Communication Network

News for the people of FCC

FCC Aqualia to build a pharaonic wastewater treatment plant in Abu Rawash

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The first waste collection contract awarded to a Spanish company in the U.S.

FCC Environment, in collaboration with the Hull City and the East Riding of Yorkshire city councils in the United Kingdom, opens a second-hand shop

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Communities

Orange County (Florida)

FCC is the first Spanish company to secure a waste disposal contract in the U.S.

FCC won a 10-year contract put out to tender for solid urban waste collection in Orange County (Florida). The contract is worth 95 million USD, around 85 million euros.

The tender was divided into five zones and FCC has been awarded with two of them, the maximum that a single company could get according to the specifications of the tender. It is one of the largest contracts of its kind awarded in State of Florida and shall enter into force on 1st January, 2016.

Orange County has 1.2 million inhabitants, making it the fifth most populous county in Florida State. The entire metropolitan area of Orlando sits within Orange County, including its famous theme parks. With over 65 million tourists per year it is one of the most popular tourist places in the country and one of the most visited places in the world.

The two areas of Orange County awarded to FCC have a total population of 400,000 inhabitants that annually produce 100,000 tons of garbage generated in the 83,000 dwellings distributed by zones.

FCC secures the first waste disposal contract awarded to a Spanish company in the U.S.

For the collection of urban solid waste FCC will use automatic side loading trucks powered by less polluting and quieter natural gas engines.. The new technologies that FCC, the Citizen Services Group, will bring for the fulfilment of the contract will allow carrying out a quality work and will also contribute to environmental protection.

FCC Environment activity in the USA

FCC is present in the United States through FCC Environmental Services, the subsidiary of the Environmental Services Group in that country. Its services include: garbage collection business and services, recycling and treatment of urban solid waste, industrial waste management, and waste treatment from the production and explo-

> "The contract is worth 95 million dollars, approximately 85 million euros"

ration of oil and gas, soil decontamination and other environmental services.

Since 2010, FCC has managed Alabama's oil treatment plant residues, the only plant of its kind in the Gulf of Mexico. It is located in the area where the highest concentration of gas oil platforms in the country at sea exists.

In December 2014, Houston's city council (Texas) awarded the company the contract for handling and final disposal of all biosolids or sludge from the treatment plants in the city and surrounding counties. The 30 million euro contract is for a period of five years. This contract was the first one of the Citizen Services Group in USA after the Heritage-Crystal Clean local company sold its business of collecting and recycling used industrial oils, in the North-American country, for 70 million Euros in October 2014.

Present in more than 5,000 municipalities

FCC, the Citizen Services Company, provides its environmental services in more than 5,000 municipalities scattered throughout the world where serves 28 million people and collects over 12 million tons of solid waste per year.

In Spain, FCC Environment is present in 3,300 municipalities in which more than 8.5 million tons of urban solid waste collected generated by a population of over 18 million inhabitants.

In Central and Eastern Europe, FCC is present through FCC Environment CEE (formerly ASA) and provides services in 600 municipalities and collects garbage from a population of 2.5 million inhabitants.

In the UK, where it operates under the name of FCC Environment, is present in 900 municipalities and provides services for collecting solid waste to a population of 4 million inhabitants.

In other countries where FCC Environment is present (Egypt and Portugal), the Citizen Services company performs garbage collection services in 21 municipalities, serving a total population of 3.5 million.

Interview with Iñigo Sanz,

director of the America Zone of FCC Environmental Services

"It has been a very important and exciting award because it opens the door to future business in the U.S"

What has it meant for the team to have been awarded this contract?

It has been exceptional news and a stimulus that convinces us that the more than 100 years' experience in Spain can be capitalised in the biggest market in the world, the United States. We have ahead of us the opportunity to develop an activity that is truly promising in this country.

Did you have to face tough competition?

Yes, we had to face the toughest and most aggressive possible competition. The leading U.S. companies, Waste Management, Republic Services (the two leading companies worldwide) as well as Advance Disposal, Progressive, Waste Pro, and others, were among the current service providers and competitors in this tender process. The battle not only involved the offer but also the numerous appeals that were filed after the preliminary award. Fortunately, we were able to create a very complete and competitive offer and knew how to defend the bid during the more than four months of appeals that we had to face.

> I have to be very thankful for the members of the team and the respective Divisions and Departments of the Group that provided their collaboration

Tell us about the current waste disposal service in Orange County, especially about the two zones awarded to FCC. What material resources were used?

Currently, waste is collected manually using back-loading diesel trucks which collect waste on a weekly basis. The services currently provided by three companies that collect waste in the five zones into which the county is divided for the purposes of this service.

What are the names of the two zones where we will be providing this service? What are they like, are they business or residential areas?

NThe two zones awarded, the maximum number according to the tender specifications, are known as zones 4 and 5. We are also the only company awarded two adjacent zones and this offers great advantages for providing the service, setting up the park, designing the routes, etc. In addition, the landfill is situated in the axis separating the two zones. These are essentially large residential areas with some theme parks, with about 83,000 homes where about 400,000 people reside.

Will the lives of the residents of these two zones change much when FCC starts to collect waste?

They will certainly be receiving a better service, provided by a new and modern fleet of vehicles designed specifically for this purpose and by a team of professionals combining the experience of FCC in other parts of the world, with knowledge f the local market provided by our people in the U.S.

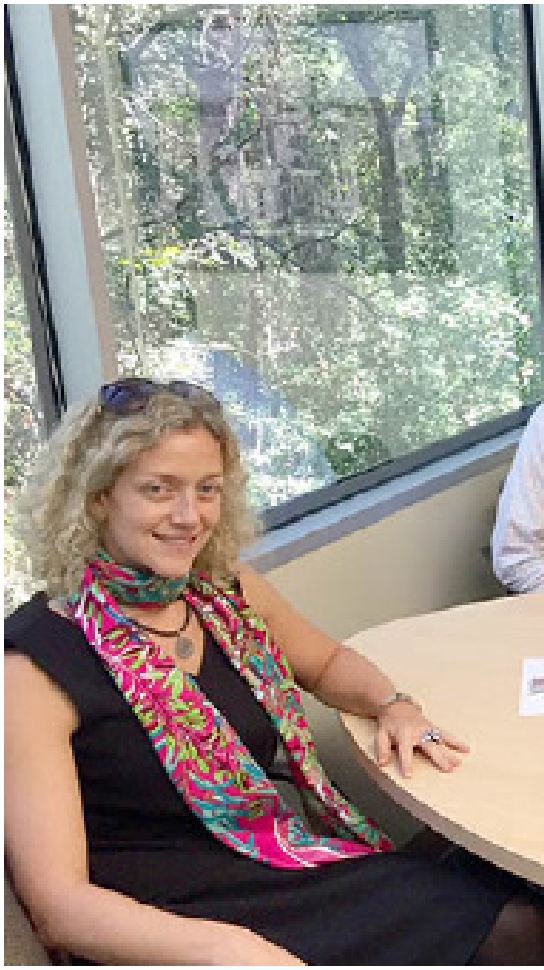
What are the innovative proposals that FCC is offering for providing this waste collection service?

To provide this service, FCC will be using new automatic side-loading trucks which run on natural gas which are much more efficient, competitive and safer and with less emissions than the ones that are currently being used. We will also put into practice the knowledge and experience of our technical services in terms of procedures, tools and applications, all types of supports, software, telematics, performance and collection controls etc. to ensure the efficiency and quality of the service which will undoubtedly have a positive impact on the residents of Orange County.

Will we be collecting waste form many of the theme parks?

I hope that this will be the case but this is still not part of our contract which only involves household waste. Nevertheless, having a park of trucks and a potent waste collection structure in Orlando will undoubtedly allow us to tackle the huge commercial waste market of the city which has 16 theme parks, thousands of hotels, restaurants, and other facilities due to the more than 60 million visitors each year. Commercial waste, however, is something that we will have to develop and promote by taking advantage of the launching pad generated by this contract.

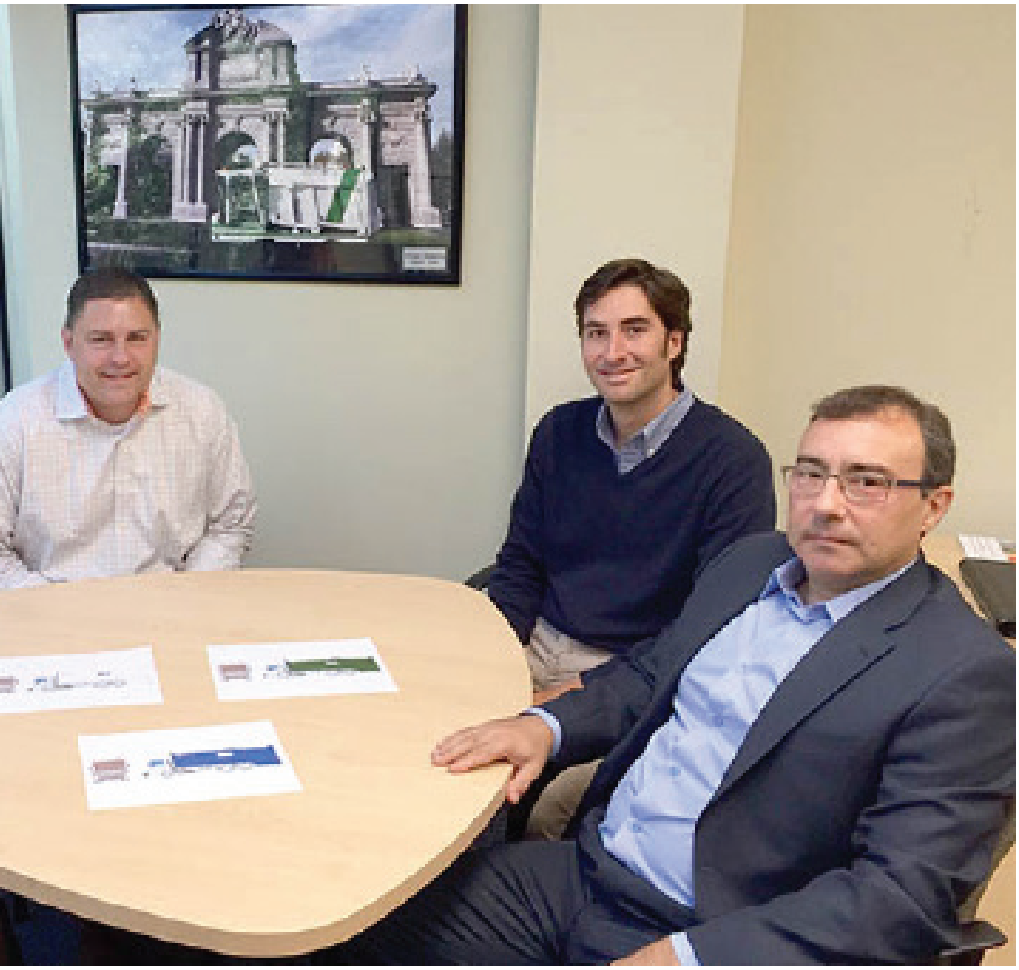
We have a great opportunity for developing this market.



Part of the FCC Environmental Services that participated in the p

What type of waste will you be collecting? Are there containers installed in the city or are we going to be the first to install them?

The county has purchased and will distribute nearly half a million new containers before the end of the year. These containers are designed for the automatic collection that we plan to implement. Each house will have one container for organic waste and another one for recyclable items that will be collected once a week from each home.



project. From left to right: Andrea Rodríguez, Anthony Emilio, Carlos Puebla and Santiago Carrasco.

Do U.S. citizens act much differently than ours?

Absolutely, from urban planning to the types of homes in the cities where a high percentage of people live in one-family homes, spread out over a huge area. The lifestyles are also quite different. They cook less at home but consume a lot of fast food at home which makes the type of garbage much different from the one in Spain or in the rest of Europe. Waste is collected usually once or twice a week, at the most, and generally during the day instead of at night. Each house usually has a container for organic waste and another one for other recyclable items. They do not separate paper, plastics, metal, glass, etc. There is much more garden waste and, in many states, there are the possible meteorological impacts such as hurricanes, snow, flooding, etc. which makes it necessary to be prepared for these situations.

Is the recycling culture deep-rooted in the U.S.?

Compared to Europe, certainly not. It was only a few years ago that they started to separate recyclable waste from the rest. On the other hand, and as I mentioned previously, recyclable waste, with few exceptions, is collected all together in the same container, which certainly makes logistics much easier but makes it difficult to sort it out and recycle it subsequently- Furthermore, the local industry is generally not very much used to using recycled fractions as raw materials and, therefore, most flows of recycled products must be earmarked for exports, which makes the business structure much different from the one we know in Europe.

Appreciation

Iñigo Sanz wants to highlight the great work of the teams in the U.S., Spain, and in the United Kingdom. "Our people in Houston, jointly with the teams from the Studies and Machinery Departments in Madrid, and the support of FCC Environment UK and CEE have made it possible to design an absolutely winning option for this tender process. We had to work very hard from here to prepare the offer and defend the award, but the help that we received from FCC Medio Ambiente in Spain and from FCC Environment UK and CEE has been tremendous and definitive".

"This award has generated a good dose or excitement and enormous motivation among all who have participated in this process and is an absolutely deserving reward thanks to the perfect example of team work among multicultural and diverse organizations which are nevertheless completely and enormously synergetic when the coordination among its members functions 100% as has been the case. I have to thank all the members of the team and of the respective Divisions and Departments that have provided their collaboration."

What expenditures does FCC plan to make over the coming years?

We are contemplating, initially, gradual and rational growth in the U.S. In principle, expenditures will be associated with the contracts that we may enter into which ensure a return on such investments I hope there are many, but these will go hand in hand with the corresponding contracts that warrant such expenditures.

FCC Environment UK

in collaboration with the local Hull City Council and East Riding of Yorkshire Council opens a reuse shop

FCC Environment working with the local Hull City Council and East Riding of Yorkshire Council, FCC will run the reuse shop which sells products that have been rescued from recycling centres operated by the company across the region.

The shop is the first that will be run entirely by FCC Environment. The company already runs similar schemes in Buckinghamshire, Warwickshire and Staffordshire in partnership with local charities.

In this case, part of the proceeds from the sale of products will be donated to several charities selected by the councillors of Hull City and of East Riding of Yorkshire.

The shop was inaugurated last 10 July in the presence of several local authorities, including the chairman of the East Riding of Yorkshire county, Peter Turner (who donated an iron cooking book stand) and the Lord Mayor of Kingston upon Hull, Councillor Anita Harrison (who gave a hanging pic-

ture frame), Councillor Symon Fraser, East Riding of Yorkshire Council portfolio holder for asset management, housing and environment, and John Black, Hull City Council portfolio holder for council infrastructure and responsible for recycling.

