We are FCC

Nº 23

Sustainability, one of the main pillars of Vigo's new urban services contract



BACK to the FUTURE

SMALL IDEAS FOR BIG CHANGES



IV Edition

Children's Drawing Contest

23 September-2 November

SUMMARY

Group FCC

Business

Diversity

People

Sustainability

Wellness

The Place

Communities

Innovation

FCC Group joins the #apoyamoslosODS campaign promoted by the UN Global Compact in Spain





With a view to publicly reinforcing the value of its commitment and efforts to raise awareness among its stakeholders, FCC Group has joined the #apoyamoslosODS campaign, launched by the UN Global Compact Spain, an initiative to which it belongs, with a view to disseminating these Goals set out by the United Nations. The aim is to serve, as part of its own commitment to the SDGs, as a loudspeaker and to achieve a multiplier effect, helping them to become more widely known and worked on via the communication materials to be disseminated on the corresponding channels.

A member since 2007

FCC became a member of the United Nations Global Compact, the world's largest corporate sustainability initiative, on 7 May 2007. Since the approval of the 2030 Agenda in 2015, in addition to its commitment to promoting the Ten Principles, it has strived to align its corporate management approach with the SDGs, generating new business opportunities, improving relations with stakeholders and promoting innovation.

To this end, FCC Group strives to improve people's quality of life, responding to their expectations and the needs of their surrounding area, harnessing its consolidated track record as a socially responsible company. FCC's commitment to the 2030 Agenda and contribution to the Sustainable Development Goals; to the Paris Agreement on climate change; to the United Nations Global Compact and to the transition towards a circular economy model, are just a few examples of the company's roadmap when it comes to overcoming the challenges of climate change and socioeconomic inequalities on a global scale. Furthermore, the FCC Group is committed to making a collective effort for cooperation and solidarity to make progress in achieving more resilient, fair and inclusive societies, leaving no one behind, convinced of the role that the company can play in supporting the economic

reactivation, generating quality jobs in the communities in which it operates. This year, FCC has continued to explore new frontiers on its sustainable path, considering the needs and expectations of stakeholders and placing citizens at the heart of the business.

Through this type of action, the UN Global Compact Spain and its member organisations seek to contribute to the 2030 Agenda and its 17 Sustainable Development Goals; in these times of crisis and uncertainty, these efforts represent the formula for creating the sustainable future that the world needs.

To achieve such an ambitious Agenda, it was agreed that participation from everyone is necessary: governments, businesses, civil society and citizens around the world. The agreement's strength comes from its universal nature and its ambitious 169 goals. Achieving them requires an unprecedented effort on the part of all sectors of society, and businesses have a very important role to play in this endeavour. This means commitment from the public sector, businesses, investors and civil society.

> "The aim of the #apoyamoslosODS campaign is to act as a platform to generate a multiplier effect and raise awareness and drive forward the 2030 Agenda"





Encouraging companies to contribute towards sustainable development

It has been seven years since the 2030 Agenda with its 17 Sustainable Development Goals (SDG) was approved unanimously at the United Nations General Assembly by the 193 participating States, including Spain. "Leaving no one behind" is the motto of the agreement. The SDGs propose ending poverty and hunger, reducing inequalities, and tackling urgent challenges such as climate change.

We are living in unprecedented times, marked by major global challenges such as the climate crisis, the COVID-19 pandemic and the increase in the number of conflicts worldwide. This critical situation threatens to jeopardise the 17 Sustainable Development Goals.

Now more than ever, it is important to mobilise and take action in favour of sustainable development to continue having a positive impact on people and the planet.

> "Corporate management based on SDGs creates new business opportunities, improves relationships with stakeholders and promotes innovation"

IV Edition

Children's Drawing Competition

September 23rd - November 2nd



SMALL IDEAS FOR BIG CHANGES

THE GLOBAL COMPACT
WE SUPPORT

FCC

4 QUALITY EDUCATION

13 CLIMATE ACTION

Every little detail counts. We know you have great ideas. Draw us **the world you dream** of and let us make it happen together.

Win a €500 gift card and many more prizes!*

Children between the ages of **3 and 11** who have a family member working at FCC can enter our competition by sending us their drawing **by 2 November to regresalfuturo@fcc.es.** Please make sure to scan your artwork with the highest possible quality so we can better enjoy your drawing. We know it will be great. Help us think of a dream world. Because dreams come true.

You can **upload your drawing to Instagram** and share it with your all of your friends.

The drawing with the most likes will receive a prize.

How? Follow @fcc_group, upload a picture of your drawing (without the data column), tag **@fcc_group** to the image and add the hashtags **#regresalfuturo2022 #backtothefuture2022 #fcc #fccgroup #ods #sdg.**

* The winners of each category will receive a €500 Amazon gift card but we have many more surprisesfor the best ideas. For more information, see the terms and conditions.

Existe un espacio donde la diversidad empieza por you_



you_*diversity*

Esther Alcocer Koplowitz receives the **Businesswoman Leadership Award at the XXXI FEDEPE Awards**

The chairwoman of the FCC Group, Esther Alcocer Koplowitz, has received the Businesswoman Leadership Award at the 31st edition of the FEDEPE Awards given by the Spanish Federation of Women Managers, Executives, Professionals and Businesswomen.

Under the honorary presidency of HM the Queen, the award ceremony took place on 21 July in the auditorium of the Spanish National Research Council (CSIC) in Madrid, and was presided over by the Spanish Minister of Industry, Trade and Tourism, Reyes Maroto.



On the left, FCC Chairman Esther Alcocer Koplowitz, accepting the “2022 Businesswoman Leadership Award”.

In her words after receiving the award, the chairman dedicated it “to the women in her life” with this message: “It is often said that our generation has advanced on the shoulders of giants, I have had the good fortune to be supported, since I was born, by a giant, my mother, Esther Koplowitz. A good woman, very good, brave, a fighter, passionate and a pioneer in many ways, who made me see the true meaning of the word resilience. A woman who has taught me everything I know and from whom I continue to learn every day. This award goes to you, Mom. To my daughters, Esther and Carmen, who are already taking their first steps in the professional world, in the hope that they will be free, happy, empowered and committed women. And finally, I would like to pay special tribute to all the women who make the FCC Group possible on a daily basis. For their strength and their ability to create and strengthen teams. This award also goes to them”.

> “The chairwoman of the FCC Group dedicated the award to her mother Esther Koplowitz, her daughters Esther and Carmen, and the women of FCC”

Watch the award ceremony video

Esther Alcocer Koplowitz’s speech at the FEDEPE AWARDS

Vigo once again entrusts FCC Medio Ambiente with the provision of its urban services



Presentation of the waste collection, street and beach cleaning and clean point management service in Vigo.

> "Sustainability is one of the main pillars of the new contract, so a Zero Emission Zone has been established for waste collection and street cleaning services"

Vigo City Council has once again awarded the contract for waste collection, street cleansing, beach cleaning and household waste recycling centre (HWRC) management to FCC Medio Ambiente, which has been present in the city uninterruptedly since 1989. The order book value exceeds €366 million for the next 9 years and 6 months.

Sustainability is one of the fundamental pillars of this renewal, which is why a Zero Emission Zone has been established for the waste collection and street cleansing services, mainly in the Old Towns, not only in Bouzas but also in other Historic Centres, which are particularly sensitive areas due to their importance both for tourism and for the citizenship of Vigo. The implementation of the service will involve the renewal of a large proportion of the current fleet, with more than 50% of the units being electric or ECO environmental-labelled vehicles, which highlights the City Council's commitment to the fight against climate change and care for the environment.

300,000 inhabitants

The waste collection service, which caters to around 300,000 inhabitants and collects 118,703 tonnes per year, will boast a workforce of 160 people and 58 vehicles, and will undertake the progressive implementation of the organic fraction selective collection. Regarding the container fleet, the number of units will be increased for the collection of the organic fraction. For selective collection, the current areas will be expanded, introducing rear-loading and left side-loading containers. Specific door-to-door collection will be implemented for large producers and mini-bins for composting will be distributed in rural areas, where selective collection will also be promoted, for which filling sensors will be installed. Finally, a system of daily put-on / put-off containers will be introduced in the Old Town.

2,303 km of streets and 7.2 km of coastline

The street cleansing service covers 2,303 kilometres of street, of which 1,634 are located in rural areas, and will have around 360 people and 90 vehicles. Measures to reduce the consumption of drinking water in the services, saving systems in equipment and water meters, and environmentally friendly biodegradable cleaning products will be adopted. Specific measures have also been established to reduce noise pollution, improve road safety and reduce odour nuisance. The frequency of the service will be increased on Sundays and public holidays.

