Madrid region).

The facility processes a total of 23,000 tonnes per year of light-packaging selective waste, collected in yellow bags, in order to recover the recyclable fraction of these containers. The facility is one of the largest of its kind in Spain, providing services to a population of 1.7 million and employing 37 people.

FCC responds to hurricanes Irma and Harvey



FCC Environmental Services has responded to Hurricane Harvey and Hurricane Irma by clearing floodwaters and aiding small businesses in Houston, as well as taking part in the clean-up operation in Polk County.

FCC Medio Ambiente wins pre-collection, collection, and transport of waste from the municipalities members of the Lea-Artibai (Biscay) Local Area Association



The Lea-Artibai (Biscay) Local Area Association awarded a contract to the joint venture of which FCC Medio Ambiente is the majority shareholder, for services involving the pre-collection, collection ad transport of waste generated by the municipalities members of this Association for an eight-year term plus a 2-year extension. Total revenues from the contract amount to more than 4.9 million euros.

FCC joins #ForTheClimate Community Initiative

FCC Group, through FCC Environment and FCC Construction, has joined the Community Initiative #ForThe Climate. We are committed to reducing greenhouse gas (GHG) emissions from our activities through the implementation of good practices and by contributing to the Fight for the Climate. Being part of the pioneering #ForTheClimate initiative links us to a community of people, companies, organisations and public administrations who want to play an active part in the fight against Climate Change. This initiative emerged from the project that brought to COP-21 in Paris more than “One Million Commitments” to the climate by Spanish institutions and citizens.





FCC Industrial upgrades the fue–lling facilities for aircraft and the hydrant system at Dublin Airport (Ireland).

FCC Industrial executes the EPC (Engineering, Procurement and Construction) contract for upgrading the fuel supply facilities for aircraft and the hydrant system at Dublin Airport for its client CLH Aviación (Compañía Logística de Hidrocarburos). One double-wall storage tank has been built, out of the three tanks contemplated in the contract, with a capacity of 5,000 cubic metres. The Company is also executing the ancillary facilities and the fuel loading platform for the airport cisterns, the installation of an underground pipe network and refuelling hydrants at the runway.



The Almonte Viaduct, built by FCC, wins Global Best Projects Award

The Almonte Viaduct, built by FCC, was the winner in the fifth edition of the Global Best Projects in the bridge and tunnel category, an award organized by ENR (Engineering News Record). Two panels of judges selected 23 projects from 17 different countries and six continents. The panel of judges analysed aspects such as occupational safety aspects related to the project, the innovations introduced, the quality of the design and construction, the benefits of the project for the local community, as well as the diversity of the teams in charge of executing the project.

The construction of Line 2 of the Panama Metro is 53% complete

Progress on the construction of Line 2 of the Panama Metro has now reached 53%. Worth highlighting is the installation of 90% of the U beams on the Pan-American Highway section of the project, which is planned for completion at the beginning of October.



The Cañas–Liberia Road in Costa Rica wins CEMEX award for techno–logical innovation

The Cañas-Liberia Inter-American road, built by FCC Construcción in Costa Rica, was awarded a prize in the Technological Innovation category in the 11th Cemex Projects Prize on 25 August. This prize recognises the best construction practices worldwide and their creators in five categories (residential housing, economic housing, building group space and infrastructure) and four special awards (universal accessibility, sustainable building, social value and innovation in construction).





FCC Aqualia, managing the Municipal Water Service of Jaen during the past 20 years

FCC Aqualia celebrates its 20th anniversary of managing the Municipal Water Service in Jaen with a satisfactory track record. The main achievements of these last two decades included the increase in its own supply resources and in storage capacity, maintaining the difficult balance of pressures, and optimising consumption, the last achievement particularly worth mentioning after having succeeded in saving more than 10 million litres per day.



Aqualia's local support of Cáritas

FCC Aqualia launched an initiative as part of its agreement with Cáritas and has organised a series of events to deliver a symbolic cheque with the Company's annual contribution, the result of an agreement signed by both parties. As part of its corporate social responsibility, Aqualia donates to this charity a sum equivalent to their water supply bills.

FCC Aqualia signs the contract to build the Abu Rawash treatment plant in Egypt

Hassan El Far, CAPW Chairman (Construction Authority for Potable Water and Wastewater), Luis de Lope, FCC Aqualia's International Director and Maged Abadir, Orascom Chief Operations Officer (the company which completes the consortium alongside FCC Aqualia) have signed the contract for the design, construction and maintenance of the Abu Rawash wastewater treatment plant in Cairo (Egypt).



FCC Aqualia improves the quality of tap water in Bilbao



FCC Aqualia has challenged the residents of Bilbao to participate in an interesting test as part of the campaign to promote the consumption of tap water, emphasising the high quality of this sources in the capital of the province of Biscay. The campaign stressed the advantages of drinking tap water, not just because of its quality, but also because of its environmental and financial advantages.

NEW contracts

Canal de Isabel II entrusted FCC Aqualia with the project for optimising the Majadahonda (Madrid) Potable Water Treatment Plant (PWTP) where water from the Picadas reservoir in the Alberche River and from the well field in Guadarrama is treated. In the Madrid Autonomous Community, the Getafe City Council also renewed its contract with FCC Aqualia for another year. The contract contemplates the conservation, repair, and upgrade of the decorative water fountains and other water installations.



The Tarifa City Council (Cádiz) extended the contract with FCC Aqualia and entrusted it with water management at the exclusive Atlanterra resort. With a population of 12,000 during the summer months, this resort consumes more than 500,000 m3 of water and the contract contributes over 820,000 euros in turnover.

In addition, the Incarlopsa and Lácteas García Baquero groups from Castile-La Mancha renew their confidence in FCC Aqualia for the treatment plants at its factories. These two new contracts bolster the Company's positioning in industrial wastewater treatment where it already works with other companies such as Central Lechera Asturiana, Mondélez International (Kraft Foods), Cosentino, Grefusa and Danone.

"El agua cae del cielo, debería ser gratis"

¿mito o realidad?

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Más allá de realizar un debate ideológico y político sobre los modelos de gestión del agua, lo que interesa a la ciudadanía es contar con un servicio excelente, de calidad y para todos, independientemente de quién preste dicho servicio. Es necesario informar sobre realidades basadas en hechos y así, derribar los falsos mitos.
Para cumplir ese objetivo, detallamos una información real sobre la gestión del agua en **informacionrealdelagua.com**.

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