FCC Environment was represented by several people, including Richard Belfield, Group Development Director who said at the inauguration that the aim of this initiative was to recover the maximum number of reusable items taken to the Household Waste Recycling Centres. The waste items will then be transformed into valuable resources thereby significantly reducing the amount of materials and products that end up in the land fill sites.

A reference in recycling

Managing 13 household waste recycling centres for the Hull City sand East Riding of Yorkshire city councils, three waste transfer stations, and handling the treatment of waste to convert it into fuel, FCC Environment is becoming a reference in the recycling industry. It recently won one of the National Recycling Awards in the Best Partnership Project category for the restoration and recycling of bicycles at the HMP Rochester and Abacus Furniture Project.

He added that the opening and operation of these reuse shops ensures that a range of items, such as bicycles or furniture, can be reused and given a second life. He also pointed out the social work carried out by donating part of the proceeds to several local charities.

Councillor Symon Fraser of East Riding Yorkshire Council said that the idea behind the reuse facility has long been talked about by residents and that this initiative makes it possible to try out the concept.

He also said that they expected to learn from this experience and that he hoped that people considered the shop a example of how to make good use of items that were still in good condition thereby preventing that they were thrown away ahead of time.

Lastly Councillor John Black confirmed the complete dedication of the city council to recycling and pointed out the good track record of recycling, constantly seeking new ways of reusing materials that would otherwise end up in landfills. He also said that they hoped that this innovative joint venture with East Riding of Yorkshire became a great success marking a difference in the environment and expressed his desire that residents supported the initiative and purchased household items that were still in good condition since they would be contributing, at the same time, to a worthy social cause.

> “Part of the proceeds from the sale of these items will be donated to several charities”

BUILDING COMMUNITIES
resourcing your projects

Helping disadvantaged populations

FCC Environment is involved in a pilot project known as “Strengthening Communities, a joint initiative with WREN to help local populations chose projects in disadvantage d communities that deserve funding.

The FCC Medio Ambiente de Aragón-La Rioja branch office participates in the flower offering to the Virgin of El Pilar in Zaragoza

Coinciding with the Virgin of El Pilar holiday and the Día de la Hispanidad, the FCC Environment branch office of Aragón-La Rioja participated in the flower offering to the Virgin of El Pilar, contributing a panel made with white carnations with the corporate logo of the FCC Citizen Services Group.

Several employees, accompanied by family members, wearing the regional costumes paraded with flowers along the streets of the city offering to the Virgin, according to one of the workers, “our day-to-day work not only the one performed by the Aragón-La Rioja branch office, but also by those who work in all the different parts of the world where FCC operates”. We are in cities, building them from within, sharing traditions with the members of the community. We are doing this together” he said.

United Kingdom

See Link

The Mersey team is carrying out a new campaign as part of its permanent volunteer programme

Local people are getting another chance to become part of Halton's history by joining the volunteer team working with the Mersey Gateway Project.

The Merseylink Consortium continues to develop its volunteer program which has contributed to the training of approximately fifty local residents It is currently looking for more passionate and enthusiastic local people who want to help tell the story of Volunteers are a key part of the project. They work within the project's visitor centre to help explain how the bridge is being built and help to deliver talks, presentations and temporary exhibitions in local community venues, schools and colleges.

Participants will take part in a four-week training programme, where they gain the skills and knowledge required to tell the story of Halton's new bridge and road project.

Louise Cash, Merseylink's volunteer coordinator, said: "The Mersey Gateway is one of the largest building projects currently underway in the UK, and it's not every day you get to volunteer on a scheme of this size and scale. People really do have the opportunity to get involved with something amazing that will leave a legacy for Halton."

Malcolm Findlow and Peter Milward are two of Merseylink's longest serving volunteers. Malcolm said: "Being a Mersey Gateway volunteer is a fun and rewarding experience. We have learnt about the history and heritage of the area, the wildlife, ecology, environment and the construction process for the bridge and roads." Peter added: "We are here to answer questions about the project. It's great fun and an amazing way to learn about what is happening right here in Halton."

Sharing experience with the engineers of the Padma Bridge, the biggest one in Bangladesh

The Mersey team has been sharing its civil engineering expertise on an international scale with the army of engineers working on building the biggest bridge in Bangladesh over the River Padma.

The team, comprising four senior army engineers: General Abu Syeed Masud, Brigade General Abdul Mukim Sarker, Coronel Monirul Haque, Lieutenant-coronel Mohammad Mahabubul Haque, accompanied by engineers from IMC Worldwide (an international consulting firm) wanted to learn more about the construction process of the Mersey Gateway Project, one of the largest infrastructure projects being currently carried out by FCC in the United Kingdom.

The group was taken on a tour of the movable scaffolding system, which will be used to build the elevated road viaducts on each side of the Mersey Estuary, and visited the

project's 1000m long trestle bridge where work is underway for the three bridge pylons.

The engineers also heard from the project team about how Merseylink is handling environmental issues, traffic management planning, stakeholder engagement and public relations.

Mike Hughes, principal engineer at IMC Worldwide, said: "As a part of our training course, we wanted to demonstrate the modern holistic approaches to civil engineering projects undertaken in the UK, and the attention to detail required in site safety and site access control. The ongoing discussions with the local community and recognition of the environmental requirements were very useful pointers as to how to successfully construct a major project."

Hugh O'Connor, general manager of Merseylink, said: "The Mersey Gateway Project is a major infrastructure scheme, combining UK highways construction knowledge and international bridge building expertise of the highest level. We're delighted to be able to share our knowledge, experience and learning with fellow engineering professionals from around the world."

infraestructuras
medioambiente
agua
La ciudad es el lugar en el que vives. Nosotros trabajamos para que también sea el lugar en el que quieres vivir.
En FCC trabajamos día a día gestionando el agua, encargándonos de la limpieza viaria y del mantenimiento de las zonas verdes; así como de los residuos, algunos de los cuales los convertimos en fuente energética. Cada día más ciudadanos cuidan el lugar donde viven y así mejoran la calidad de vida de todos. Y nosotros colaboramos a que se sientan orgullosos de su gran hogar.
Lo estamos haciendo juntos.
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FCC
Servicios Ciudadanos

The FCC Construcción Occupational Safety and Health Awards in Instagram

FCC Construcción gave out the awards of its most recent Instagram contest on Occupational Safety and Health to the authors of the five photographs that received the most votes in this social network.

- Humberto Moreno, head of Quality at the PAC-4 Project in Panama, received the prize from Yolisel Reyes, FCC's Human Resources Manager in Central America for his photograph: "Seguridad en voladuras".

- Francisco Gil Cerezo, from Matinsa, was another award-winner for his photograph: "Safety and Health in road maintenance".

- Carlos Gutiérrez, from the Studies and Projects Department at FCC Industrial Mexico received the prize from Sergio Valdueza, zone manager of FCC Industrial Mexico, for his photographs: "Replacement of the tower at LT Rio Medio Veracruz P-1421".

- Jorge Elías, Álex Madamo, Anderson-Gómez, Valdecir De Souza and Cacilda Ribeiro dos Santos, from FCC Brazil, received from Antonio Piqueras the prize for the photograph: "Installation of the ladder for the overflow of fuel, Puerto de Açu, Brazil".

- Xinia García, Occupational Health assistant at the Cañas Liberia Project (Costa Rica) won a prize for her photograph: "Colocación de marginales, colegio técnico. Ampliación y Rehabilitación Ruta 1, Cañas – Liberia". The prize was given by Mauricio González, manager of FCC Costa Rica branch office.

The five award-winners depicted their occupational health experience in five photos reflecting their experience in this field.

FCC is committed to your career development

There is nothing that motivates an employee more than feeling that he contributes to the success of his organization and that his organization accompanies him in his professional growth.

This is the reason why FCC is committed to the development of its employees and is firmly convinced that the best talent is in-house. Accordingly, we want to inform you of the jobs currently available in the Group and, in the event that any of these is of interest to you, do not hesitate to submit an application.

As you know, the process ensures confidentiality and provides the opportunity for acquiring professional experience nationally and internationally and for encouraging the professional development of all employees.

See Link

Check the current job offerings

Thanks to the quick intervention of a plumber working for the water service in Mérida, a life was saved

The actions taken by Celedonio Chamizo were crucial for saving the life of a woman who fainted in an unpopulated district of this capital of Extremadura. The decided action of Celedonio prevented the tragic outcome. He has received public praise and the local police mentioned him in their Facebook wall.

INTENTO DE SUICIDIO EN LAS CERCANÍAS DE LA CASAVERDE EN LA TARDE DE AYER.

QUEREMOS DAR UN RECONOCIMIENTO PÚBLICO AL EMPLEADO DE LA EMPRESA AQUALIA por el aviso JUNTO CON LA INTERVENCIÓN DE DOS POLICÍAS LOCALES que por su pronta respuesta fueron vitales para salvar la vida de esta persona.
Al parecer la joven estaba inconsciente en el interior de un vehículo, por la ingesta de abundante medicación, intentaron reanimarla en el lugar y posteriormente la ambulancia del 112 hizo el resto, siendo estabilizada y trasladada al Hospital de Mérida.

Recognition letter from the local police department.

The woman fainted after taking medication in an unpopulated district near the Casa Verde Hospital. Celedonio was the first to help her and to request help from the police. After medical help arrived, her condition was stabilised and she was transferred to the Hospital in Mérida. Celedonio Chamizo Justo, who works as a plumber in the Municipal Water Service of Mérida has been working in this sector for 41 years, 15 of these as an FCC Aqualia employee. Even though the woman's condition has improved, Celedonio remains in contact with her family to keep track her recovery.

Undoubtedly, actions like these that go beyond the public service provided by FCC Aqualia on a day-to-day basis in many cities and towns are a source of satisfaction for everyone.

In the photo, the protagonist of this news item.

The name of FCC Aqualia at the summit of the Catalan Pyrenees

Jesús Coma celebrating when he reached the goal at Pont de Suert.

Jesús Coma, head of the Roda de Ter (Barcelona) and Anglès (Girona) services, participated in a mountain bike race in the Catalan Pyrenees, known as the Transpyr, which runs from Roses (Girona) to Pont de Suert (Lleida) and is divided into three phases. During his participation in this race, Jesús wore a maillot bearing the company's logo.

The race stretches over a total of 360 kilometres with an accumulated slope of 7,500 metres. Transpyr is a unique event in mountain bike races as is recognised as one of the most attractive races worldwide.

The next target of the head of the service is to complete the entire Transpyr race, a route with a two-person team in seven stages on the south slope of the Pyrenees from Roses to Hondarríbia (Guipúzcoa), a distance of 780 kilometres, and a positive accumulated slope of 18,000 metres.

The race poses a sports challenge for cyclists who must be very well trained. The mountain bike route avoids roads and asphalt and stretches over the least known and most beautiful landscape of the Pyrenees. Even though cyclists with a medium, medium-high level can participate in this route, Transpyr incorporates some very tough uphill sections, some technical stretches, and even that require getting off the bike.

FCC collaborates with Fundación Prevent in the Entrepreneurs' Classroom Program: Learn and Undertake

Montse Moré, director of Fundación Prevent

"The source of success for the inclusion in the workforce of people with disabilities is that it becomes a pillar of the corporate culture"

Once again, FCC participates for yet another year in the Entrepreneurs' Classroom Program: Learn and Undertake".

The initiative is promoted by Fundación Prevent, an entity with many years' experience in the field of employment of those with disabilities, with the collaboration of ESADE and the active involvement of leading private companies, including FCC.

We interviewed Montse More, director of Fundación Prevent, who highlighted the interest of organizations in learning and managing disabilities correctly, at the same time, stressing the importance of pressing ahead with training and information, with policies and their values since the basis for the success of the incorporation of people with disabilities in the workforce is that this must become a pillar, an essential part of the corporate culture.

At Fundación Prevent you work in promoting and contributing to the incorporation, social and in the workforce, of people with disabilities and, in this context, you contact companies such as FCC to promote the preventive culture, increase social awareness, and to promote more responsible and safer work environments. What is the current panorama of the Spanish corporate world, taking into account that there is a law that specifically encourages hiring people with disabilities? Are new management models and work environments required in order to make the incorporation of people with disabilities a reality?

Your interview is an example of the progress achieved in recent years in the community and, consequently, in companies, with regards to the incorporation in the workforce of people with disabilities.

One of the most important changes is the interest shown by organizations to learn more about and to manage disabilities correctly; in my opinion, this is the reflection of a more mature society, better informed, and with greater awareness. In this respect, the greater understanding of disabilities in companies has made it possible to take a major step, form the individual or exclusive management of a job held by a worker with a disability, to disability management that is more across the board and inclusive, that goes beyond the specific job, considering aspects such as the work environment and corporate language, training, recruitment policies, etc.

In my opinion, based on our experience and work at Fundación Prevent, I would say that there is a greater willingness on the part of companies not only to hire people with disabilities, but also to manage the disability in a better way.

Nevertheless, it is essential that we continue working on training and information, in policies ad in values, to create a new culture as leverage for change. There are two external factors that have also had a positive impact on stimulating this change: the professionalization of management of the entities or foundations working in the field of disabilities (third sector), which has improved communication, and working closely with private companies to apply corporate criteria for its management, maintaining its social purpose.

Another factor is the number of students with disabilities in universities in the academic 2014-2015 year: 21,577, a significantly higher number than the 8,230 who were registered in the 2009-2009 academic year. The enhanced academic preparation of these young people fit the profiles required by companies.

In short, we have a scenario where companies have a greater knowledge of disabilities and are more willing to hire workers with disabilities; a more solid bridge or link connecting the third sector with private enterprises and professional profiles that meet the demand in the market; an ideal situation so that the rate of employment of people with disabilities can improve in the medium term (35% unemployment rate in 2013 – National Institute of Statistics data, or 62.4% when we talk about young people with disabilities (source, a study by Funda-

> Talking about inclusion in the workforce means talking about the entire organization and everybody in the organization; it means thinking globally and transversally

ción ADECCO and the company Terminales Canarios).

One of the areas in which you specialise is in Occupational Hazard Prevention, an area where training is essential for conducting activities, minimising the probabilities of having an accident or an occupational disease. How do you focus this training and what other measures do you implement to ensure the success of prevention-related work?