> “The contract portfolio exceeds 366 million euros”

The beach cleaning service, which comprises 7.2 kilometres of coastline, has 27 workers and 19 vehicles. A mechanical sifting machine on a mini-tractor will be incorporated, as well as an ambitious proposal for the placement of containers and bins for selective use according to fractions, with the aim of easing their subsequent recycling. Four waste deposit points will be set up, consisting of side-loading containers for exclusive use for each of the fractions.

Lastly, different types of Household Waste Recycling Centre (HWRC) will be implemented: permanent, mobile and of proximity, all with the aim of facilitating the correct separation and collection for the citizen. This new service has a Deposit and Reward System (SDR in Spanish) for refuse which will be installed in civic centres. The mobile HWRC will be installed in 12 strategic locations in the city and there will be a clean “bookcentre” service to give a second life to books, records.

Technological innovation through VISION

In terms of technological innovation, the comprehensive management of services will be carried out through the VISION digital platform, developed exclusively by FCC Medio Ambiente, which allows the control, monitoring and optimisation of the works and makes it possible to interact in real-time with residents’ requests. It can be fully integrated with other software platforms that the Vigo City Council has or may contract in the future, bearing in mind the continuous innovation of the Council and, consequently, of the service.

Thorough planning

With this renewal, annual and occasional communication and awareness-raising action plans will be implemented, while specific direct campaigns will be created for different actions such as the collection of household goods and bulky items, the new organic fraction collection service, or the selective collection of paper/cardboard and packaging, among others.

Commitment to inclusion

The staff of the services is well above the legal minimum number of workers with disabilities, and various agreements have been signed with local entities such as the Down Vigo Foundation, Cruz Vermella, Erguete Foundation or the Galician Federation of Deaf People, all with the aim of facilitating access to the labour market for different groups in vulnerable situations.



Aqualia acquires Saur's concessions in Colombia and consolidates its presence in the country

Following this operation, subject to the approval of the Colombian authorities, the company has doubled the population served in Colombia to 900,000 inhabitants in six of the country's departments, making it the second largest private operator in the country.

Aqualia has acquired 100% of the assets of the company Saur Colombia SAS, which brings together the French group's concessions in the Latin American country. The operation includes six concession companies responsible for the production and distribution of drinking water and sewerage in eleven municipalities in three departments on the northern coast of Colombia, in concessions with an average duration of fifteen years.

With this operation, Aqualia expands its portfolio of concessions for the management and operation of the complete water cycle in Colombia.

The company began its concession activity in the country in 2020, when it acquired the companies that provided services in twelve municipalities in the departments of Córdoba. Subsequently, the company won the tender to provide service in the municipality of Villa del Rosario, department of Norte de Santander.

A portfolio of 440 million euros

The six concession companies that Aqualia acquires in the operation are: Aguas de la Península (Maicao), Aguas de Albania, Aguas de Aracataca, Aquamag Fundación, Aquamag El Retén and Aguas del Sur del Atlántico. The operation, pending approval by the competition authorities, represents a portfolio estimated at 440 million euros.

The concessions acquired have a team of 290 specialists to serve 425,000 people in cities such as Maicao, which with 155,000 inhabitants is the second largest city in the department of La Guajira, or Fundación, a town of 93,000 inhabitants located in the department of Magdalena. The northern coastal area of Colombia is one of the most dynamic in the country.

> "Aqualia will provide services in eleven new municipalities in three departments on the northern coast of Colombia, under concessions with an average duration of fifteen years"

Aqualia has thus doubled the population served in Colombia to 900,000 inhabitants in six departments, making it the second largest private operator in the country, in line with its strategy of expansion and consolidation.

> "The acquisition of 100% of Saur Colombia SAS includes six concession companies that manage the production and distribution of drinking water and sewerage"



Panoramic view of the El Salitre Wastewater Treatment Plant, in Bogotá (Colombia).

Final stretch for El Salitre

In Colombia, Aqualia is also in the final phase of the project for the design, construction and operation of the El Salitre WWTP (Wastewater Treatment Plant), located in Bogotá. The plant, already in operation, treats a flow of more than 600,000 cubic metres of water per day (m3/day), which is equivalent to around 7,000 litres per second. The plant serves three million people in the Colombian capital and includes one of the largest facilities in Latin America for the production of electricity from biogas.

Aqualia is currently present in four Latin American countries: Colombia, Chile, Mexico and Peru, as well as in fourteen other countries on three continents.

FCC Construcción wins one of the tunnel construction contracts for the **Saudi NEOM project**



The project consists of the creation of a smart city in the Arabian desert, with an innovative and futuristic character.

The construction area of the FCC Group has won one of the tunnel construction contracts within the Saudi NEOM giga-project. The contract constitutes one of the most important projects for the development of transport infrastructure.

FCC Construcción leads the consortium formed by China State Construction Engineering Corporation and Shibh Al-Jazira Contracting Company (FCC/CS-CEC/SAJCO JV).

The tunnels will enable safe, fast and easy mobility for people and goods.

The rock excavated as part of the tunnel construction project will be processed for later reuse within the concrete lining that will be used in the tunnels as well as in other projects, guaranteeing a minimum impact on the landscape.

NEOM CEO Nadhmi Al-Nasr stated that this award marks another important milestone in the development of the NEOM project. “The sheer scope and scale of the tunneling work to be undertaken highlights the complexity and ambition of the project,” he said.

> “The contract is one of the most important projects for the development of transport infrastructures”

NEOM, the city of the future

NEOM, an acronym for New Future, is the name of the new city and economic-technological area, three times the size of Cyprus, that Saudi Arabia is developing in the Tabuk region, some 1,500 kilometres from Riyadh, the country’s capital. It will be located northwest of Riyadh, facing the Sinai Peninsula, east of Egypt and south of Israel and Jordan.

NEOM will be a special economic city of 26,500 square kilometres along 460 kilometres of Red Sea coastline. The main objectives are to attract foreign investment from multinational companies, diversify the Saudi economy and create a free market area.

The project consists of the creation of a smart city in the Arabian desert, with an innovative and futuristic character, which will transform the sand dunes and become a reference in the coming years. Among the novelties it presents is the use of renewable energies, solar and wind, in its residential area, The Line, 170 kilometres long; and in its industrial centre, Oxagon, designed as the largest floating structure in the world.

On the other hand, the creators of the project have also taken into account its sustainable impact and have thought of proposals in line with this premise, such as the use of aircraft as a means of transport, instead of cars. In addition, the most avant-garde technology will be at the forefront of the city’s security and logistics, through robots, which will even take care of people.



Saudi Arabian desert where NEOM will be located.

WATCH THE NEOM VIDEO

MORE INFORMATION

More than 700 kilometres of tunnels

The FCC Group’s construction division has built more than 700 kilometres of tunnels. It has built tunnels of different types: road, railway, metropolitan and water supply tunnels. Many of them have been a challenge for engineering due to the technical difficulties and the conditions of the terrain.

Experts in mine reclamation **choose the Vallcarca** quarry of the Cementos Portland Valderrivas Group as an

example of a balance between exploitation and biodiversity.



European students during the visit to the Vallcarca quarry.

A group of European mining experts took part this summer in the training course “New approaches in mine reclamation: linking geomorphology with soil and vegetation management”, organised by the COST Pan-European Action for Climate Adaptative Forest Restoration. The theoretical training was complemented by practical training consisting of visits to mining sites in Madrid, Guadalajara, Barcelona, Cuenca and Valencia.

During the course they focused on the study of the latest advances in restoration techniques to make use of different types of organic waste, with which they form the so-called “technosoils”, used today to restore exploited mines. With this technique, reliefs similar to the original ones are recreated, which are finally covered with topsoil and sown and replanted with native species of flora.

The use of technosoils in mining has become an opportunity for the circular economy, thanks to this technique these materials that would otherwise not be used are put to good use.

The students, together with experts from CREAF (Centre for Ecological Research and Forestry Applications), also visited the Vallcarca quarry, chosen as an example of

good practice for having managed to perfectly combine mining activity with care for the environment.

The quarry covers an area of 202.29 hectares and is located in the Garraf Natural Park (Barcelona). As for its fauna, species as peculiar as the peregrine falcon, the black wheatear, seabirds, the horseshoe snake, the snub-nosed viper, rock fauna and especially the Bonelli's eagle (Aquila fasciata) have been detected in the area.

The Bonelli's eagle is, above all, the most important in the quarry. For 30 years, geologists, mining engineers and biologists from the quarry have ensured that it continues to nest on the slopes of the southern face.

They can be seen there every day, living in harmony with the industrial activity.









Bonelli's eagle that lives in the Vallcarca quarry.

Bonelli's eagles at the Vallcarca quarry in Sitges (Barcelona)

Biologists, geologists and mining engineers from the Cementos Portland Valderrivas Group put all their efforts into the Vallcarca quarry, located in Sitges (Barcelona), not only to extract the raw material used in the manufacture of cement, but also because they know that they can do so in total balance with the biodiversity of the environment. Proof of this is the pair of Bonelli's eagles that live there and reproduce successfully every year, increasing the number of this species in the Garraf Natural Park.

VER VÍDEO

FCC Group awarded for best practice in cultural **transformation in diversity and inclusion for its You *diversity* project**



Ramona Fernández Kelly, corporate HR manager of the FCC Group, collected the award from Emilio Zurutuza, trustee of the Adecco Foundation.

FCC has been awarded for the best practice in cultural transformation in diversity and inclusion by Fundación Adecco and Club de Excelencia en Sostenibilidad at the 5th Edition of the Diversity and Inclusion Awards organized each year by both entities to recognize business work in the management of corporate diversity, the design of equity and equality policies and initiatives to promote social and labour inclusion.

Under the honorary presidency of Their Majesties the King and Queen of Spain, the ceremony took place at Club Financiero Génova in Madrid and was opened by Isabel Castro, Secretary of State for Migration at the Spanish Ministry of Inclusion, Social Security and Migration.

Ramona Fernández Kelly, corporate head of HR of the FCC Group, accepted the award from Emilio Zurutuza, patron of Fundación Adecco, and thanked this entity and Club de Excelencia en Sostenibilidad for the excellent organization of these awards, as well as the members of the jury for considering the You_diversity project as the best practice in cultural transformation in diversity and inclusion. Throughout her speech she also highlighted that “there are many teams that dedicate their efforts to keep You_diversity alive, and, therefore, many people for whom this award is not only a gift, but also a boost and a great responsibility to continue working for a better FCC and a better society every day”.

With this recognition, Fundación Adecco and Club de Excelencia en Sostenibilidad wanted to give value to the You_diversity project, created by the company to give visibility, raise awareness and reduce unconscious prejudices and biases, social exclusion, and empower diversity on the road to effective equality, promoting human rights and joining efforts in the fight against any form of discrimination, inequality, violence or harassment.

Commitment to equality and diversity



You_diversity was created with the aim of bringing together the company's values and commitments to equality and diversity, which encourages the participation of all the people who form part of the FCC Group through collaboration and synergy.

The management of diversity and equality is for FCC a business, social, ethical and legal imperative, which adapts to the needs of the market itself, of the society of which we form part and of the culture in which we live immersed. At FCC we are committed to achieving the Sustainable Development Goals (SDGs) contained in the United Nations 2030 Agenda, and this space is a clear commitment to contribute directly to SDG 5 'Gender Equality'; SDG 8 'Decent work and economic development'; and SDG 10 'Reducing inequalities'.

The platform, hosted on the company's intranet, is also available to all employees on the FCC360 App, and is designed to encourage and promote the transformation of the corporate culture in terms of Equality, Diversity and Inclusion through content and important training actions.

This space is where training and dissemination actions are organised, as well as campaigns and events related to equality and diversity, both in the company and the different FCC businesses, as well as in collaborating entities and institutions.

New structure of the Information Systems and Technology department

to improve productivity and security

VIDEO

Alfredo García López

Systems and Information Technology Manager

"Through six work areas, FCC's Information Systems and Technology Department is reorganised to improve the productivity and safety of the Group's employees, the efficiency of our services and the relationship with customers and suppliers."





Edwin Blom

Director of Information Security

"The Information Security area aims to guarantee security in cyberspace, respecting privacy and legislation wherever the Group operates."

Manuel Henríquez Hernández

Director of Technology & IT Governance

"The IT Governance function has a transversal character, seeking to ensure the efficiency of our services, promote transparency and facilitate decision making through people, processes and architectures."





Rocío Rodríguez Almagro

Director of Corporate Applications

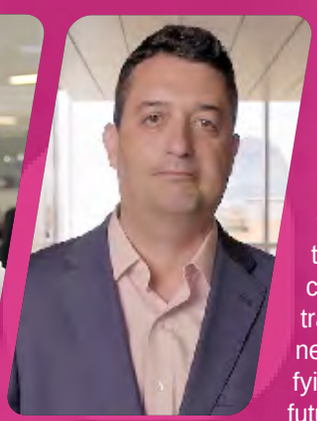
"The Corporate Applications area guarantees the evolution and innovation in the General Administration and Human Resources systems that support the economic-financial and people management processes".

Pilar de Vicente Rodríguez

Head of Data & Analytics

"Advanced data analytics has become an essential activity for any business. Our three fundamental pillars will be technology, data governance, and people who seek excellence in decision-making."



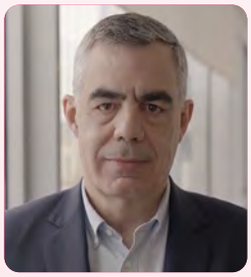


Manuel Miranda Acuña

Head of Innovation & Business Relationship

"The Digital Innovation Lab is a think tank focused on improving the efficiency of FCC's processes through digital transformation, bringing value to businesses and improving agility in identifying and understanding existing and future challenges in the digital world."

IT Managers of each business area



Ignacio Arespacochaga Maroto

IT Manager.
FCC Medio Ambiente

"At FCC Medio Ambiente, technology forms part of the value proposition of our citizen services".



Mª Ángeles Vicente Fernández

IT manager.
Aqualia

"Aqualia's IT department is a business service department and a driving force for digitalisation".



Alberto Lapeña Tarancón

IT Manager.
FCC Construcción

"The IT service of the Construction area manages the specific needs of the departments in the area with a special focus on BIM technology, knowledge management and digital transformation."

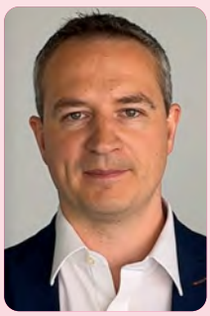


Víctor Llanso Felgueroso

IT Manager.
Cementos Portland Valderrivas Group

"The Cement area's IT team evolves and maintains the vertical systems of our business."

The international IT Environment team



Mark Timms

Head of IT.
FCC Environment UK

"The ubiquity of services is a great opportunity because users are becoming more knowledgeable about these systems. Today's IT is about finding a balance: we must leverage the valuable information from our user base while using IT expertise and enormous technical knowledge to deliver secure and coherent strategies.



Wolfgang Bitomsky

Chief Information Officer.
FCC Environment CEE

"Our growing digital portfolio is based on a new infrastructure concept that allows us to offer adaptable and secure IT services to all our users in all the countries in which we operate. With the key uses of the IT departments, the team is developing new solutions that allow us to live by the motto "Together we build FCC's digital future".



David Ramírez

Head of IT.
FCC Environmental Services

"The company has grown exponentially in recent years in the United States. Today, we serve customers in an area 4,000 kilometres east to west and over 1,400 kilometres north to south. Because of this rapid expansion, the IT department has had to adapt its methods to provide users with the tools and resources they need to not only succeed at FCC, but also to ensure they can integrate into FCC Global.

Ciudad Alcalá Club de Fútbol, sponsored by Cementos Portland Valderrivas, is brilliantly promoted to the **Women's National First Division**

The Ciudad Alcalá Club de Fútbol women's team has achieved a brilliant promotion to the First National Division after winning the Andalusian Championships in the final phase held between the best teams in the community.

A solitary goal by Saray Vela in the 89th minute of the match broke the tie against CF Málaga City, in a vibrant final in which Fran Reyes' players showed that talent and continuous work throughout the season are the best key to achieving objectives. Thus, next season, Ciudad de Alcalá will be part of Group 4 of the Primera División Nacional, the third category of women's football in Spain, with teams such as Sevilla FC B, UD Almería or Cádiz CF, among others.

As David Vega, director of the Alcalá de Guadaíra factory of Cementos Portland Valderrivas, acknowledges, "this promotion is a collective dream of all those who form part of a very young club, only seven seasons old, and which is doing an excellent job not only with its first team, but also with the lower categories". Cementos Portland Valderribas is a sponsor of the Alcalá team from 2019, "because we share key values with this club, such as companionship, effort and working together to achieve objectives which, in their case, has led them to be promoted to the next category".