The concern of those in charge of the prevention of occupational hazards for integrating disability in this field and to improve its management has been one of the other changes that we have observed in recent years. Our first recommendation is based on training and knowledge about disability. It is recommended that the prevention technician should have basic knowledge of the different types of disabilities since this is a variable that can have an impact on the seriousness or probability of encountering hazards. Another suggestion is fluid communication between human resources and the occupational hazards prevention department to ensure that data on workers' health is confidential. It is possible to identify during the recruitment process the possible needs or adaptations for the job that, if reported ahead of time, can prevent situations or consequences affecting the health of the worker.

Fundación Prevent in collaboration with FullAudit has carried out several studies, drafted manuals and created applications on prevention and disability as a tool for consultation and for supporting preventive management.

As to the effective incorporation of people with disabilities and the creation of an integration culture, what are the main elements that should be taken into account by an organization and the people who comprise it?

The basis for the success of the inclusion in the workforce of people with disabilities is that it should become a pillar of the corporate culture: this is the starting point to ensure that the teams in charge of people management can successfully implement the procedures and the diversity management policies and, specifically, those relating to disability. The "active" commitment of senior management and of the various divisions is essential since they are the sources of the policies, procedures, and values that mark the road to take and, most importantly, how to get there.

In this sense, when we talk about creating an integration culture, it is necessary to be extremely coherent with what we say and what we do. Behaviours and actions should be aligned with the culture, something that is often not as easy as it should be.

Culture involves the entire organization and all the people who comprise it. Talking about incorporation in the workforce also implies talking about the entire organization and everyone who is part of it. It implies thinking globally and transversally. Being an inclusive company is not the sole responsibility of human resources; it is the responsibility of the entire organization and of each of us as members of society.

At FCC we have launched the Healthy Company Project by which we encourage improving the quality of life of people through healthy eating habits, resting, and taking care of our health, and in promoting physical activity and sports. Practicing sports, precisely, is one of the best ways to take care of our mental, social, and physical health and is also a very important tool for the inclusion of people with disabilities based on adapted sports.

What is your experience and what can you tell us about encouraging the practice of sports among those with disabilities or among those who know them and live with them?

Practicing sports is certainly a healthy habit for everyone and its benefits are unquestionable even more so when we talk about sports and disability. Iván Hampanera, an athlete with cerebral palsy as a result of an

accident at work, was the one who got us hooked to the world of adapted sports twelve years ago.

He told us that after his accident; he could not work anymore and discovered that sports were not only a way for physical and emotional rehabilitation, but also for professional rehabilitation. Today he is a sportsman with an impressive list of achievements.

Ivan showed us that adapted sports represent an additional aid for physical, emotional, social, and even professional rehabilitation for those who had suffered an accident at the workplace. Prevent's work in the field of sports is currently based on four lines of action: 1) encouraging adapted sports for children and adults who become disabled; 2) scholarships for sportsmen; 3) organizing the Prevent Campus for children with cerebral palsy; 4) organizing the Inclusive Prevent Award Athletics Championship where athletes with or without disabilities compete simultaneously.

Another reason why we remain committed to the world of adapted sports, beyond the benefits for people and their environment, is the lack of resources for training and competing on equal footing. A good chair for competing, adapted transport for travelling, special materials, all of this requires additional financial resources which families cannot often afford.

The second edition of the Entrepreneurs' Classroom

You are already involved in the second edition of the Entrepreneurs' Classroom in collaboration with ESADE, which, through a training and mentoring program for entrepreneurs with disabilities, prepares these individuals for successfully carrying out their business initiatives. FCC is participating again this year in this initiative and some of our executives contribute their experience and knowledge in various business management aspects. Last year's edition was a success in terms of response, support, and results. What can you tell us about this second edition? Are there any novelties? Is there any project that stands out due to its originality?

I have been working at Fundación Prevent for the past 18 years. The Entrepreneurs' Classroom is certainly one of the best projects that we have launched. I define it as an exemplary cooperation model because of three reasons:

- Firstly, because of the values that it promotes: commitment, respect, and professionalism in the classroom, among other values.

- The players involved are another reason that make the Classroom special: it is promoted by a third-sector entity jointly with one of the most prestigious business schools, with the involvement of entities such as ONCE, private companies such as FCC, independent professionals and entrepreneurs with disabilities; a wide array of organizations and professional profiles that fit in perfectly.

- And, lastly, the environment is one of the differentiating elements. The Classroom has an important social environment and we should also bear in mind that it has a clear economic environment for entrepreneurs and society. The results of the first edition were exceptionally good: 7 of the 15 selected projects were launched successfully. In the second edition, 19 and 13 projects were selected from Barcelona and Madrid, respectively. There are ideas related to art, accessibility applied to art and consumer goods; training, leisure; technology, etc. The six best projects of each edition (Barcelona and Madrid) will receive a 5,000 euro scholarship to help launch the business.

As to the types of disabilities, there are students with diminished mobility, visual, hearing, and mental disabilities. The success of this program is the fact that disability is considered only in terms of achieving accessibility in spaces and academic contexts. The academic level is the same as in cases where the students did not have any connection with Fundación Prevent. The enthusiasm and the thirst for knowledge is the common denominator of all students. The involvement with their students and their projects is shared by the professors and tutors.

> "Practicing sports is certainly a healthy habit for everyone and its benefits are unquestionable even more so when we talk about sports and disability"

hay salida

a la violencia de género

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016 ATENCIÓN A VÍCTIMAS DE MALOS TRATOS

FCC finishes drilling

the first tunnel section of line 5 of the Riyadh Metro

> "These works mark a new milestone for the FCC team, making it the first one to arrive at a station and the one which has drilled more kilometres of tunnel to date"

Video describing the Riyadh Metro project

The FAST consortium, which is led by the Citizen Services Group, is the team which has excavated most kilometres so far (3,8 km of the total 12,9 km of the line) we have excavated 4,658 metres so far. The FCC-led consortium, FAST, has finished drilling the first tunnel section of line 5 (green line) of the Riyadh Metro. The metro tunnel boring machine, "San'ah", reached the Salah Al-Din station, thereby completing the excavation of a 1.2 km section of a total of 5 km comprising this section. These works represent a new milestone for the FCC team after becoming the first team to reach a station having excavated the most kilometres of the tunnel so far.

With this progress, the consortium, which is responsible for the construction of lines 4, 5 and 6 of the metro, has become the work team that has advanced most throughout the implementation of the project.

The drilling works, which began on 30 June 2015 at the new central office for the Ministry of Education, will continue on the north section of line 5 (green line) until they reach Riyadh Airbase Roundabout. There they will be met with our tunnel boring machine "Dhafrah", the first machine to start drilling works on the Riyadh Metro project, which will be used to finish the 12.9 km tunnel of line 5.

A historical experience

FAST employees and members of the Arriyadh Development Authorities met with residents of the district of Salah Al-Din, who were invited to take part in this historic experience. Local people from this tiny district could witness how the machine's cutterhead chipped through the walls of the station and they gave the FAST engineers who were operating the machine a round of applause when they came out of the tunnel.

During his speech, project director of the FAST consortium, Jaime Freyre, mentioned "his satisfaction that both tunnel boring machines have been the first to reach the milestone which entails drilling this section of the tunnel and meeting the set deadlines. Dhafrah was the first machine we launched

> FCC is undertaking the challenge of designing and constructing a first-class metro for the capital of Saudi Arabia, which currently has a population of 5.7 million people

Dhafrah was the first machine we launched and San'ah was the first to get going on the Riyadh Metro project".

Strict environmental measures

Freyre went on to say that "FAST has been committed to transferring technical knowledge to Saudi citizens through several programs which are currently being implemented in collaboration with the High Commission for the Development of Arriyadh, and to protecting the environment: reducing the production of dust and noise and ensuring that strict safety measures are taken to limit the impact of the drilling and construction processes".

The works are expected to be completely finished by the end of 2018. Therefore, FAST (also made up of Samsung, Alstom, Strukton, Freyssinet Saudi Arabia, Typsa, Atkins and Setec) will employ close to 15,000 workers of more than 33 nationalities. FCC is undertaking the challenge of designing and constructing a first-class metro for the capital of Saudi Arabia, which currently has a population of 5.7 million people. 2% of the population uses public transport, which equates to approximately 7.4 million journeys made daily. The population is expected to rise to 8.3 million people by 2030, therefore the Riyadh Metro will, as well as boosting the local economy, improve the Saudi quality of life.

Tunnel-boring machines

To construct the three lines awarded under the contract, the FAST consortium will use two 9.77 metre-wide tunnel boring machines that will excavate tunnels with a circular cross section. Dhafrah was the first tunnel-boring machine used in the Riyadh-Sanah metro project and the first one to reach a station. A total of seven tunnel boring machines will be used to complete the Riyadh Metro project, which stands as the largest underground commuter train network under construction worldwide, covering 176 kilometres and 85 stations.

FCC begins to work in Line 2 of Panama's Metro

Juan Carlos Varela, president of the Republic of Panama, accompanied by the Ministry of Canal Affairs and the director of Panama's metro, Roberto Roy, plus the team of technicians from the consortium that will be building Line 2, the construction companies Odebrecht and FCC, have started working on the Line 2 of the Panama Metro project.

Also present at the event were José María Torroja, director de FCC Construcción in Latin America; Eugenio del Barrio, Development manager at FCC Construcción in the same region; Manuel Antonio Olivares, chairman of FCC Construcción in Central America, and Santiago Erans, deputy-manager of Line 2 of the Metro system.

In the first stage of the project, to be completed in 44 months, the line will stretch over a distance of 21 kilometres above ground and will have 16 stations and five-wagon trains featuring the most advanced technology that will reduce energy consumption and ensure the effectiveness of operations.

It will also have the capacity for the transport of an average 16,000 passengers per hour and will be adapted for people with diminished mobility.

The Line 2 consortium will generate more than 4,000 direct and indirect jobs. The manager of Panama's metro, Roberto Roy, indicated that Line 2 is designed to be able to transport 40,000 passengers at peak hours and will also boost commercial activities and tourism in the region by providing new transport facilities between the hub of Americas and the modern city.

Line 2 of the metro will be part of Panama's Metro main network thanks to a direct connection from the San Miguelito station f line 1, and will be extended via the above-ground viaduct to the East sector, up to Nuevo Tocumen, where the Patio and Workshops of Line 2 of the Panama Metro will be situated. It will take an estimated 35 minutes to travel the distance between San Miguelito and Nuevo Tocumen.

FCC's Intranet One, arrives in Colombia

One, the intranet of the FCC Group, and FCCONE, the intranet of FCC Construcción, have arrived in Colombia. More than 70 users at FCC Construcción Colombia are now able to access this multidirectional communication channel that offers current news on the FCC Group and on its infrastructure division which integrates the key processes and systems of the Company, optimises costs, unifies the support, and standardises the experience of the user and of the help function.

This marks yet another step in the internationalisation process of One the objective of which is to implement this new tool in all the countries where we operate.

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FCC starts filling the new access channel to the enlarged Panama Canal

On Monday, 14 September, the ICA- FCC-MECO consortium started to fill the new access channel that will be connecting Corte Culebra with the third set of locks in the Pacific sector as part of the fourth phase of the dry excavation project of the Pacific Access Channel of the Panama Canal enlargement project.

The new channel measures 6.1 kilometres in length and is 218 metres wide. The bottom of the excavation is 9.14 metres above sea level.

The ICA-FCC-MECO consortium is executing this project which includes the excavation of 26 million cubic metres, a large part of this in rock formations, and the construction the Borinquen 1E 2.4 kilometre long loose material dam.

For further information

New FCC Bulletin in Central America

Read the Bulletin

The latest issue of the Central American Bulletin is now available. It includes reports on the progress achieved in projects, corporate social responsibility, and training at FCC Construcción Panama and Costa Rica.

Veraguas tiene un nuevo centro hospitalario

FCC Construcción de Panamá – Costa Rica / Septiembre 2015

FCC completes the section that completes the Autovía A-7 del Mediterráneo

FCC has completed building the Carchuna-Castell de Ferro section, in the province of Granada, that completes the A-7 Mediterranean Highway. President Mariano Rajoy and Ana Pastor, the Minister of Public Works, inaugurated this section; accompanied by José Antonio Madrazo, manager of FCC Construcción's Spain South Zone branch office, Luciano Hidalgo, head of Andalusia Civil Works, and Ismael Hurtado, manager of the FCC-Construcciones Vera joint venture.

This section, now completed, culminates the work on the 1,440 kilometre long Mediterranean Corridor which stretches from Cadiz to the French Border which makes it a strategic communication road not just for Andalusia but also for the entire road network in Spain.

These new 10 kilometres of road make it possible to connect Almería and Malaga by road, connecting the entire coast, thereby providing a faster, more comfortable, and safer alternative than the N-340 road. The average 13,502 vehicles that circulate on a daily basis in this section, with much higher numbers in the summer months, of which 12% are heavy vehicles, will benefit from this new infrastructure.

The total budget of this contract is 118.1 million euros. This sum plus the cost of preparing the project, the estimated sum to be paid for expropriations, and the cost of the technical assistance for controlling and supervising the project, amounts to a total investment of approximately 164.54 million euros.

Further information

The Minister of Public Works inaugurates the new section of the A-27 road connecting Tarragona and Valls

This 9.5 km –long section with two 7m-wide lanes, is part of the A-27 motorway being built by FCC that connects Tarragona and Mont Blanc.

The route starts at El Morell and ends in Valls in the province of Tarragona. It runs South-North crossing several municipalities, including El Morell, Vilallonga del Camp, El Rourell, La Masó and Valls.

The junction of the A-27 and the T-722 was resolved by building two links, El Rourell and La Masó, plus a two-span overpass connecting both roundabouts.

The Valls turnaround which connects with the C-37 road and which can be enlarged in the future consists of a turnaround with two overpasses each with 2 spans and 34 metres long.

The section that has been opened to traffic acts as a extension of road T-722 between road T-750 (El Morell) and road C-37 from Valls to Alcover, also as an extension of the N-240 between the industrial facilities in El Morell (Refinery and the Industrial Gran Morell Park) and the Valls industrial park.

FCC Medio Ambiente secures contracts in the first half of the year worth more than 690 million euros

During the first half of this year, FCC Medio Ambiente has won or renewed contracts to a value of 670 million Euros relating to its environmental services. This achievement coincided with changeovers in local governments and demonstrates the strength and quality of the service provided by the Citizen Service Group's main business line.

One of the most significant contracts involves cleaning and maintenance of the Barcelona sewer network until 2022, with an allocation of almost 100 million Euros.