Cementos Portland Valderrivas

The Alcalá de Guadaíra factory belongs to the Cementos Portland Valderrivas Group, a multinational leader in cement production, which uses the best available techniques in its production processes to achieve a high level of environmental protection.

As part of its sustainability strategy, the Group sponsors various sports clubs in Spain, promoting sport and its values to the maximum.











FCC Medio Ambiente's Madrid branch managers with a team from the Manos de Ayuda Social Association.

FCC Medio Ambiente collaborates with the **Manos de Ayuda Social Association**

FCC Medio Ambiente, through its Madrid branch, has sponsored the work to enlarge the soup kitchen of the Manos de Ayuda Social Association in the Vallecas district, covering the cost of the new warehouse.

The space is intended for the stocking of basic necessities that the association distributes to people and families affected by the ERTES, unemployment, business closures and unemployment caused by the COVID-19 health crisis.

The programme developed by Manos de Ayuda Social comprises three interrelated projects with the aim of covering other social needs as well. In this way, all the people who receive food aid are also cared for and professionally managed during their stay at the centre with the aim of resolving their socio-economic situation so that they can do without the resource as soon as possible.

This collaboration is part of the Community Commitment Programme that forms part of the Healthy Organisation Management System (SIGOS) implemented at the Madrid branch, and it is hoped that it will be the start of many other collaborations with Manos de Ayuda Social to try to facilitate the enormous work it does.

In turn, these actions are part of FCC Environment's Sustainability Strategy 2050, a development plan with a 30-year horizon that integrates very demanding objectives and commitments with high added value for the company and society as a whole, and which are grouped into four lines of action: environmental, social, excellence and good governance. More specifically, within the social axis, one of the company's objectives is the promotion of equal opportunities through the inclusion of groups at risk of social exclusion.

Solidarity Campaign



After the completion of the works, the Madrid office launched a solidarity campaign to collect basic necessities which, thanks to the funds collected from all the workers, has ensured that the warehouse was inaugurated full of food, personal hygiene and cleaning products, as well as food and baby care products.

Aqualia holds the first **International Conference on People and Culture**



Family photo of the People and Culture team.

> “Sharing experiences and good practices in the search for continuous improvement”



People and Culture teams, during the visit to Aqualia’s offices in Avila.

Aqualia held the first edition of its International Conference on People and Culture in Madrid, an event that aims to promote cohesion between the teams that work in the area of people in the different countries where the company is present.

The event brought together those responsible for this area in the Americas (Colombia, Mexico); Europe (Portugal, France, Czech Republic, Italy and Georgia); and MENA (Egypt, United Arab Emirates and Algeria). As part of the programmed activities, the group visited the Ávila service, where they were received by members of the municipal corporation.



Carmen Rodríguez, Aqualia's Director of People and Culture.

For Carmen Rodríguez, Aqualia's Director of People and Culture, the aim of the first conference was to encourage contact between the teams, to directly communicate the company's philosophy and to share experiences and good practices in the search for continuous improvement.

Carmen Rodríguez stressed that "The fact that we all work along the same lines, that we all have the same point of view, participative leadership, inclusive leadership, diverse leadership, facilitates sustainable profitability, a more sustainable world and a much better Aqualia".



Emily Martinez, from the People and Culture AqualiaMACE area in the United Arab Emirates, explained that she is in charge of 15 different nationalities, which for her is a great challenge, but at the same time very exciting, because she is dealing with different cultures and attitudes.

Emily Martinez from People and Culture AqualiaMace (UAE).





Lela Kvaratskhelia from Capital Planning, Recruitment and Hiring and Rusudan Sanikidze from People and Culture at GGU (Georgia).

Lela Kvaratskhelia, who is part of the Capital Planning, Recruitment and Hiring area of GCU (Georgia) said about the meeting:

"It is a great opportunity to get to know my colleagues better, share our experiences, and I believe that we will all become friends and strengthen ties with Spain and the whole Aqualia team".

His colleague Rusudan Sanikidze, from People and Culture, added that it is "a great opportunity to share our approaches, our methodologies, our main objectives".



Sandra Calle from People and Culture in Colombia.

Sandra Calle, from Personas y Cultura in Colombia commented “we joined two years ago and we didn’t meet many of them face to face, we couldn’t get to know them and it has been fundamental. This has been very enriching on a personal level, on a professional level we are seeing each other more as a team, we are reinforcing the doubts we had and I know that it will be very useful for our team in Colombia. e Personas y Cultura in Colombia.

Jesús Ventura, from the People and Culture MENA Europe team in Spain, took stock of what this meeting means after the pandemic: “Having the opportunity to have all our people here who are thousands of kilometres away working in People and Culture, not only from the point of view of training, which is very good, but also from the point of view of team building, of being able to take them out to dinner together, of being able to share experiences, is something that gives us absolute added value”.



Jesús Ventura, from the People and Culture MENA Europe team in Spain.



Iván Bautista, from the People and Culture team in Villa del Rosario and Ruitoque (Colombia).

Iván Bautista, who is part of the People and Culture team in Villa del Rosario and Ruitoque (Colombia), said “I have made more progress in two years than I have made in 37 years of my life, it is a very important experience and at this moment I can tell you that Aqualia is like a DNA in my life”.

VER VÍDEO



In the centre, Félix Parra, CEO of Aqualia, together with part of Aqualia’s People and Culture team during the event.


vive
saludable



Together we can make a better world **With Love for the Future!**

We would like to present a project that we are particularly proud of:
FCC Environment Romania has been supporting the work of the most prolific NGO in Arad and in the Western Region of Romania, “Cetatea Voluntarilor” (Arad Volunteer Fortress), in order to improve life for the citizens there.

The positive results of our collaboration with the team of volunteers from the ‘Arad Volunteer Fortress’ can be seen all over the region. This cooperation has been especially important at Arad County Clinical Hospital, where we have helped to improve conditions for the young and youngest patients, realising 7 amazing projects together until now.

The close ties that have developed between us at FCC Environment Romania and this particular NGO can perhaps be seen as more than coincidental, particularly when considering the symmetry of our respective mottos - “Service for The Future”, and the NGO’s - “With love for the future” (Cu drag pentru viitor).

In October 2021, thanks to our support - the renovated “Pediatrics Rehabilitation Department 2” at the hospital was inaugurated. And, the latest project which we have initiated with the NGO, the “Children’s Radiology Department”, is about to be completed too.

One for all, all for the hospital in Arad









FCC Group management representatives from Austria, the Czech Republic and Slovakia took the chance to visit the hospital and it's newly renovated department during their working visit to Arad, in July of this year.

"We were very touched and impressed by the new conditions on the children's ward. Therefore, we greatly appreciate the support of our colleagues at FCC Environment Romania in their renovation projects of the different departments of Arad hospital. We hope this cooperation continues in the future and we would like to give our support to this worthy venture. It is heartening to see how much the renovations have improved the life quality of the young patients at the hospital, as well as the working conditions for the dedicated medical staff there too", pointed out Lucia Kliková, the Head of Human Resources of the FCC Environment CEE Group.

Lucie Zumrová, the Head of Group Communication and CSR at FCC Environment CEE Group adds, "We are proud to be a part of these changes at Arad hospital. They say that a picture is worth a thousand words, but seeing the reality of the work here really grabs you by the heart."

In these pictures, you can clearly see how conditions at Arad hospital are continuing to improve, thanks to the efforts of volunteers and cooperating partners. The hospital's renovation has not gone unnoticed by the officials of Arad City Council, with whom FCC representatives jointly inspected the progress of the reconstruction of the Pediatrics1 Department at the hospital. "Together, we will do our best to continue with more renovation works in the future", noted the President of the Arad County Council, Mr. Iustin Cionca.









Before and after the renovation of the Paediatric Rehabilitation Department of the Arad County Clinical Hospital (Romania).

INTERVIEW

Emilia María López Pardo

Head of Quality Control A9 motorway project (Netherlands)



The enlargement of the A9 motorway between Badhoevedorp and Holendrecht (Netherlands) is one of the projects FCC Construcción is currently working on. On this occasion, we spoke to Emilia María López Pardo, who is part of the project's Quality Assurance and Environmental Management team.



What do you do at Veenix?

Since last June my position is head of Quality Assurance for the project, which is not linked to the environment. Together with my colleagues, I make sure that the work developed is done in an excellent way. My day-to-day work consists of coordinating the quality control and the activities on site and organising the necessary inspections. We are the link between what needs to be done and what actually gets done.

What makes your job fun?

The opportunity to get to know different countries. For some people this is a problem, but not for me. I like living in different places and meeting people.

What projects have you worked on?