This is a service FCC has provided since 1911, after winning several public tenders. That contract in 1911 was in fact the first the company signed in the realm of urban public services and marked the path of diversification that FCC has followed so successfully throughout its entire life and which continues today with renewed zeal.

A highlight of the new contract are the innovative solutions proposed by FCC, within the concept of smart services, based on efficiency, technology, highly skilled personnel and expertise accumulated over more than 100 years of operations in this field. This tender was the first to be opened by a town corporation that actually demands competing businesses provide smart services in its implementation.

Another outstanding award is for the management of street cleaning and rubbish collection and removal in Vitoria-Gasteiz for a period of eight years, worth about 111 million Euros.

Vitoria-Gasteiz has a population of 245, 000 inhabitants that each year, produce about 58, 000 tons of rubbish that are collected and transferred to the treatment plant on a daily basis.

Over the coming months, the successful bidder will implement specific control measures, such as installing GPS systems on rubbish lorries and dust-carts to monitor their routes, or the installation of a vehicle entry/exit control system in the yard using an electromagnetic arc.
In San Sebastian, the city council has also awarded FCC a new contract for the provision of street cleaning services in the city for a period of four years and a total value of 34 million Euros.

As part of its service to the more than 190, 000 residents of San Sebastian, the company will provide a fleet of 300 street cleaning vehicles. By way of innovation, it will employ advanced cleaning systems, such as tricycles and electric carts.

The City Council of Valencia has also renewed the gardens and parks cleaning and maintenance contract for four years, with a total value of 25.5 million Euros.

FCC has won numerous environmental service contracts in the first half year, highlights of which include Girona, Alicante, Jaen, Arcos de la Frontera (Cadiz), Las Palmas, Ribadesella (Asturias), Sant Josep (Ibiza) or Llucmajor in Palma de Mallorca.

In the United Kingdom

The Citizen Services Group through FCC Waste Services (UK) Ltd., a 100% subsidiary of FCC Environment (UK), has been awarded the waste collection contract for South Ribble, Lanarkshire (England), valued at 13.9 million Euros. This agreement is valid until 2022, with the possibility of a further seven year extension.

In addition, FCC Environment has won the tender to operate and maintain the new household waste recycling centre in the county of Torfaen for a period of seven years and a contract value of 6.8 million Euros.

FCC Environmental Services

The Environmental Services division accounts for 55.2% of the FCC Group's EBITDA in the first half of this year. Of its total business, 95% focuses on the provision of urban waste collection, treatment and disposal services, together with other urban services such as street cleaning or maintaining parks and greenery. The remaining 5% corresponds to its industrial waste collection and handling business.

FCC's business in Spain centres on urban waste management and street cleaning; in the UK, the main business line is urban waste treatment and disposal, whereas in Central and Eastern Europe – mainly Austria and the Czech Republic, FCC has a balanced presence along the entire municipal waste management chain (collection, treatment and disposal). FCC's presence in Portugal focuses on industrial waste management.

FCC Aqualia, awarded 10-year end-to-end water management contract in Reinosa (Cantabria)

José Miguel Barrio, the mayor of Reinosa, and Santiago Lafuente, manager of Aqualia's Zone I, during the contract signing ceremony.

The city of Reinosa in Cantabria, which has a population of slightly more than 10,000 inhabitants, has entrusted FCC Aqualia with the municipal water service over the next ten years which could be extended for another fifteen years. The aspects that the city council valued the post which made it possible for the Company to win the contract against the competition of other specialists such as Oxital, Valoriza Agua (Sacyr), Aquarbe and the Seys Medio Ambiente-Depuración de Aguas del Mediterráneo Consortium, were the human and material resources that would be assigned to the service and in the event of emergencies, coupled with the program for the maintenance and upkeep of the installations.

The local government also took into account the customer service system, the technical assistance to be provided to the city council, and the water control and quality plans as well as those in connection with occupational hazards and the measures to be implemented at the facilities to increase the efficiency, quality and management of the service.

Pursuant to the agreement, the Company will have to contribute an initial fee of 1.05 million euros to pay for the maintenance work involved in this service over the next 10 years and a variable equivalent to 8% of revenues for the same purpose.

Operating in Reinosa since 1998

FCC Aqualia, which has been providing this service in Reinosa since 1998, is the leader in this autonomous region where it manages the water service in the capital city of Santander and in other municipalities such as Santa Cruz de Bezana, Comillas and Santa María del Cayón.

Furthermore, through its contract with the public entity Medio Ambiente, Agua, Residuos y Energía de Cantabria S.A., MARE, it manages 25 wastewater treatment stations.

Recently, Cantabria has also became a national reference in sustainability thanks to the study entitled Water Footprint and Virtual Water of Cantabria, an initiative sponsored by Fundación Botín carried out in collaboration with FCC Aqualia and the Government of Cantabria. This study underscores that the virtual water of Cantabria is a net export asset and the great challenge that the community faces to transform this water resource into economic and social wealth.

FCC's Procurement Management wins recognition from AERCE

The Spanish Association of Purchasing, Contracting, and Procurement Professionals (AERCE, Spanish acronym) for the sixth consecutive year has given out the EL Diamante de la Compra Prize, an award for the most notable projects in this purchasing function.

FCC Group received a special award for the quality of its Procurement Management which is backed and certified by UNE CWA 15896 Standard ("Procurement Management with Added Value" promoted by AERCE to encourage the best corporate practices in Procurement Management that provides the managers of these departments with the guidelines for making achieving excellence in their companies.

Infraestructuras > medioambiente > agua

El agua es sinónimo de vida. Y para nosotros también de innovación, responsabilidad y compromiso.

En FCC, a través de Aqualia, llevamos mucho tiempo trabajando en el ciclo integral del agua en más de 1000 poblaciones de todo el mundo. Pensando en sus millones de habitantes, incorporamos las últimas tecnologías que facilitan una gestión eficiente y sostenible. Y así, entre todos, hacemos de cada ciudad un lugar mejor donde vivir.

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Carlos M. Jarque appointed new Chief Executive Officer of FCC

The Board of Directors of FCC Group at its meeting on 18 August, appointed Mr. Carlos M. Jarque as Chief Executive/CEO of the group. In her capacity as Chairwoman of the Board of Directors, Esther Alcocer Koplowitz expressed her agreement with this appointment, reiterating that the new CEO has "the backing and loyalty of the entire Board and of all at FCC". She also stressed that Jarque's experience and leadership will ensure FCC resumes the path towards growth.

At the meeting of FCC's Board of Directors, Jarque referred to the challenges and opportunities that the company currently faces. "Hand-in-hand with the Board, we will continue with the restructuring of FCC and of its shares with the aim of strengthening the company financially and operationally", he said. Jarque wished the former Chief Executive, Juan Béjar, the best of success in his future endeavours.

Jarque has completed studies in Actuarial Science, Finance, Economics and Urban and Regional Planning. He studied for a Bachelor's Degree in Anahuac University in Mexico and completed postgraduate degrees in the London School of Economics, the University of Oslo, the National University of Australia, and Harvard University.

In a professional context he has been the manager of Economic Telecommunications Studies in Mexico, defining economic and financial premises and supporting the company's planning and decision-making processes. He was the Chairman of the Inter-sector Commission for Information and Monitoring of Public Finance in Mexico which controls and reduces tax deficit. He also worked in the role of President of the National Institute of Statistics, Geography and Informatics (INEGI) and was Secretary of Mexico's National Development Plan bet-

> FCC's Chairman, Esther Alcocer expressed her agreement with this appointment, reiterating that the new CEO has "the backing and loyalty of the entire Board and of everyone at FCC"

> "The restructuring of FCC Group and its shares will continue in order to strengthen the company both financially and operationally", Mr. Jarque, the new Chief Executive/ CEO said following his appointment

ween 1995 and 2000, which was established by the Government Program by President Ernesto Zedillo. He also assumed the position of Minister of Social Development, directing an extensive range of social programs and housing initiatives, urban and regional and territorial development, managing areas of State and Municipal financial assistance.

He managed the Sustainable Development Division of the Inter-American Development Bank (IDB). In this position he was responsible for managing the drafting of development policies and sectoral strategies of the IDB and of the technical support for infrastructure projects. We was also Secretary of the body, responsible for institutional governance processes and the relationship with the Governing Body (Finance, Economy and Development Ministers from 48 member countries of the IDB, including Spain) for the passing of all IDB's operations, the capital increase of the Bank, its restructuring programme, and the debt relief programme.

He was representative of the IDB in Europe, driving, among other tasks, investment and mobilisation of resources between Europe and Latin America, mainly with issues concerning water, energy, infrastructure, urban development, transport and sustainable cities. He established the Permanent Secretariat of Business Summits between the European Union-Latin America and moved the Office of the IDB for Europe, from Paris to a new headquarters in Madrid, which was inaugurated by President Rajoy.

Since 2013 he has been the Executive director of Corporate, Government and International Relations in América Móvil, supporting interaction with the Governments and CEOs of countries within diverse fields. América Móvil is the biggest private company in Latin America. It operates within the telecommunications sector of 17 Latin American countries, as well as in the United States and 10 European countries.

He has been a member of Board of Directors for Financial Institutions, and worked in companies in the Construction sector, Mining sector, Real Estate Sector and the sector for Citizen Services.

Letter from Carlos M. Jarque,
the new Chief Executive/CEO of FCC

Dear colleagues:

The Board of Directors today appointed me the Chief Executive/CEO of FCC. I don't want the day to go by without sending you my cordial regards, even though it is via this venue. As you know, FCC is a global reference in the field of Citizen Services, Transport, Water and Infrastructures, among many other strategic sectors. Each of you has contributed to this achievement. There are no smaller contributions.

I recognise the management capabilities in the different areas and the high technical expertise of our employees all of which are essential assets thanks to which FCC is competitive in several fields.

I am aware that there were and there are still great and important challenges ahead of us. We have a lot of work to do. We must do it with discipline and focus on the essential.

I join FCC with great enthusiasm and confidence in the future. Also with the firm desire of contributing in this stage to the ongoing construction of a company that is every day more solid financially and operationally to accomplish its mission.

I invite you to work with dedication, energy and commitment to advance in a road enables us to improve results and materialise the new opportunities as they arise. Let us take advantage of the strength of our team. The tasks ahead are the responsibility of all of us.

With kind regards,
Carlos M. Jarque

Letter from the chairman of FCC to welcome Carlos Jarque

Dear everyone,

On behalf of all of us who make the FCC Group possible day-to-day, I want to express our warmest welcome to Carlos Jarque, the Company's new CEO who is joining our Group at a very exciting moment.

I am certain that with his experience, expertise, and leadership qualities, we will get back on the road to growth and profitability; a task in which he will have our most loyal and sincere support.

The trust that our core shareholders, Carlos Slim and Esther Koplowitz have placed on him reinforces the determination with which he will tackle the task ahead of him and we sincerely wish him the best.

With our most sincere desire for success, welcome, Carlos

Esther Alcocer Koplowitz
Chairman

New organization of FCC Aqualia

Carlos M. Jarque, the CEO of FCC, approved a new organization for FCC Aqualia at the proposal of its managing director, Félix Parra. The new structure creates the Corporate Department for Spain which will be managed by Santiago Lafuente Pérez-Lucas who will report directly to Mr. Parra. The Appointments and Remuneration Committee (ARC) also approved the replacement of Mr. Lafuente who was the head of Zone I (central and northern Spain) by Juan Carlos Rey Fraile.

The objective of this new organization, according to Carlos M. Jarque and Félix Parra, is to "promote the activity in Spain, with an improved coordination among the various zones ad branch offices, simplifying the decision-making process, improving communication with clients ad partners, and taking the most advantage of the existing resources in the FCC Aqualia structure". "Encouraging talent and developing the professional careers of the members of our company through in-house promotion", this, according to the CEO of the Citizen Services Group, is the philosophy of this new stage in the Water Division.

> "The Corporate Department for Spain is set up, whose manager will be Santiago Lafuente who will be reporting directly to the managing director Félix Parra"

The organizational chart of FCC Aqualia maintains the International Department (headed by Luis de Lope) who will also report directly to Félix Parra. According to Jarque, this aims to "consolidate FCC Aqualia's positioning in the national and international markets where it operates and promote the development of new markets". The new organization implies a more efficient cost structure in line with the objectives of the entire Group.

The new FCC Aqualia manager for Spain, Santiago Lafuente Pérez-Lucas, earned a civil engineering degree at the Polytechnic University of Madrid. He joined FCC 25 years ago (in September 1990) and, since then, has occupied several managerial jobs always involving the water sector in the national market. Until now and since 2013, he was the manager of Zone I.

Lafuente will be reporting directly to Félix Parra, managing director of FCC Aqualia. Juan Carlos Rey Fraile, will be taking over Mr. Lafuente's job, has a civil engineering degree from Madrid's Polytechnic University specialising in Water Works and Energy and also has a degree as a technical engineer in Public Works from the same university. He joined FCC Aqualia in 1993 and has held several managerial jobs in the production as well as in the functional area. Prior to this new position, he worked at the Castile-Leon branch office.

See PDF

infraestructuras medioambiente agua

En 100 años prestando servicios a los ciudadanos hemos visto cambiar muchas cosas, la primera de ellas al propio ciudadano.

En FCC diseñamos y construimos infraestructuras, recogemos, reciclamos y valorizamos residuos urbanos e industriales, limpiamos calles, cuidamos parques y jardines, mantenemos el mobiliario urbano y gestionamos el agua en 5.000 municipios de todo el mundo desde hace más de 100 años. Al principio éramos unos pocos preocupados porque millones de personas disfrutasen de un lugar mejor donde vivir. Hoy son esos millones de personas los primeros que se preocupan por crear un lugar mejor donde vivir.

Lo estamos haciendo juntos.

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FCC Servicios Ciudadanos

The FCC Group competencies model

Cristina Rodríguez Agudín
Manager of People Development

See Link

The competencies defined by the FCC Group will help us manage the development and evolution of employees, according to their potential, aspirations and the current needs of the Company. It will also enable us to anticipate future needs by working in a global manner.

We interviewed Cristina Rodríguez Agudín, manager of People Development at the FCC Group for Red de Comunicación to talk about our recent implementation of competencies, Leadership, Responsibility, Teamwork, Earnings-focus, and Negotiation which comprise a set of capabilities and skills that we, as members of FCC, must have in order to be able to compete efficiently and which imply an advantage in our professional performance beyond the individual training that each of us may have.

What is the origin of the competencies project?
The competencies project is a global project, that is, an international project that involves all of FCC professionals.

The Corporate Development Department, whose tools include training, recruitment, and development processes, has defined three core objectives:

- Redesign the H.R. processes based on transparent and objective criteria.
- Reinforce the FCC profile
- Energise the organization

On 13 October last year, the manager of Organization, Ana Villacañas and I met with the managers of the H.R. departments of all business areas and we identified the lines of actions that would enable us to achieve these objectives. Jointly, we also selected the competencies that would govern the training, recruitment, and development processes.

How was this carried out?
We understood from the start that this project could only be successful if it was conceived based on the Group's vision, taking into account the specific characteristics of each of the businesses.

We defined the five competencies and the various requisites for the different levels with the collaboration of multidisciplinary teams comprising professionals from all the divisions and departments.

Not all professionals must have the maximum level in all competencies since this will depend on their functions and responsibilities. We feel especially proud of the teamwork that we developed in this project in which the different areas, corporate departments, and departments of the company were involved.

Why is this project being launched at the FCC Group?
By focusing the organization and our professions on this model, we will be able to improve the competitiveness of FCC and also on an individual basis.
Competencies allow us to define the H.R. processes efficiently, based on shared criteria known by the entire organization. That is, from H.R. we want to make it easier for the organization to have clear and simple guidelines for the attraction and development of professionals.

How will this affect us in the future?
It is already affecting us.

In training. We are now in the phase to detect the training needs for 2016. In those multidisciplinary teams, we designed scripts for interviews with department managers or directors in which the competencies are already a key issue to be able to know the training needs of his team with respect to those competencies.

In in-house mobility. The levels of competencies are taken into account in the profile of the advertised job as well as of the candidate.

In the future? More. All of the Group's development processes will be divided into the five competencies. In successive ones, performance assessments, career plans, etc.

Teamwork

"To be able to work as a team, FCC professionals must assume that the Company's results depend on the work of all the interconnected teams. It also implies being generous and transparent with our work methods and results. Understanding that information belongs to the Company and sharing it rapidly among the teams..."

Earnings-focused

"We talk about earnings-focused, focused on objectives, about profitable tasks. The company's results depend on all the professionals and on each of the actions that we carry out. It is vital that each action is marked by its profitability, that is, that it leads us, with austerity, towards the expected results, with efficient procedures and optimal tools".

Leadership

"FCC's leaders are examples for the entire Company. Focused on results, they know how to develop their teams with motivation and with a firm approach. We can all be a bit of a leader in our sphere of action and can have an influence and motivate our colleagues in the execution of their tasks".

Negotiation

"All of us have to negotiate in our sphere of action and the correct execution of this competency enables us t obtain better and more consolidated results. Being able to differentiate among the positions of interests, expanding the vision of the negotiation, listening, maintaining the focus on profit and on the exchange among the parties can help us achieve these sustainable results."

Responsibility

"Delegating is a necessary tool for managing and developing teams; our responsibility, however, cannot be delegated to our bosses or to our collaborators. Being committed to our Company means being committed to its strategy, to our decisions, actions, and to the results thereof, expected or not. Being responsible in our sphere of action expresses an optimal level of professional maturity."

FCC renews its commitment to the Diversity Charter

FCC has reaffirmed its commitment to the Spanish Diversity Charter for 2015-2017. Pursuant to this initiative, the Group reinforces its commitment to the fundamental principles of equality, non-discrimination in the workplace, support of diversity and respect for individual differences.

FCC subscribed to the principles of the Diversity Charter in July 2014, through an initiative driven by the Group's Chairwoman, Esther Alcocer Koplowitz, undertaking to comply with a set of ten principles and to impart them with the following values:

- To promote conciliation of professional and personal life.
- To raise awareness of the principles of equal opportunities and respect for diversity within the boundaries of the company's values.
- To build a diverse workforce.
- To effectively promote discrimination-free integration at work.
- To implement diversity management in all management policies.

The Diversity Charter is an initiative of the European Commission Directorate-General for Justice for the implementation of policies to tackle discrimination. The Fundación Diversidad, which is promoted by the Fundación Alares, is exclusively responsible for fostering this initiative in Spain, which responds to a voluntary code of commitment to support and promulgate the principles of inclusion, diversity and non-discrimination in the workplace.

By joining this initiative, FCC is backing diversity management as a business, social and legal prerequisite.

All of the above in favour of people's rights –regardless of their age, origin, religion, sexual orientation, race, culture, disability or gender– ensuring that they have the same opportunities to access, maintain and be promoted in work, thereby synthesising both work and professional life, and all the while upgrading people's quality of life and work.

Social responsibility

FCC joins the campaign against gender violence of the Ministry of Health, Social Services and Equality

Once again this year, FCC has joined the awareness campaign against gender violence sponsored by the Ministry of Health, Social Services and Equality "If there is a way out from gender violence, it is thanks to you. JOIN US" The campaign is aimed at the general population with the fundamental objective of having all citizens become involved in achieving a society free of gender violence and in support of women who suffer abuse.

FCC is committed to the fight against gender violence and want to remind everyone who works with us that we must keep alert before any sign of violence against women in whatever is our area of action.

The Human Resources Department, through the work of the Equality and Diversity Team, continues to promote measures aimed at achieving equality and in the fight against the social scourge that is gender violence.

This is because we are convinced that equality is not only a right, but also the best antidote against gender violence. We do not want to limit ourselves to denouncing it; we want to contribute to creating awareness in society on this issue and to have all FCC people involved in order to reach the objectives of integrating women who are victims of gender violence in the workforce. FCC's commitment to the fight against gender violence can be summed up as follows:

- Zero tolerance for this practice.
- Encourage the social and professional integration of the victims.

Since 2010 and in the subsequent years, FCC has signed the Collaboration Agreement with the Ministry of Health, Social Services and Equality in order to promote awareness on gender violence and on the integration of victims in the workforce, forming part of the Network of Companies for a Society Free of Gender Violence, renewing its commitment in 2014.

We have signed several agreements with entities specialising in the integration of women who are victims of gender violence in order to comply effectively with this commitment and the principles defended by FCC, such as the agreements with the Red Cross and with Fundación Integra.

FCC also adhered to the "Women's Empowerment Principles of the United Nations Global Pact and last year signed the Diversity Charter, reinforcing our principles of equality, diversity and non-discrimination, promoting the inclusion and conciliation measures and, in line with the

Spreading the campaign

The new gender violence awareness campaign, "If there is way out of gender violence, it is thanks to you. Joint it" is aimed at the general population with the fundamental objective of having citizens become involved in achieving a society free of gender violence and to support women who suffer abuse.

FCC has been participating since 2010 in the initiative "Companies for a society free of gender violence. Our commitment includes the dissemination and promotion of campaigns to create awareness and to denounce, joining efforts with other institutions so as to spread this information among the greatest possible number of people. Available data underscores the great usefulness of these awareness campaigns. In the "Social perception of gender violence" study, 79% believe that the awareness campaigns are useful for having people become aware of the problem and 77% believe that these campaigns help victims to become aware of their situation.

LINK: Campaign material
Watch video: https://www.youtube.com/watch?v=GdfWPJKbxGw&feature=youtu.be

Watch video:
http://www.msssi.gob.es/campannas/campanas15/haySalidaUneteM.htm

haysalidaUneteESP.mp3

Equality and Diversity Policy and the FCC Code of Ethics, both documents were approved by the Board of Directors.

In addition, all of the Equality Plans of the FCC Citizen Services Group include a specific chapter on creating awareness against gender violence with measures that bolster the company's commitment to the incorporation of victims in the workforce. FCC acquires the commitment of training and informing, facilitating channels for denouncing, disseminating its commitment to the elimination of gender violence in all available media.

Lastly, it is worth remembering that in each 25 November, the International Day for the Elimination of Violence Against Women, FCC reminds everyone within the Company to bear in mind its principles and to inform about its commitment and vision: zero tolerance for gender violence and the promotion of social and professional integration of women who have been victims of this type of violence.

Line 016

This is a free-of-charge and professional telephone and online helpline that functions 24 hours a day, 365 days a year nationwide in 52 languages. The service provides information to women who are victims of gender violence, and those who are close to them, on what to do in the event of abuse, legal counsel, and information on the resources available and the rights of the victims in terms of employment, social services, financial aid, information and aid resources, and safe houses for those who are victims of this type of violence.

This service, moreover, is accessible to those who have hearing or speaking impairment who can get in touch with the 016 number through an SVisual platform with direct and priority access. Since its implementation, 016 has received a total of 522,549 calls. So far this year, 42,232 people have called this number. The service also measures the effectiveness of the awareness campaigns. Following the 2015 campaign launched by the Ministry aimed specifically at adolescents, the number of calls increased 51.4% between March and May (from 5,121 to 7,754).

FCC, included in the best CSR practices in Latin America

The Ministry of Social Affairs has selected several social responsibility projects that are currently being carried out in Latin America and included them in the catalogue "Spanish Companies that Create Value. Corporate Social Responsibility in Latin America".

The document, which aims to bolster the Spain brand in the Latin American continent, was unveiled last 21 September at the Casa de América by Minister of Social Affairs José Manuel García Margallo, who was accompanies by the Minister of Labour, Fátima Báñez. FCC Contributed to the publication of the catalogue with several of the corporate social responsibility actions that it is currently carrying out in Latin America.

La Valdeza (Panama)

Our group has implemented several projects in Panama, such as the one at the La Valdeza quarry where FCC has implemented a CSR reforestation plan, a plan to control the passage of trucks, and for controlling noise during rest hours.

Ciudad Hospitalaria (Panama)

Another project worth mentioning is the "Restoration and protection of Camino de Cruces". This goal of this project is to recover the historic route used in the 16th and 17th-centuries t transport gold and silver, due to its geopolitical and cultural importance in order to protect Panama's cultural heritage. Since the Ciudad Hospitalaria used to occupy part of this route, a modification of the route was proposed at the commencement of the project to protect and safeguard the cobblestone sections without making any changes, using for this purpose all the necessary resources.

Mi escuela primero (Panama)

The Ministry also took note of another relevant CSR project being carried out in this country, "Mi escuela primero" (My school comes first) by refurbishing and improving Instituto Rubiano where FCC invested more than 3 million euros to promote high school degrees in science, information technologies and humanities.

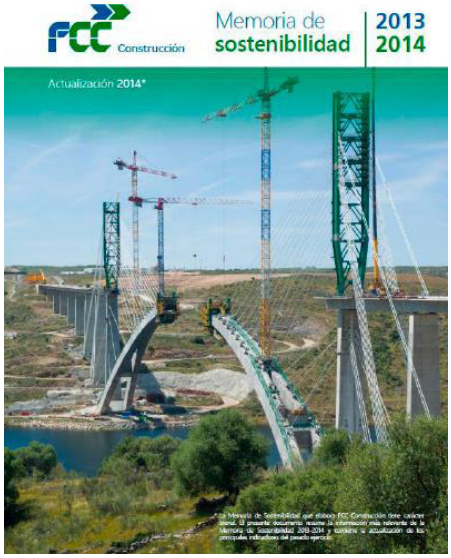
Puerto de Açu (Brazil)

Another project selected by the Ministry was biodiversity protection initiative being developed by FCC at the Puerto de Açu project which involves protecting the Cabezuda sea turtle since the project is situated in an area that is essential for this endangered species.

Sembrando agua recogemos vida (Colombia)

Lastly, the CSR best practices in Latin America catalogue mentions the project being developed by FCC in Colombia entitled "Sembrando agua recogemos vida." Creating awareness among the population on the importance of safeguarding water basins is essential not only to ensure a source of water but also to be responsibly aware of the environment and to prevent its destruction.

FCC Construcción publishes its Update 2014 of its Sustainability Report



This new document summarises the most relevant information of the 2013-2014 Sustainability Report and contains an update of the main indicators of the previous year.

The report also describes the milestones in 2014, including the major international contracts awarded last year such as Mercy Bridge (United Kingdom) the Lima Metro (Peru) and the Doha Metro (Qatar).

The report, published in Spanish and in English, is available in the FCC Construcción One intranet as well as in the Company's website.

See Link

FCC Aqualia publishes its 9th Corporate Social Responsibility Report

FCC Aqualia has published the ninth edition of its Corporate Social Responsibility Report (CSR) that summarises the main financial, social and environmental milestones of the company throughout 2014 in a very visual manner and which reflects the key aspects of the Company's relation with stakeholders, including employees, citizens, the mass media and public administrations.

One of the most relevant milestones is the Company's commitment to R+D+i, an area in which it invested more than 3.2 million euros. FCC Aqualia has worked with 22 national and 7 international centres for developing 17 projects, with eight patents currently in process, which require the dedication and work of highly specialised personnel.

The report describes the committed management model of FCC Aqualia in Spain which extends to all the services that it manages throughout the world. Of its total workforce, 19.3% of FCC's subsidiary Aqualia work abroad and play a key role in the Company's international expansion, particularly important in 2014 in EU countries, Latin America, and the Near East t currently operates in 23 countries and 20.9% of its global sales are generated abroad.

9th edition of the
FCC Aqualia CSR Report
http://www.aqualia.es/static/WAqualia/esp/RSC/2014/index.html

The report comes in Spanish and English and can be obtained at the FCC Construcción One Intranet as well as at its website.

FCC Aqualia maintains and has reinforced its commitment to the 7,639 professionals who work at the company, promoting initiatives to improve their day-to-day work. The success of the Company's activity has been achieved thanks to the professionalism of its staff and the quality of its service.

Also worth mentioning are the efforts made in occupational safety and health as well as in the development of equality policies, thanks to which the Ministry of Health, Social Affairs, and Equality have renewed its Equality Seal until 2016.

Each of these activities makes it possible to provide complete services to the community and the FCC subsidiary that specialises in end-to-end water management tries to ensure that this service meets the needs of residents and its transparency.

For the second consecutive year the report follows the GRI G4 guidelines for comprehensiveness and has been verified ay an independent external entity (AENOR).

The report, published in Spanish, English and Portuguese, comes in a digital version that can be accessed from an iPad or other devices as well as at the website or the Aqualia One intranet.

infraestructuras medioambiente agua

En 100 años prestando servicios a los ciudadanos hemos visto cambiar muchas cosas, la primera al propio ciudadano.

En FCC diseñamos y construimos infraestructuras, recogemos, reciclamos y valorizamos residuos urbanos e industriales, limpiamos calles, cuidamos parques y jardines, mantenemos el mobiliario urbano y suministramos agua en 5.000 municipios de todo el mundo desde hace más de 100 años. Al principio éramos unos pocos preocupados porque millones de personas disfrutasen de un lugar mejor donde vivir. Hoy son esos millones de personas los primeros que se preocupan por crear un lugar mejor donde vivir.