A 115-kilometre motorway, a cable-stayed bridge and a hydroelectric power station. In Romania I was assistant site manager. When I had children, I temporarily stopped working in construction. In the meantime, my husband was still working at FCC, so I continued to travel the world. Then I set up my own company until last year when I decided to go back to work as an employee.

Is it different working in the Netherlands than in other countries?

Yes, it is very different. I like the working environment in the Netherlands, a relaxed and friendly atmosphere. The balance between work and leisure is a cultural thing and it's very much ingrained to reconcile work and personal life.

What do you do when you are not at work?

When I'm not working, I prefer to travel with my husband and my two children. We like quiet holidays, where we really take the time to get to know the place.

Is it different working as a woman in such a male-dominated environment?

Of course, it's not the same. I don't mean it's annoying, but it's a man's world. When I go to the construction site to see if everything is going according to plan, I am often the only woman. But for me that's not a problem at all.

The A9 Badhoevedorp–Holendrecht A9 project

FCC Construcción continues, through its participation in the Veenix consortium, formed by the Netherland's pension fund PGGM, and together with the German industrial conglomerate Siemens and the consultancy firm Count & Cooper, to lead the remodelling work on a section of the A9 Badhoevedorp-Holendrecht motorway in the vicinity of Amsterdam, the capital of the Netherlands. The contract, which was signed at the end of 2019, involves the design, construction and maintenance of 11.5 kilometres of the total length of the motorway. It is also the company's first project in the European country.

The area through which the project runs is geographically located between the area covered by Schiphol Airport, one of the busiest airports in Europe, [HAR1] and the intersection with the A2 dual carriageway, which provides access to Amsterdam from Utrecht, the gateway to the Dutch capital. FCC Construcción is responsible for the widening and partial undergrounding of the motorway between the Badhoevedorp and Holendrecht junctions, increasing the number of lanes from three to four in each direction.



Team from the Canary Islands delegation participating in the 6th edition of the Companies' Race.

FCC Medio Ambiente is victorious in the **6th Edition of the Companies' Race**

The Canary Islands branch of FCC Medio Ambiente took part in the 6th edition of the Companies' Race, in which 40 of the company's employees registered.

The race established two different routes, one of 10 kilometres and the other of 5 kilometres, both distances divided into different categories. It was possible to participate individually or in groups of 2, 3 or 4 people. In addition, a distinction was made between male, female and mixed categories.

Category 10 kilometres

Jorge Álvarez Álamo, was the winner in the individual category of 10 kilometres, and together with Samuel Vega González and Juan Francisco Hernández del Río, were also winners in the male Trio category, the three winners belong to the San Bartolomé joint venture.

Category 5 kilometres

In this category, Cristian Montilla Pérez came 15th in the individual race. In addition, he came second together with his brother Jesús in the male pairs category; both are employees of Selectiva Las Palmas joint venture.

The Canary Islands Delegation would like to thank all the runners for their participation, and encourage the rest of the staff to increase participation in the next edition.

With this action we show FCC's commitment to healthy living and sport.













Pedro Ignacio Rubbera, **winner of the XI FIMBA Maxibasketball European Championship** with the Italian national team

Pedro Ignacio Rubbera from the Benidorm Environment Delegation (Alicante), together with his team Italia Basket Over 40, has won the Maxibasket FIMBA European Championship held in Malaga.

The European Maxibasketball Championship is an official championship organised by the Seguimos Jugando Foundation with the rules and support of the International Maxibasketball Federation (FIMBA). This tournament is made up of players over 35 years of age and players over 30 years of age. The tournament is structured in categories divided into five-year age groups.

This year, more than 180 teams competed, which is an absolute record number of participants.

Cementos Portland Valderrivas Group signs with CCOO, UGT and USO its **2nd Equality Plan**

The Cementos Portland Valderrivas Group and the trade unions CCOO, UGT and USO, signed on 6 July, its 2nd Equality Plan, a document that marks the way to achieve equal treatment and opportunities for all workers within the Group, and avoids any possible discrimination.

The HR management has pointed out: "it is an important update, firstly because of the adaptation to the new labour reality of the companies, and also because it is based on the Royal Decree 6/2019 and 901/2020, which includes all the matters and practices in equality matters that the current regulations require". "We promote ethical principles and values, implementing a series of programmes, internal procedures and positive measures that seek to create a working atmosphere where respect amongst people and equal opportunities for women and men is effective and real in the company", "an egalitarian working environment not only contributes to the well-being of people, but also makes aspects such as creativity and productivity more evident within the organisation".

For equality to be real and effective, it is essential to have a balanced presence of women and men at all levels, areas and occupations. Along these lines, the Plan establishes actions to promote the presence of women at all levels, favouring an increase in the participation of female workers in training programmes for the development of female talent and in mentoring programmes to increase their presence in leadership positions, and in all those where they are under-represented.

In the words of the Equality Coordinator, "the 2nd Equality Plan expresses zero tolerance for sexual and gender-based harassment, which is an unacceptable expression of violence and a violation of people's fundamental rights".

We have implemented different mechanisms to pursue these conducts in an agile, rapid and confidential manner, sanctioning with the established measures those who establish this type of conduct.

General objectives

The general objectives of the Cementos Portland Valderrivas Group's 2nd Plan for Equality between Men and Women are as follows:

1. Ensure equal treatment and opportunities among workers as a strategy for internal organisational change.
2. Consolidate an organisational culture committed to the management of equality in order to advance in the mainstreaming of corporate policies, launched with the first Plan in 2009.
3. Promote a balanced presence of women and men in all areas and operational and management positions.
4. Incorporate the gender perspective in all areas and policies of the company to disseminate the values of equality.



FCC Medio Ambiente collaborates with **Bosques Sostenibles** in the reforestation of Mount Orzaduero (Ávila)

With its sights set on achieving climate neutrality by the year 2050, FCC Medio Ambiente has begun to offset its greenhouse gas (GHG) emissions by signing an agreement with the company Bosques Sostenibles S.L. for the acquisition of absorption rights.

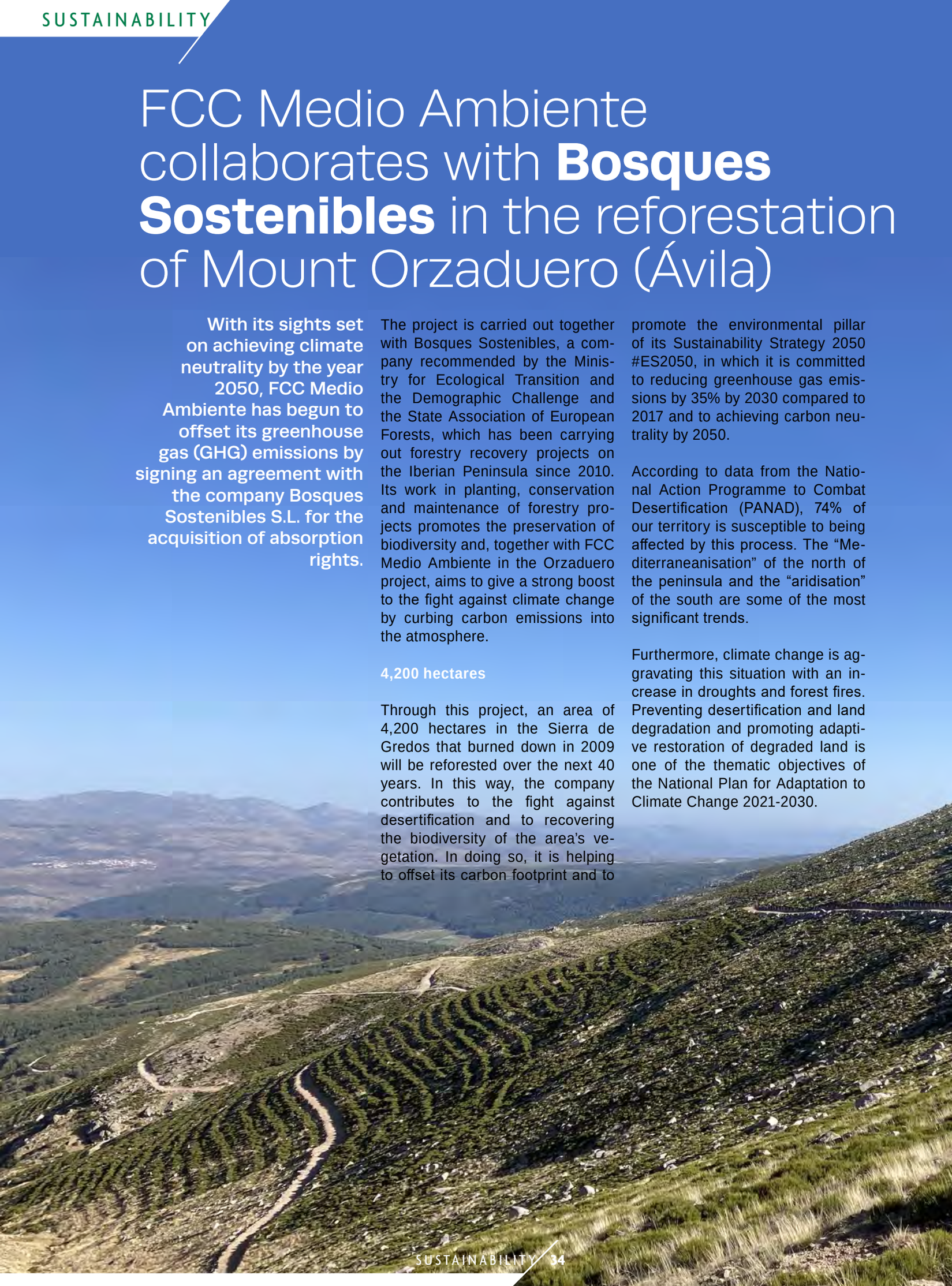
The project is carried out together with Bosques Sostenibles, a company recommended by the Ministry for Ecological Transition and the Demographic Challenge and the State Association of European Forests, which has been carrying out forestry recovery projects on the Iberian Peninsula since 2010. Its work in planting, conservation and maintenance of forestry projects promotes the preservation of biodiversity and, together with FCC Medio Ambiente in the Orzaduero project, aims to give a strong boost to the fight against climate change by curbing carbon emissions into the atmosphere.

4,200 hectares

Through this project, an area of 4,200 hectares in the Sierra de Gredos that burned down in 2009 will be reforested over the next 40 years. In this way, the company contributes to the fight against desertification and to recovering the biodiversity of the area's vegetation. In doing so, it is helping to offset its carbon footprint and to promote the environmental pillar of its Sustainability Strategy 2050 #ES2050, in which it is committed to reducing greenhouse gas emissions by 35% by 2030 compared to 2017 and to achieving carbon neutrality by 2050.

According to data from the National Action Programme to Combat Desertification (PANAD), 74% of our territory is susceptible to being affected by this process. The "Mediterraneanisation" of the north of the peninsula and the "aridisation" of the south are some of the most significant trends.

Furthermore, climate change is aggravating this situation with an increase in droughts and forest fires. Preventing desertification and land degradation and promoting adaptive restoration of degraded land is one of the thematic objectives of the National Plan for Adaptation to Climate Change 2021-2030.



> “A positive impact on biodiversity and recovery of degraded areas”

Patricia Serrano, senior specialist in the Sustainability Department, and Francisco José Huete, director of Management Systems and Sustainability, both from FCC Medio Ambiente, during the visit to Orzaduero.





One more step towards **sustainability**



Since 2013, FCC Medio Ambiente has been registering its carbon footprint calculation with the Spanish Climate Change Office (O.E.C.C.C.), having achieved the triple “Calculate-Reduce-Compense” seal in 2021.

With its sights set on achieving climate neutrality by the year 2050, FCC Medio Ambiente has begun to offset its Greenhouse Gas (G.E.G.) emissions by signing an agreement with the company Bosques Sostenibles S.L. for the acquisition of “absorption rights” belonging to the project entitled “Reforestation on public utility forest No. 134 Orzaduero (San Martín del Pimpollar), which is registered in the O.E.C.C. register.





FCC Construcción receives BIM **certification from AENOR**

AENOR has awarded FCC Construcción the BIM management system certificate in accordance with the UNE-EN ISO 19650-1 and UNE-EN ISO 19650-2 standards. The scope of this certificate covers the management of information when using BIM for the function of main contractor in the area of building, civil works and the BIM specialities of Coordinator, Modeller and Consultant.

In other words, FCC Construcción has implemented a comprehensive information management system that complies with the standards for the design and construction phases of projects carried out using BIM.

BIM is a working methodology for the creation and management of a project that, in a collaborative manner, centralises all the information generated by all the agents involved in the life cycle of an asset.

To grant the certification to FCC Construcción, the AENOR audit team assessed that the organisation has implemented and integrated into its global management system all the requirements established by the UNE-EN ISO 19650 family of standards in the areas of building and civil works as the main contractor.

Commitment to innovation and technology

Obtaining this certification once again demonstrates the company's clear commitment to innovation and the implementation of pioneering technological solutions, which make it possible to improve processes and activities, making them even more efficient and effective, if possible, in achieving corporate objectives.

The company is currently developing the BIM-Digital Construction 2022-2025 Implementation Plan, which provides continuity to technical-economic control tools throughout the life cycle of projects.

Construcción

Greenhouse Gas Emissions Report

2021



Sustainability and solidarity towards local communities in **England**

Creating social value with second-hand items

The aim of reuse shops is to give a second life to items that arrive at recycling centres and are still useful, so that they can avoid waste and create social value, contributing to reducing carbon emissions. These establishments allocate their income to people with limited resources, in unfavourable situations.



FCC Environment and Benjamin Foundation team at the reopening of the Swanton Road reuse clean point.



The High Wycombe shop celebrated its tenth birthday after opening in 2012.



Jo Churchill, MP for Bury St Edmunds, visited the Bury St Edmunds reuse shop to check on the centre's progress and congratulate the team.

Swanton Road & Oak Street

The facilities of the Swanton Road reuse clean point, owned by FCC Environment, are located in the town of Norwich, in the county of Norfolk (England). Since its reopening on 8 June 2022, the number of visitors and customers has continued to grow. More than 100 fridges and freezers that still have a long shelf life have passed through the shop and have been donated to help those most in need, in collaboration with the Benjamin Foundation, although it has also received more than 2,000 kilos of textiles and other reusable items.

Another shop helping to raise funds for the county's children, young people and families is the Oak Street shop, which is run by the charity.

High Wycombe & Aston Clinton

FCC Environment's High Wycombe and Aston Clinton reuse shops, which recently celebrated their tenth anniversary, are located in Buckinghamshire, England. The items that residents can find inside, including antiques, gardening equipment and toys, come from one of nine recycling centres located throughout the county or from residents who choose to donate periodically. More than 3,570 tonnes of items have been sold since opening.

South Bucks Hospice receives income from the service provided by these outlets, which goes towards providing palliative care for county residents and their families.

Foxhall & Bury St Edmunds

In the county of Suffolk (England), FCC Environment has a total of 11 recycling centres, which at the same time house two reuse shops, in Foxhall and Bury St Edmunds. They are run by the Benjamin Foundation, which helps to provide overnight accommodation for over 180 vulnerable young people and improve the emotional wellbeing of at least 7,500 of them each year. The goods available in these shops have either been purposely donated by local residents or collected from city bins for later use: from furniture and electronics to bicycles and books, among others.

Local authorities recently visited the Bury St Edmunds shop to oversee the work being carried out by FCC Environment and the Foundation.

Pop–up shops



FCC Environment and South Bucks Hospice set up a number of temporary shops in different locations across Buckinghamshire to help patients and their families financially.

Throughout the summer, FCC Environment also set up a number of temporary pop-up shops around the UK so that people could be part of the movement and be curious about the benefits of reusing products, buy at a reduced price and enjoy small competitions that helped to liven up the day.

One of the shops was set up in the town of Marsworth, with items from the Aston Clinton Recycling Centre. This pop-up shop, which was busy with customers throughout the day, allowed visitors to take away authentic relics, collectables and other items of interest. At the end of the day, FCC Environment raised £3,131.10.

The town of Oxford, through the Dix Pit Recycling Centre, the town of Buckingham and the town of Darsham also hosted a number of temporary sales points for second-hand goods throughout the summer season. The pop-up shop at Dix Pit alone was able to collect items weighing over a tonne. The setting up of these temporary outlets has gone some way to saving energy and reducing greenhouse gas emissions.

aqualia



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2021 Sustainability Report

Cementos Portland Valderrivas, together with the CEMA Foundation, is launching **"Sustainable Schools"** to raise awareness among schoolchildren in the fight against climate change



The Cement and Environment Labour Foundation (Fundación Laboral del Cemento y el Medio Ambiente - CEMA Foundation) has launched a new school environmental education campaign called "Colegios + sostenibles", which will run throughout 2022 and with which it aims to awaken the interest of children in caring for the environment, as a measure to curb climate change.