Lo estamos haciendo juntos.

www.fcc.es

FCC
Servicios Ciudadanos

100 race bibs for the 5th "Corre por el Niño" charity race

FCC participated for yet another year in the popular "Corre por el Niño 2015" race organised by Hospital Infantil Universitario Niño Jesús to raise funds for its Biomedical Research Foundation.

The Group purchased 100 race bibs for FCC staff and their companions who participated in the race organized on 8 November at Madrid's El Retiro Park.

In this year's edition, there was a circuit (1 kilometre) for youngsters plus two other circuits: 4 km and the long 10 km (time cycled with a chip) for adults.
For more information on the race, visit the website: http://www.correporelnino.com/.

See Link

Previous edition

Thanks to the funds raised in the fourth edition of the race, it was possible to carry out the following research projects and implement several healthcare improvements:

- A simulation centre comprising two rooms under the logo: "Before exercising, train". The Paediatrics Simulation Centre allows professionals to acquire complex technical skills, integrate knowledge, and train in a realistic environment in order to improve risk-free healthcare for the patient.

- Online Paediatric Intensive Care Unit (PICU): twenty PICUs participate in this pilot project which aims to learn about the benefits of an intensive paediatrics consultation by phone or video call in emergencies or in clinically unstable situations that may require transfer to the Paediatric Intensive Care Units (PICUs).

- Fever without a clear focus in children less than 3 years old to study the activated immunity markers. Thanks to the funds raised, it was possible to launch this project which won an award from the Spanish Paediatric Emergencies Society.

See Link

http://www.seup.org/institucional/becas/becas2014.html).

Run for the child and run for your health. Practice solidarity and sports

FCC Medio Ambiente unveils its Strategic Road Safety Plan 2015-2018

FCC Medio Ambiente, in keeping with its commitment to reduce and eliminate traffic accidents on the way to/from work and on travel assignments, has published its Strategic Road Safety Plan 2015-2018.

Most of the jobs at FCC Medio Ambiente are directly related to traffic either because most of the day they work as drivers or their companions, or work on the public road and, consequently, are exposed to road traffic, such as sewerage workers or those whose job entails street cleaning and waste collection.

The aim of this plan is to set out general guidelines so as to be able to achieve the objectives defined by management based on the analysis of safety levels and the trend over time.

To this purpose, an analysis was performed on the road safety risk factors that usually have an impact on the rate of accidents at FCC Medio Ambiente. An Action Plan was proposed consisting of a set of preventive measures that can be implemented to prevent and reduce the rate of traffic accidents. This set of measures includes four areas:

- **Road Safety Management**
  Measures that contribute to improving control over the risk factors that have a bearing on the rate of traffic accidents.
- **Workers' attitude and skills.** It is necessary to improve the skills of workers in terms of their health as well as their attitude – behaviour – in order to be able to have an impact on the human risk factor.
- **Design.** Measures for the proper planning in the design phase of the vehicle, routes, and the location of the work sites.
- **Travel to and from work.** Measures relating to the organization of work with the main objective of efficient traffic management, reducing the rate of traffic accidents, taking into account environmental and health factors.

FCC Medio Ambiente's Strategic Road Safety Plan focuses on three aspects:

1. **A Safe and Healthy Company.**
   A safe approach requires working on three essential aspects:
   - Safe vehicle.
   - Safe roads and surroundings.
   - Safe human behaviours

The design and implementation of Road Safety programs contributes to improving the health of people, reducing the number of pathologies, and improving the quality of life. Encouraging walking or bicycling increases physical activity and is beneficial for health.

2. **Sustainable company.**
   Measures such as the preventive maintenance of vehicles, safe driving and efficient purchase of more modern vehicles (taking into account sustainability and safety criteria) among other measures, contribute to safety at work and also to the reduction of emissions to air such as noise, fuel consumption, and makes it possible to increase the useful life of vehicles. At the same time, creating awareness on Road Safety also leads to more civic behaviour on the road.

3. **Competitive company.**
   All road safety measures will contribute to increasing the company's productivity, reducing repair costs, increasing the useful life of equipment, and, certainly, reducing the human and material costs relating to traffic accidents.

Read the FCC Strategic Road Safety Plan 2014-2018.

See pdf

The Levante II branch of FCC Medio Ambiente

FCC promotes road safety and sustainable mobility campaigns

Medical Units for Victims of Traffic Accidents

Even though the rate of accidents dropped this summer, many people were victims of traffic accidents. Since last year, the Traffic Department (DGT, Spanish acronym) is operating medical units to treat those who are victims of traffic accidents. Each of the traffic departments in the various provinces has a medical unit that provides legal, social, labour, or psychological counsel at critical times such as after being involved in a traffic accident. Since the start, the various units have treated more than 10,000 people. Anyone who requires this service just has to call 060 or the telephone number of the traffic department in their province.

The Levante II branch of FCC Medio Ambiente has focused its recent road safety campaign, known as "Twelve Months, Twelve Slogans, One Objective", on providing information and creating awareness on the use of the safety belts and the child retention systems (RTS), as well as on the risks of being distracted when seated behind the driving wheel, one of the main causes of road accidents.

In the month of September, efforts were focused on reinforcing the messages on traffic accidents when driving to and from work which requires taking several factors into account, such as leaving sufficiently ahead of time to avoid having to rush, leaving problems behind at home or at work so that we don't think about them when driving, and, most importantly, respecting traffic rules that protect us from having accidents by minimising risks (respecting speed limits and signs, using the safety belt, not talking on the cell phone, etc.).

So far in 2015, according to the Traffic Department, the total rate of accidents has dropped even though the figures are still impressive. Up to 2 September of this year, there were 727 traffic accident related deaths, 16 less than in 2014, despite the fact that there were five more deaths than in the previous year during the sum-

mer months of July and August when 225 people lost their lives in traffic accidents. It should be borne in mind that traffic increases significantly over the summer months and this was particularly the case this year in comparison with 2014 when there was an increase in the number of tourists who drive throughout Spain and the total number of cars on the road totalled 81.1 million.

Characteristics of the accident rate in comparison with last summer

- **By type of vehicles.** The number of traffic accident victims who travelled with a three-wheel vehicles, motorcycles, and trucks increased while the rate of accidents of those travelling in vans, bicycles, and cars dropped.

- **The age of the vehicles.** Where those who suffered mortal accidents travelled continued to increase. The age of cars was almost 12 years, motorcycles 11.2 years, and the age of vans remained unchanged at 11.8 years.

- **Type of roads.** The rate of mortal accidents increased in conventional roads with only one lane in each direction, being the roads with the greatest number of victims (85%) vs. highways and motorways, even though the rate of mortal accidents increased in all types of roads.

- **Type of accidents.** Swerving off the road continues to be the most frequent type of accidents, representing 44% of the total number of deaths (98 people). Head-on collisions were the cause of 47 deaths, other types of collisions resulted in 47 mortal accidents, and 19 pedestrians died after being run over.

- **By age group.** The age of the number of mortal victims of traffic accidents last summer was between 45 and 54 years old, followed by 25 to 34 years old, and by 35 to 44 years old. Also worth mentioning is the death of 8 children less than 15 years old and of 27 young people from 15 to 24 years of age.

- **Safety accessories.** Thirty of those who died in traffic accidents involving cars or vans were not using the safety belt when the accidents took place. In the case of mortal victims who drove three-wheel vehicles or motorcycles, four were not using safety helmets and two of the five victims who were riding a bicycle also failed to use the safety helmet. At least 18 lives would have been spared if the victims had used the corresponding safety accessory.

- **By autonomous community.** The number of mortal victims increased in Catalonia (+12) and in the Basque Country (+6), decreasing in the other autonomous communities (-13).

The "Riding to work" initiative has its rewards

"Riding to work" is an initiative that was launched by FCC Medio Ambiente's Andalucía II branch. The aim of this initiative is to improve the health and general well-being of workers by encouraging the use of bicycles as a means of transport to get to work. The measures implemented include:

- The installation of bike parking spaces at worksites.
- Seminars on the health benefits given by the medical departments of the company.
- Agreements with sports centres to obtain discounts for FCC employees.
- Providing safety helmets for employees who participated and did not have one.

The requirements for obtaining rewards was by accumulating points by going to sports facilities and riding 500 kilometres riding to and from work. A new goal was set at 1000 kilometres.

José Real Molina, next to his wife and the occupational hazard prevention technician of Andalucía II, Juan de Dios Sánchez at the CEAAN facilities.

Talk about health benefits held in the municipality of Moguer and delivered by our medical services in Seville.

José was the first one to ask for his reward although there are other co-workers who achieved this goal since the initiative was welcomed and resulted in the participation of 65% of the staff.

The Moguer worksite was the first to launch this initiative in October last year, which spread gradually to other cities and towns in the province of Huelva such as Bollullos Par del Condado and Valverde del Camino, followed by Lepe, Huelva, and El Puerto de Santa María, in Cadiz.

The regional branch office is convinced of the benefits of this initiative for the health of people as well as for the Company's results, also reducing the rates of accidents in this comprehensive management of risk prevention, safety, health, and well-being.

	Frequency	Gravity	Absenteeism	
Moguer	27,68	0,08	3,12	2015
	135,44	3,44	14,22	2014
	-80%	**-98%**	**-78%**	**Variation**
Bollullos Par del Condado	65,99	0,89	1,97	2015
	63,35	0,92	2,76	2014
	4%	**-3%**	**-40%**	**Variation**
Valverde del Camino	0	0	0,68	2015
	95,86	2,33	6,41	2014
	-100%	**100%**	**-89%**	**Variation**
Delegation Andalucía II MA	30,42	0,85	3,94	2015
	34,14	1,32	7,95	2014
	-12%	**-36%**	**-50%**	**Variation**

Successful simulation of the rescue of a worker who fell in the Motril-Salobreña (Granada) WWTP

Several members of the Motril fire department and employees of Aguas and Servicios del a Costa Tropical de Granada, the company holding the concession for the end-to-end water cycle in the region, successfully completed an evacuation drill involving a worker who fell inside an empty tank at the wastewater treatment plant.

The tank, a type of circular pool containing faecal water during the cleaning process is a very deep infrastructure which made the rescue operation quite difficult, although it was completed without any incidence.

"The execution time reflected the effectiveness of the Emergency Plan and also provided a global vision of the reaction capacity for this type of situations also making it possible t correct the detected incidences", explained Wolfgang Haguen, head of the Company's Occupational Hazards Prevention Department and the organizer of this drill.

The emergency drill was carried out trying to adapt at all times to an actual situation. This was the first of other collaborations in the future between the Motril fire department and the company.

Workers at the wastewater treatment plant participated in this drill with great motivation and aware of the importance of safety in the performance of their daily tasks where rapid and correct measures can save the life of a colleague.

The consortium comprising FCC Aqualia and MACE, the local construction company in the United Arab Emirates, submitted their candidacy for the Daman Health and Safety Awards

Objetive: zero accidents

With a zero rate of accidents, AqualiaMACE aims to be the company of the year in terms of Safety at the Workplace in the Middle East.

The consortium comprising FCC Aqualia and MACE, the local construction company in the United Arab Emirates, submitted their candidacy at the Westin Mina Seyahi Hotel in Dubai for the Daman Health & Safety Awards. Those responsible for defending the proposal were Mohammed Usman Khan and Fadi Abi Assal, Environmental Health and Safety and Deputy Contract Manager of the joint venture, respectively.

Entrance of the main pavilion in the last edition of IWS2015 sponsored jointly by FCC Aqualia and MACE through its consortium.

The AqualiaMACE option is based on the evidence and the specific measures implemented to achieve a zero rate of accidents. In order to ensure that the candidacy submitted by AqualiaMace had the greatest chances for success, the Occupational Safety, Communication, and Marketing departments and those at FCC Aqualia responsible for the contract in the region, analysed and designed the documentation that would be required to demonstrate the most outstanding aspects reflecting the great value of having a zero accident rate in the past four years of the contract.

In January 2013, ADSSC (Abu Dhabi Sewerage Services Company) put out to tender a contract for the management of the sewerage and wastewater treatment in the eastern part of the Abu Dhabi emirate. FCC Aqualia was selected as the awardee of this contract in the Middle East thanks to submitting the best offer in a consortium with the local company MACE. The term of the contract worth 763 million euros is until 2019.

In the photograph part of the team deployed in Al-Ain in the Abu Dhabi emirate.

FCC's successful participation in the 1st Soccer League in Madrid

FCC gave out the trophies for the 1st Soccer League 6 of FCC that was organised in Madrid for the Citizen Services Group's staff and friends. The tournament counted with the participation of 7 teams each with 8 to 10 members. All of them demonstrated great sportsmanship and soccer skills. The games were held at the Club Brezo de Osuna soccer field in Madrid. The winner of the league was the Inforein team and the runner-up was the La Contra A team.

FCC's aims with this initiative is to encourage physical activity and sports within the organization since it considers this an essential value for wellness and for achieving a healthy company thanks to group and team activities outside the sphere of work. We hope that this first experience, which proved to be very positive, the activities and participation proposed by FCC in this field will increase and become a tradition and a part of the organization's identity. We expect to see you at the next FCC Soccer League.

FCC supports the activities of European Mobility Week

FCC, in keeping with its commitment to sustainability and the improvement of the quality of cities, as well as with its Strategic Road Safety Plan, has promoted this year, once again, the activities organized in cities to commemorate the European Mobility Week which, as in previous years, was held from the 16th to the 22nd of September. The slogan this year for this European event was: "Choose. Change. Combine. Your Mobility".

The European Mobility Week (EMW) in which the Ministry of Agriculture, Food and the Environment is the national coordinator, is an awareness-building campaign to raise awareness among politicians and citizens on the negative consequences of the irrational use of cars in cities both for public health as well as the environment, and of the benefits of using more sustainable means of transport, such as public transport, bicycles, or walking.

Hundreds of European cities organized activities during a one-week period to promote sustainable mobility, deploying innovative and inspiring measures to encourage the use of public transport and the habits of walking or bike riding.

Two-hundred and eight cities participated in Spain, the second-ranking country in terms of involvement in this campaign (Austria, with 322 cities participating, ranked first). The work carried out in recent years has resulted in the consolidation throughout Europe of the projects promoted by the European Mobility Week as shown by the great number of city councils that participate voluntarily in developing these projects. As in every year, the most significant event is the "day without cars" during which cities only allow in certain areas pedestrian, bicycle, public transport, and clean vehicles (such as electric cars) traffic.