To this end, it has designed, in collaboration with EMADE, a nationwide educational campaign that will provide environmental workshops in schools located in the vicinity of cement factories.

During the campaign, students in 4th, 5th and 6th grade of primary education will participate in a workshop on sustainability, Sustainable Development Goals (SDGs) and climate change, given at their school by a specialised environmental educator.

In the activity, students discover what climate change is and how it affects us, while motivating them to carry out everyday actions to mitigate its effects, through a dynamic and participatory approach. In addition, they learn about the risks derived from this phenomenon, the involvement of each of us in the environment and the environmental footprint we leave with our daily activities. It also explains how we can contribute individually to improve this situation, through everyday actions such as reducing, reusing and recycling our waste, saving on water and electricity consumption, using public transport, etc.

The campaign has already visited nine primary schools near the factories in Castillejo, Hontoria, Mataporquera, Villaluenga de la Sagra, Oural, Toral de los Vados and La Robla. Until the end of the current school year, the workshops will be held in another eight schools in the vicinity of the cement plants in Alicante, Morata de Jalón, Lloseta, Añorga, Arrigorriaga, Lemona, Olazagutía and during the months of September to December they will be held in the remaining factories.

MORE INFORMATION



The Spanish Heart Foundation recommends a varied and balanced diet and a healthy lifestyle to look after your heart. Through its website, it offers different healthy habits that we should adopt to protect our cardiovascular health.

How to take care of your **heart**

Food

The Spanish Heart Foundation's Food and Health Programme (PASFEC) is a self-financed health programme that seeks to improve the nutritional health of the population and to serve as a guide for consumers through its label on products. The PASFEC seal on products indicates that they meet specific criteria by food category or nutritional composition in terms of cardiovascular health. *

*People who have any special dietary condition or disease should consult a health professional.

Quit smoking

- The lungs and heart are responsible for repairing the damage caused by tobacco smoke. There are different methods, guidelines and aids to quit this unhealthy habit that will benefit your own health and routine and that of your environment.

In the workplace

- Avoid a sedentary lifestyle on the way to the office. Working in an office can mean sitting most of the time and it is advisable to walk at least 10,000 steps a day, so walking or cycling part or all of the way is a great option.
- Choose the stairs instead of the lift.
- Take breaks to get up from your seat. It is important to keep active and get up at least once an hour and take a walk, even a short one.
- In relation to food, the healthy and appropriate weekly menu is that which follows the Mediterranean diet: enjoy a varied diet, avoiding free sugars, trans fats or fatty acids, and saturated fats. In addition, stay hydrated throughout the working day, preferably with water.
- Try to avoid stress. It is important that our work allows us to disconnect at home and in our leisure time.
- Get enough rest: care should be taken to promote good sleep hygiene and enjoy quality rest. Before going to bed, it is advisable to avoid cocoa and caffeine, and to have a light dinner.

Increase physical activity

- People who do not exercise are more at risk of suffering a heart attack. Regular physical activity has many physical and mental benefits and should become a lifelong habit.
- Aerobic exercise every day or most days for 30-60 minutes helps the heart work more efficiently. *

*It is important to talk to your doctor before starting or modifying an exercise programme.

Stress and anxiety

- The emotional link to major coronary events has long been established, although there is no scientific evidence to measure the degree of emotional stress. Depending on the intensity and frequency, it can be a major cardiovascular risk factor. It is important to learn how to manage it and let off steam.

Healthy Living **Decalogue**

The Spanish Heart Foundation offers a Healthy Life Decalogue to reduce the risk of suffering from cardiovascular diseases or to improve your quality of life if you have suffered from one.

1. **Eat a heart-healthy diet: a balanced and varied diet.**
2. **Spend 30 minutes a day exercising your body.**
3. **Do not smoke.**
4. **Control your weight. Measure your Body Mass Index (BMI).**
5. **Keep an eye on fat accumulated in the abdomen, it is dangerous for the heart.**
6. **Check your blood pressure.**
7. **Check your cholesterol and glucose levels.**
8. **Know your cardiovascular risk and what your lifestyle should be, see your doctor.**
9. **Share your doubts and problems.**
10. **Learn how to manage your stress and anxiety.**

See Shopping guide for healthy eating from the Spanish Heart Foundation.

Fundación Española del Corazón. (s.f.). Obtained from https://fundaciondelcorazon.com/

The FCC Group is grateful for the support given to the Melior Foundation's **campaign to collect textbooks and school supplies**



From left to right Javier López Galiacho, FCC Group Compliance and Sustainability Manager, next to Marina Pérez, director of the Melior Foundation, and Luis Casals, chairman of the Melior Foundation, during the handover of the material provided by FCC staff.

The solidarity of the people of FCC is added to this project, with a large contribution of textbooks and reading books; backpacks; numerous materials such as pens, pencils, erasers, pencil sharpeners, rulers, scissors, etc. and other resources that will go to the children cared for by the Melior Foundation, so that they can go to school with the necessary books and school supplies.

About Melior Foundation

Melior Foundation aims to promote inclusive, equitable and quality education among children and young people from vulnerable families. Education, in a broad sense, is for them the best tool to promote and accelerate social change towards a better world (from the Latin melior). Their work, therefore, falls within the framework of SDG 4: Quality Education.

One of the best known and most impactful projects of the Melior Foundation is "Not without my textbooks", a programme of free books and school materials for students from families with financial difficulties. As a related project, they have set up the first permanent school material bank in the Community of Madrid, which allows vulnerable families to have access to school material at any time of the year, and not only at the beginning of the school year.



INTERVIEW

Marina Pérez Martínez

Director of Melior Foundation

What is the reality of the people that the Foundation attends to?

The families that we attend in Melior Foundation are families at risk of social exclusion that are referred through the Social Services of all the districts of Madrid (Vallecas, Villaverde, Usera, Carabanchel, etc.). Last year we attended 365 families, a total of 1,080 students from the first year of kindergarten to the second year of baccalaureate.

How important is the collaboration of citizens and companies, and what impact do campaigns like the one launched at FCC have?

Thanks to donations from individuals and companies, we were able to obtain many of the textbooks that will be lent to these students. Donations also provide us with numerous reading books that we sell in our solidarity bookshops, and with the money raised we can have the economic resources to buy new textbooks.

For example, thanks to the collection of textbooks and materials at FCC we will be able to help around 30 families by lending them textbooks and school materials such as backpacks and other school supplies that they need during the school year.

What are the Foundation's next challenges or projects?

To provide families who request it with extracurricular resources aimed at improving their children's learning processes, inclusion and school success.

The project is aimed at families and children in situations of difficulty and social risk, in accordance with the Social Services referral report that is a requirement for access to the programme. The aim of the programme is to compensate for educational inequalities through tools such as school support, socio-emotional education and the promotion of the arts among the beneficiaries of the programme.

We have set ourselves the objective for the first year of activity of Escuela Melior to attend to 350 children through the different programmes of the project.



Melior Books Project

The foundation's main source of income is Melior Books, a circular economy project to sell used books donated by individuals, libraries and companies. "We give these unused books a new life of solidarity by selling them in our physical bookshops (Avda. Islas Filipinas 4, Madrid) and online."

LIBROSMELIOR.ORG

"In addition, we receive funds from private donors, non-profit organisations (such as the La Caixa Banking Foundation) and, sporadically, public aid".





In the photo, some of the participants who did not want to miss this sporting event.

FCC employees take part in the 13th **Popular Heart Race**

XII CARRERA POPULAR
DEL CORAZÓN
II VIRTUAL

For yet another year FCC has joined in the Popular Heart Race organised by the Spanish Heart Foundation and the Spanish Society of Cardiology, whose purpose is to raise public awareness of the importance of practising sport to prevent cardiovascular disease.

FCC purchased 140 race bibs so that FCC employees could take part in this popular race that transmits values of solidarity, companionship and sport to organisations. Once again this year, the participation of FCC employees was a success, and they did not miss this important sporting event.

The aim of this race is to promote the practice of physical activity among the population, from the youngest to the oldest, and to enjoy a festive family day where sport is the protagonist, instilling the importance of acquiring healthy habits to improve people's physical condition.

FCC is firmly committed to projects that promote and encourage concern for people's health, focusing on physical activity, healthy eating habits and health care.

Aqualia presents the **Awards for Preventive Effort and Good Practices** in **Health and Safety**



Winners of the different competitions with their respective prizes.

The winners of the 2019 and 2020 awards for the Recognition of Preventive Effort were the Czech subsidiary SmVak and the services of Ibiza (Balearic Islands) and Tomelloso (Ciudad Real). The 2021 winners were Narón (A Coruña), Torrox (Málaga) and the EDAM of Guaymas (Mexico). Félix Parra, CEO of the company, was in charge of presenting the awards.