Some examples: traffic in the historical district and most of the midtown area in Stockholm is limited to pedestrians; in Tallin, residents have benefited from the use of free public transport by showing their driver's license and in the Portuguese city of Aveiro, the initiative of residents known as «Ciclaveiro» has featured a series of events to promote bicycling, such as exhibits, workshops, and the sale of second-hand bicycles.

Many cities in Spain have also promoted the day without cars, road education cycles at schools, and campaigns to raise awareness and encourage the use of public transports, cycling routes around the city for the young and old, skating activities, guided urban routes, as well as a rollerdance to discover alternative means for moving around the city.

Mobility at sports events

Fundación Española para la Seguridad Vial (The Spanish Road Safety Foundation, FESVIAL), and the companies Pelayo and Continental, with the support of the Spanish Soccer Federation, have unveiled a study conducted among fans, trainers, and the police to analyse mobility and the main road risks during the celebration of major sports events, particularly soccer matches.

Large stadiums that host major sports events, such as soccer games, are usually situated in the outskirts or neighbourhoods in large cities, where there are residential and commercial areas, hotels, and parking facilities, as well as stations or public transport hubs in the proximity. Travelling to these stadiums generate certain mobility situations in the adjoining areas. On top of this, there is the fact that any sports event can congregate a large number of people in the areas surrounding the stadiums and, therefore, demand for mobility in adjacent areas could be enormous.

When a game is held and all tickets are sold out, thousands of people go to the stadiums in peak hours, many by foot, but also in private cars, taxis, or public transport. Evidently, this mobility causes traffic jams, interruptions, and detours, lack of parking spaces, saturates the public transport systems, etc. In addition, there could be unsafe behaviours, consumption of alcohol or drugs, etc. that could even lead to violence on the part of fans. In short, all these circumstances affect the flow of traffic and safety in the streets near the stadiums and this aspect is one that should be taken into account.

The conclusions of the study, which analyses precisely mobility and the main road risks during the celebration of major sports events through the perception of three groups: fans, local police, and trainers, are as follow:

Conclusions of the survey among soccer fans

Generally, the opinion of fans is that the organization and accessibility to major sports events are badly organized. Even though they believe that there is little risk of being run over or being involved in a traffic accident and if this was the case, it would probably occur a few minutes after the event in the areas close to the stadium, in the neighbourhood where it is situated. The main infraction committed by users when driving is not respecting pedestrian crossings.

Fans have a positive opinion on the use of forces of law and order to ensure safety and are also in favour of promoting awareness campaigns on road safety and on the risks involved in consuming alcohol and driving.

One of the aspects that requires improvement, according to fans, is to offer more public transport and to provide special services.

On checking car tyres, only 23% of fans checks their tyres every month or more often Most do this every two or more months or when they travel a longer distance than usual.

The conclusions of the survey among local police

Even though the police do not believe that there is a direct relationship between traffic accidents and sports events, they stress safety measures due to the aggressiveness and rivalry among fans and the number of these fans that go to the stadiums. The main infraction, according to the police, is the invasion of the street by pedestrians.

Conclusions of the survey among soccer trainers

The soccer trainers who were interviewed believe that the situations with the greatest risk are the pedestrians who are run over by cars and not respecting pedestrian crossings. They have a positive opinion on increased security by the forces of law and order and banning circulation a few hours before the soccer matches begin. They consider that the areas adjacent to the stadiums are the right place to promote sports values applied to road safety, such as respect.

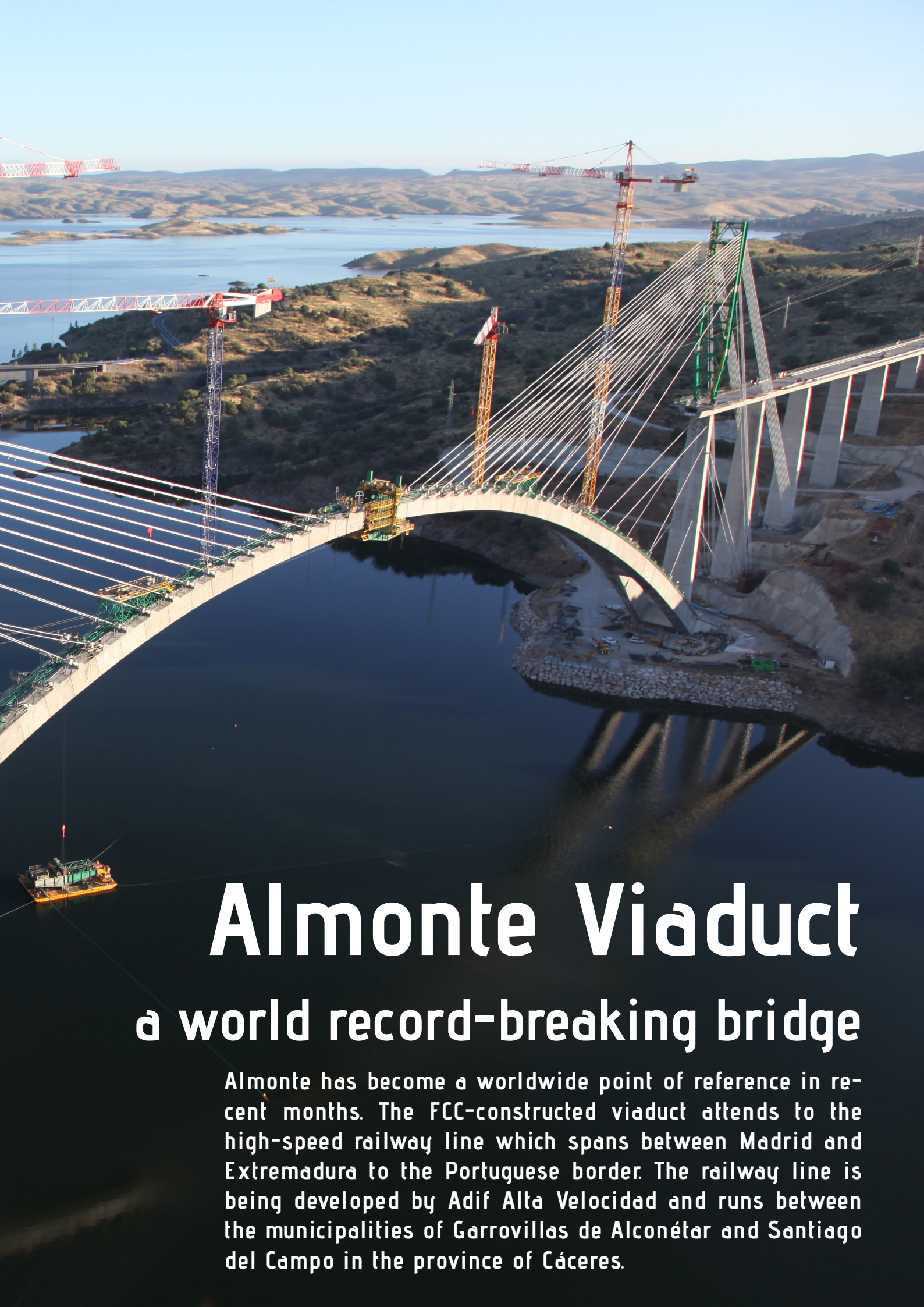
Recommendations

After analysing mobility and travel to and from these events, the study includes a series of recommendations to improve road safety and access to the events in these situations.

The recommendations are as follow:

- Increase the number of controls and the resources of police who coordinate and control traffic.
- Improve the offer of public transport to prevent the congestion of private cars.
- Promote road safety awareness campaigns in relation to the values of soccer and sports in general.
- Inform and create awareness among the different users so that that they drive safely, respecting the areas designated for them and checking their vehicles periodically.

Knowledge



Almonte Viaduct

a world record-breaking bridge

Almonte has become a worldwide point of reference in recent months. The FCC-constructed viaduct attends to the high-speed railway line which spans between Madrid and Extremadura to the Portuguese border. The railway line is being developed by Adif Alta Velocidad and runs between the municipalities of Garrovillas de Alconétar and Santiago del Campo in the province of Cáceres.

The viaduct is divided into three distinct parts: two access roads and one central section. The central section comprises a 384-metre-long concrete arch span. The bridge is 996 metres long with a deck fixed upon a 14-m-wide and 3.10-m-thick statically indeterminate box section formed by 23 spans.

The construction of the Almonte Viaduct arch has broken a new world record. Once completed, the viaduct will become the railway bridge with the largest reinforced concrete arch span worldwide.

“With regard to previous railway projects, both in Spain and within a European and global scope, we are exceeding the record length of what has been built until now by 1.5”, claimed Pedro Cavero, site manager of the Alcántara-Garrovillas Reservoir Joint Venture.

This structure will exceed the Dashegguan Bridge in China by 336 metres. Also, amongst those which are used as railways –even if not high-speed ones–, it will also exceed the bridge over the Froschgrund lake in Germany by over 100 metres, also made of concrete, on the Nuremberg-Erfurt line, which is 270 metres long..

Two major milestones

Closing of the arch

During the week of 3-7 August, the FCC Construcción team worked on a very complicated operation regarding locking and closing the arch of the Almonte Viaduct with the keystone. This operation came to a close in the early hours of Friday 7 August with the concreting of the last segment.

Lowering of the bridge cranes

On 19 August, the process to remove the bridge cranes used to close the arch of the Almonte Viaduct got underway.

The operation consisted of lowering the main beams of the cantilever bridge cranes that were used to execute the North edge of the Almonte arch. It was carried out using a system of 4 HEAVY LIFTING type hydraulic jacks with a synchronised stroke between the 4.

The weight of the part to be lowered was approximately 100 tonnes and the bridge cranes were lowered at a speed of approximately 12 m/h and unloaded into a pontoon, which was chartered specifically to receive the load.

Once this operation is finished, the completed arch in its entirety can be seen without the bridge cranes.

Detensioning and dismantling of the provisional staying system is currently being carried out and pilasters are being put in place which will subsequently support the deck of the viaduct.

See Vídeo

If it is only compared with concrete arch bridges, regardless of railway use, it will be the third largest in the world, only behind the Wanxian bridge in China, which is 420 metres long and "very close" to the longest of the bridges between the Sveti Marko and Krk islands in Croatia, which is 390 metres long.

Pablo Jiménez Guijaro, construction manager and area manager of Adif Alta Velocidad, assures that "We are presented with exceptional scales. Each day, we have a new technical challenge to face."

Innovation has been prevalent throughout the entire process, serving as a crucial element to successfully construct the arch. David Arribas, head of bridges I department in Technical Services at FCC Construcción, who has led the detail project tells us that "When one takes a leap forward in terms of the scale of projects one carries out, many new things are learnt along the way. In a project of this calibre, any given element of the construction process is innovative".

David Arribas, head of the Puentes 1 Department of the Technical Department of FCC Construcción.

The construction process

The project was designed by Arenas y Asociados and IDOM. FCC Construcción Technical Services have been in charge of implementing the detail project, making it possible to carry out the construction process of the viaduct which is adapted to the special conditions of a particularly complex structure.

"It is a particularly lowered arch with a rather unique octagonal shape, even though it is common for arches to be rectangular. The arch begins with two legs which are connected in the middle to become one", said David Arribas.

Pablo Jiménez Guijarro guarantees that "FCC, as a powerhouse construction company, has provided all of the engineering resources necessary to implement the project. Both the bridge crane system and the definitive system that were used on the cable-stayed tower at the were designed by the FCC technical team".

During the construction process of the bridge, the construction technique that stands out most was the use of bridge cranes to position segments one by one, as well as to subsequently tighten these by means of cable-stay systems. It is a provisional tightening method which enables each one of the semi-arches until the closing of the arch to be underpinned, after which the bridge becomes free-standing.

David Carnero, head of general production on the project states that "The bridge cranes are motorised and free-standing, functioning as a cantilever and move alone by means of a hydraulic system present both at the lower beam as well at the overhead gantry", to which Agustín Alonso, head of structural production, adds that "The greatest complication during the assembly of the arch was the fact that it varies a lot".

"The **construction of the viaduct has generated great interest** in the academic community as well as in the profesional sector "

Interview with **Pedro Cavero** (Project manager of the Joint Venture)

What are the most salient aspects of this project?

The magnitude, geometry and design of the project generate very specific characteristics such as the variation in the sections, aspects which present new challenges to overcome during each working day.

We have 60,000 cubic metres of all types of concrete, which vary from the most common or regularly used on civil works or in construction, 20 MPa, 30 MPa, to high-pressure concrete, 80 MPa self-compacting concrete for the arch, or 60 MPa concrete on the deck.

Like other significant amounts, we can highlight for example that near to one million kilos of steel are used on the two auxiliary towers of the viaduct which function by tightening the provisional cables which enable the cantilever.

We also have another million kilos of steel in cables and close to 8,000 tonnes, more than 8 million kilos of passive steel, inside the bridge.

How does FCC contribute to the overall project?

FCC spearheads the construction of this section and exclusively implements the detail project. The experience, the team, and the know-how have ensured that previously unaddressed obstacles have been overcome.

What has been the main challenge?

There is no single challenge. The magnitude of the project we are facing is so large that it brings about new challenges daily that must be resolved.

What have been the repercussions of the expertise in a project as unique as this one?

The construction of the viaduct has generated high interest from the academic community as well as from the professional sector. We have received visits from practically every engineering school in the country and even internationally such as from Princeton University, whose interest has now led to a video which is currently found on YouTube. Professional associations and companies in the sector have shown a special interest in this project and we have been able to share with them the progress and challenges presented from such a unique project.

How many people have worked on the project?

The construction phase of the semi-arches involved approximately 80 people. The highest number of people involved worked on the simultaneous construction of both the arch and the access decks to the arch, reaching a total of around 170 people on site.

What environmental measures were implemented?

In basic terms, it would be necessary to point out two key measures in this regard. We carried out an ornithological tracking of all of the families or pairs of birds which could have been affected during the implementation of this work project; in fact, there was a pair of golden eagles living in this area which were in danger of extinction, therefore we had to make a group of nests so that the pair could nest several kilometres away above the river. We did it. In the end it worked out well.

The other measure was executed through the installation of a "birdlife screen" which functioned by ensuring the birds soared upwards, crossing above the overhead cable so as to avoid colliding neither with the railway nor with the cable.

How is the viaduct going to bring value to the community?

The viaduct, as well as the stretch and line incorporated into such, are going to cut transport times, considering that Extremadura is extremely large regional community. As soon as we have a high-speed system in place, internal journey times are going to be shortened, such as the connection with Madrid, for example. The Cáceres to Madrid journey currently takes approximately 3 hours and a half, and the Badajoz to Madrid connection takes one hour and a half. Both journeys will be reduced by 30 and 50 minutes respectively for services with stops, and by even more for direct or semi-direct services. This is without doubt a remarkably significant advancement.

Guest-column

By: Catherine Milhau
Manager of the Coordination and Development
Department of FCC Medio Ambiente

Teams prepared for responsible environmental management

Launching of the Comprehensive training plan of the Environment Division

The Environment Division of the FCC Group recently prepared a Comprehensive Training Plan to inform and to build awareness among its collaborators on the measures that will make it possible to improve and consolidate sustainable environmental management in the services in our everyday lives and regardless of our function within the organization.

This Comprehensive Training Plan rounds up the range of initiatives developed as part of the sustainable development strategy of FCC Medio Ambiente that was initiated in 2005 The methodologies and systems developed in collaboration with scientific organizations in order to define and calculate the significant environmental performance indicators of our activities have provided the organization with reliable tools verified by third parties in order to improve management of our impact on the environment, as shown in the results achieved in the past few years in the aspects most directly associated with the fight against climate change.

In terms of energy efficiency, there was a nearly 6% improvement in self-consumption of the energy generated and 17% in the consumption of energy from alternative sources in the solid urban waste treatment plants.

It was possible to reduce on an overall basis 3.3% of greenhouse gas emissions (GGE). Landscaped urban areas to be protected and conserved increased 12.6% although the source of 60% of water used for irrigation is the network and, therefore, we will have to find solutions to promote the use of water from alternative sources. In economic terms, the positive externalities increased 2.4% while the negative ones dropped 1.7%.

Nevertheless, and despite the achievements as a result of good practices, the implementation of the best available technologies and the new design of the services that we offer our clients, we must continue to advance on the road of continuous improvement that will affect the quality of life of the 27.1 million citizens to whom we provide services in 3,383 Spanish municipalities and also on our profit and loss account

> FCC Medio Ambiente joins the "One million commitments for the climate" in order to promote responsible commitments beyond the professional sphere

thanks to the improvement in our balance sheet of our environmental externalities.

To meet this challenge, we must count on the participation of our 24,495 collaborators. Consequently, in-house training is the ideal way for transferring and disseminating to our stakeholders, through the exposition of practical and reference cases resulting from our business experience, what each can do to achieve the commitments defined by the organization in relation to:

- the efficient use of energy and water resources;
- the reduction of greenhouse gas emissions;
- the transformation of waste into resources;
- the protection of biodiversity;

Promote responsible commitments beyond the professional sphere

To make its objectives and priorities more ambitions, FCC Medio Ambiente has also introduced an integrating goal in its Comprehensive Training Plan. Following the national initiatives promoted to accompany the preparation of the international agreement on climate change, including FCC Group's membership in the Spanish Green Growth Group, the organzation wants its direct collaborators and the employees of the FCC Group, to participate voluntarily and with a spirit of solidarity in the "One million commitments for the climate" campaign at the invitation of the Ministry of Agriculture, Food, and the Environment jointly with ECODES. It represents a collective challenge with the goal of contributing to create awareness among the public on climate change in view of the celebration of the United Nations Conference on Climate Change (COP21) which will be held next December in Paris.

The training sessions based on FCC Medio Ambiente's commitment to promote among the entire organization the responsible environmental behaviour of its teams and on its solidarity with the initiative "One million commitments for the climate", will be organized around a series of eight modules in order to transmit knowledge, create awareness, involve, share experience, and communicate to third parties or creation of values.

The modules, the design of which is based on the same structure, set out the guidelines to enable each collaborator, regardless of the service provided or the job, to assess his level of involvement in order to comply with the objectives of the Comprehensive Training Plan, for purposes of the organization as well as external ones:

- Act and collaborate as an environmentally responsible agent in keeping with the corporate commitment.

- Identificar Identify and know the positive and negative impacts of my professional actions on the environment.

- Be part of an aware group, sharing common objectives and those of general interest.

- Contribute and share my suggestions based on my professional experience.

- Periodically evaluate and analyse (throughout the term of the contract) with my hierarchy the impact of the suggested improvements and good practices.

- Transmit an exemplary behaviour to the community.

- Participate in disseminating and demonstrating responsible actions.

- Collaborate voluntarily and with a spirit of solidarity in an initiative and group challenge: One million commitments for the climate".

Read the PDF Comprehensive Plan for a sustainable environmental management

- Adopt new lifestyles and behaviours: combine my efforts with those of other citizens.

- Contribute to the sustainable preservation of energy, water resources and biodiversity.

In addition to the previously described objectives, it should also be mentioned that the training will increase the qualification of the teams in new aspects that are often ignored, and will encourage the appearance of new profiles such as: observer, monitor, educator, environmental agent.

The qualifications of our staff will support the implementation of the new environmental counselling service offered to our clients, highlighting the effect of the returns obtained from the sustainable environmental manage on our surroundings and on the community where we operate. All of this can also be assessed and demonstrated based on the calculation of the carbon footprint ad of the intensity indicators defined for each of the services rendered.

Lastly, we are committed to a participative training model that will have an impact on our creation of values, the benefits of which will redound in favour of the fight against climate change.

Organization of the training course

The Comprehensive Training Plan is part of the general framework of the general course plan proposed by the organization for its employees. Training will be in classrooms and on-line. The duration of the sessions has been adapted to the profile of each participant (management, middle management, and operators).

The Company's technical experts (from central services and branches) will be teaching the courses. The evaluation sessions have been distributed throughout the term of the contract according to a frequency that will be aligned to the needs of each service contract. Sessions for updating knowledge will be held in order to keep employees up to date on the progress achieved by the organization.

The information material supporting the training will be distributed among participants in a pen drive and can be consulted for the online sessions at the S.E.D.R.U.S.® "Lucha contra el cambio climático" portal of the corporate intranet. The guidelines and links for accessing and collaborating with the "One million commitments for the climate" will be disseminated via the intranet.

FCC Medio Ambiente wishes to express its appreciation to the Ministry of Agriculture, Food, and the Environment and ECODES for authorizing the reproduction of iconographic material (pictographs and logos)

Responsible employees with a spirit of solidarity to join a group challenge

The start of the street cleaning service in October 2015 in San Sebastian, extended last July, will be the first to launch the Comprehensive Training Plan for the entire staff consisting of 21 technicians and managers and 200 operators. This group of 221 employees, also citizens, will head the collaboration that FCC Group employees, on an individual basis, have agreed to provide to the initiative "One million commitments for the climate".

The sustainable change dynamics, necessary for a real ecological conversion or change, should count with responsible and committed behaviour within a group framework where corporate strategies will certainly play a role within their immediate circles of influence as well outside this close circle (employees, clients, citizens, suppliers) by being an example of their commitments and actions.

1MILLÓN DE COMPROMISOS por el clima

Training modules

Disseminate general and specific knowledge on environmental performance:

Module 1: The fight against climate change (mitigation, adaptation).

Module 2: The environmental performance of the Environment Division (significant indicators of the positive and negative impacts within our field of activities). Identify, measure, and reduce environmental impacts in the day-to-day service provision. Identificar, medir y reducir los impactos ambientales en la práctica diaria del servicio prestado:

Module 3: Improve energy efficiency and reduce GHG emissions.

Module 4: Protect water resources.

Module 5: Transform waste into a resource.

Module 6: Promote biodiversity

Module 7: Responsible environmental performance based on solidarity: my level f involvement.

Module 8: Economic valuation of environmental externalities.

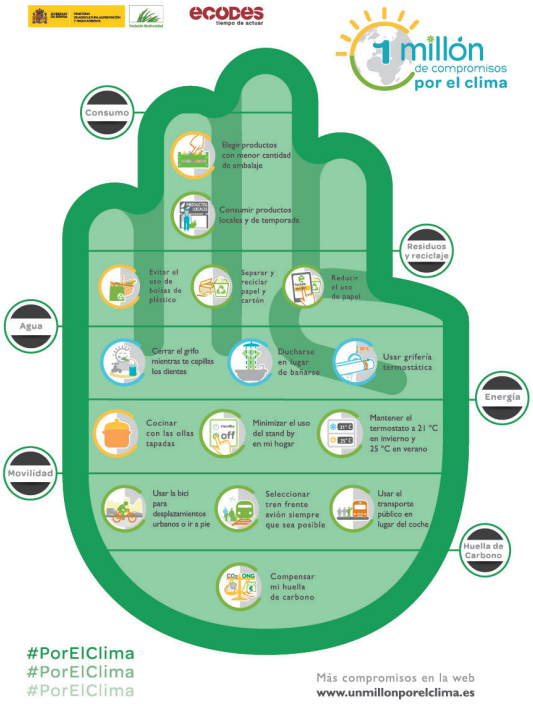
in the design of the technical training supports as well as for the publication of the brochures that will be distributed during the training sessions. This makes it possible to combine in a single graphic environment the identification of the common shared objective and commitments among the various groups of stakeholders (companies, entities, citizens).

FCC joins the "1 million commitments" initiative for the 2015 Climate Summit in Paris

FCC has joined the initiative launched by the Ministry of Agriculture, Food and Environment, together with the Ecology and Development Foundation (Ecodes), called "One million Commitments for the climate" (Un millón de compromisos por el clima), which challenges us to uphold 1 million commitments for the climate in the run up to the 2015 Climate Change Conference in Paris, COP21 (Conference of the Parties of the United Nations Framework Convention on Climate Change), in which governments must approve an agreement that will establish a new international regime against climate change.

The "One million commitments for the climate" campaign invites businesses, local authorities, NGOs and citizens to join in the fight against a problem which affects us all: climate change.

We at FCC want to encourage all of our employees to accept this invitation from the Ministry and become part of a community involved with the climate, and in turn contribute their own commitments.

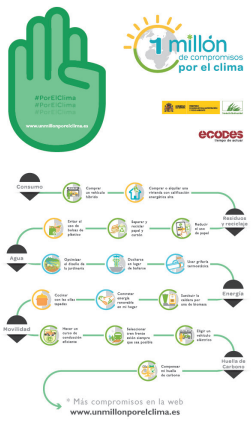


Ver pdf

See Link

When we join the initiative, we are committing ourselves to this issue in every way that we can. Getting involved is very easy: you simply have to go to http://www.unmillonporelclima.es/fcc and choose among the suggested commitments; those that you are already fulfilling and those which you promise to uphold in future.

They are very simple commitments which range from using LED lights, recycling our waste, to simple acts such as turning off the tap while we brush our teeth.



COMPROMÉTETE #PORELCLIMA

Abu Rawash, land of pharaohs

FCC Aqualia will be building a large wastewater treatment plant a few kilometres from Cairo

The company secures its largest contract ever in Egypt worth 2.4 billion euros

It is the largest contract awarded in the history of the water management subsidiary of the Citizen Services Group, considering that it will involve a business portfolio for the consortium worth 2.4 billion euros.

Abu Rawash is one of the fastest growing zones of Cairo. It is situated eight kilometres northeast of the Giza plateau and north of the Memphis necropolis. The Abu Rawash wastewater treatment plant is north of the southernmost pyramid in Egypt, the pyramid of the Pharaoh Djedefre, currently in ruins. This pharaoh was the son and successor of the pharaoh Cheops and was the only one of the fourth dynasty to choose this zone for building his mortuary temple. There are also several pre-dynasty cemeteries of the Ancient Empire and the Greco-Roman period. It seems that this pyramid was the higher than the three pyramids in Giza and its stones were used later to build the city of Cairo.

It is a build-operate-transfer contract with an investment of more than 500 million euros. The scope of the investment works includes the expansion of the biological treatment facilities in the current primary treatment plant with a capacity for 1.2 million cubic metres and the scaling-up to 1.6

Djedefre, pyramid, currently in ruins.

Aerial view of the current wastewater treatment plant.

million cubic metres of water treated daily. The project has the strong financial support of the EBRD, the World Bank, and the Egyptian bank.

The Abu Rawash contract falls within the scope of the ambitious action plan on water and sanitation issues experienced by the Government of Egypt.

This is the second large-scale project that FCC Aqualia has carried out in Egypt, after having been awarded in 2010 the design, construction and operation of the wastewater treatment plant in New Cairo for a period of 20 years. Located in the capital of Egypt, it was the first contract that was awarded in the country for a collaborative public-private partnership (PPP).

> FCC Group's water management subsidiary leads a consortium for the financing, design, construction, and operations over a 25-year period

> The Abu Rawash plant, one of the largest ones in the world, which will treat 1.6 million cubic metres of water daily, is the second contract awarded to the FCC subsidiary in Egypt and will provide service to 5.5 million people

The improvement of sanitation and water purification systems is one of the goals set by the United Nations in its Millennium Development Goals (MDG).

FCC Aqualia, a company specialised in the design, construction and operation of all types of sanitation infrastructure, operates 320 wastewater treatment plants in four continents. In this regard, the company significantly helps to improve the quality of life in areas where it works.

Along with its experience in sanitation and purification projects, the company works on different R+D+I initiatives to apply new technologies to these processes.

Another aerial view of the treatment plant .

> It will be the biggest wastewater treatment plant designed, built, and operated by FCC Aqualia so far

Depuradora de New Cairo

Among world leaders

FCC Aqualia is the water management company belonging to the Citizen Services Group. It is the leading Spanish company in its sector, the third private water company in Europe and the sixth worldwide, according to the latest ranking by the specialist publication Global Water Intelligence (GWI). Its client portfolio covers 23.5 million users.

It currently provides service to 1,100 towns in 22 countries: Spain, Italy, Portugal, Czech Republic, Poland, Romania, Montenegro, Bosnia, Mexico, Peru, Chile, Uruguay, Algeria, Egypt, the United Arab Emirates, Saudi Arabia, Serbia, Kosovo, China, South Africa, Tunisia, Qatar and India. In the last financial year, the water management subsidiary of FCC logged a turnover of 950 million euros and achieved a record business portfolio of more than 14 billion euros.

Congratulations for a historical contract

Dear colleagues,

Congratulations to the FCC Aqualia team for having won the Abu Rawash contract in Egypt. This contract is one of the biggest ones in FCC Aqualia's history. Once completed, it will be one of the ten largest treatment plants in the world.

My most sincere congratulations to Félix Parra and to each of our colleagues.

The complexity of the project contributed to having it awarded to FCC. Once again, it underscores the technical quality of our team which is a source of pride. Treating 1.6 million cubic metres of water per day underlines the size of this challenge.

Congratulations and let us all continue working with enthusiasm and effectiveness.

With kind regards,
Carlos M. Jarque
Chief Executive and CEO of FCC