The Good Health and Safety Practices initiative was launched for the first time. The award went to the contracts for the Lleida WWTP, Madrid Sewerage Batch D and the Lagares WWTP (Vigo).

In addition, the collaboration between the Oviedo Service and the sports centres in Asturias won the prize for the Best Initiative to Promote Health and Wellbeing.



FCC Construcción **wins the contract for the A303** dual carriageway through **Stonehenge** (England)



200m.

> The project will not only relieve congestion on this vital route of the A303, but will also conserve and enhance the universal and outstanding value of the UNESCO World Heritage Site.

FCC Construcción continues its growth in the UK infrastructure market, winning one of the most important contracts in the UK: the enlargement of the A303 Stonehenge Bypass Tunnel dual carriageway, with a contract value of more than 1.5 billion euros.

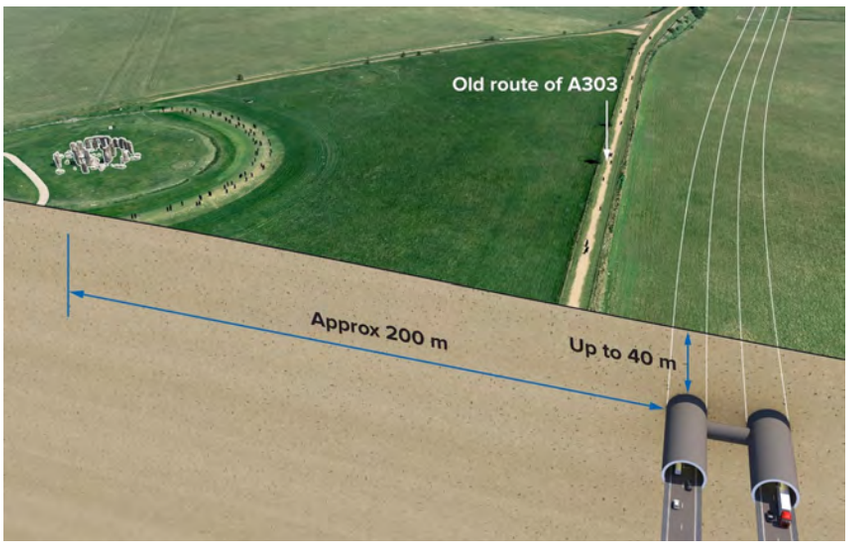
FCC Construcción and its consortium partners have been awarded the A303 road widening contract, which includes the construction of a bypass near Stonehenge between Amesbury and Berwick Down in southern England. The project includes the construction and widening of 13 kilometres of dual carriageway, as well as the construction of 3.3 kilometres of tunnel that will improve traffic flow near the UNESCO World Heritage Site of Stonehenge. This infrastructure will improve traffic circulation as well as the safety of traffic routes in the South East of the UK. The project will create more than 1,000 jobs and provide an opportunity for economic and social growth in this area of England.

The client, National Highways, gave a positive technical and economic evaluation to the consortium formed by FCC Construcción and made up of We Build and BeMo Tunneling.

> Preliminary works will provide initial opportunities for local, regional and national businesses during the first six months of construction start-up



> It is a clear example of the development of sustainable and innovative infrastructure that not only provides traffic solutions, but also improves people's quality of life



A303 Stonehenge dual carriageway project.



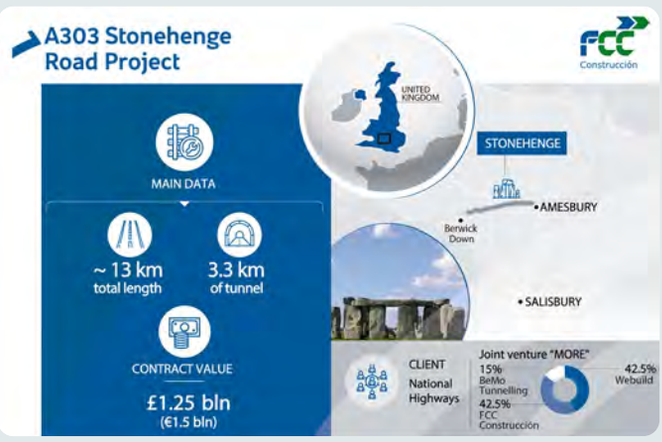


The A303 Stonehenge project includes the execution of the civil, structural, mechanical and electrical works, as well as the development and implementation of all the technological components that will enable the tunnel to be developed optimally by means of a tunnel boring machine. The project has a five-year completion period with a 25-year maintenance period.

FCC Construcción adds the A303 Stonehenge Bypass project to the list of infrastructures designed and built in England. In turn, this project joins other projects currently under way, such as the A465 Heads of the Valleys in Wales.

Projects such as the Mersey Gateway Bridge over the River Mersey and Enniskillen Hospital in Northern Ireland, among others, demonstrate FCC Construcción's commitment to the United Kingdom.

Proposed improvements to the A303 between Amesbury and Berwick Down



- Thirteen kilometres of high quality, free-flowing dual carriageway.
- A tunnel at least 3.3 kilometres long under the World Heritage site, closely following the current route of the A303, but 50 metres from the Stonehenge monument, avoiding important archaeological sites as well as obstructing the view of the sunset from the stones during the winter solstice.
- A new bypass to the north of the village of Winterbourne Stoke.
- Junctions with the A345 and A360 on both sides of the World Heritage Site.



Hazte Amigo Museo del Prado

www.amigosmuseoprado.org/colectivos/fcc

Imagen: Diego Velázquez, *Las meninas*, 1656, Museo Nacional del Prado.

Fundación Amigos Museo del Prado

České Budějovice: Pearl of the South Bohemia Region

Many describe South Bohemia as one of the most beautiful areas of the Czech Republic and a favourite holiday destination for the country's inhabitants. The region is celebrated for its beautiful landscapes and picturesque architecture. It is known for its system of ponds, great cycling terrain, old castles and chateaux, and its spa and ski resorts. **České Budějovice** is the capital of this diverse region.



České Budějovice is a statutory city and the administrative and cultural capital of the South Bohemia region. It was founded by the Czech king Premysl Otakar II in 1265. The new royal city was meant to be a new centre of royal power in South Bohemia and in 1980 the picturesque historical centre was declared an urban historical zone.

České Budějovice lies on the confluence of the Malše and the Vltava rivers, in the south eastern part of the České Budějovice basin. The basin stretches to the north and north west of the city and has many ponds, the largest of the ponds on the territory of the city being the Starohaklovský, Černiš and Novohaklovský - each with an area in excess of 40 hectares. The other natural wonders of the city and surrounding areas are associated with water too. For example, the natural monument Kaliště in the east of the city, the Vrbenská Pool in the north, or the u Špačků Pools on the southern edge of the city on the banks of the Malše.

With almost 100,000 inhabitants, České Budějovice is the largest city in the South Bohemia Region and is its economic, administrative and cultural hub. It is home to the South Bohemia Philharmonic Orchestra and the city has many theatres, museums and galleries. It is also home to several universities, institutes of Academy of Sciences of the Czech Republic and other important public institutions and government offices. In addition, České Budějovice is home to some world famous firms with a long tradition, such as; Koh-i-noor Hardtmuth, Budějovický Budvar, the largest South Bohemia Engineering firm Robert Bosch and the important food-processing firm Madeta.



FCC České Budějovice: offering a wide range of services for the city



Solid waste collection service truck in the city.

The company FCC České Budějovice looks after the comfort of citizens and the smooth running of the city. It ensures a very broad portfolio of services. In addition to the collection of municipal and sorted waste, it also operates its own landfill site, sorting line and collecting yards. Highly visible, monitored services include summer and winter maintenance of roads, pavements, bus stops and public spaces. Citizens are also highly appreciative of the care for municipal greenery and gardening services, as a result of which the city is like a garden in bloom from spring to autumn.

Citizens throughout the entire Czech Republic are aware of the company FCC České Budějovice as the proud partner of the prestigious "České Budějovice Half Marathon". It is held in June, so instead of watering the city streets the company's watering wagons spray water to cool the thousands of participants, providing a welcome refreshing shower. After the race, FCC employees collect dozens of thousands of plastic cups and the peel from almost one and a half tons of bananas that the runners consume.

The purchased equipment ensures the smooth and comfortable performance of services for the city and its inhabitants. In addition to conventional waste collection trucks and gritters with snow ploughs for winter maintenance, the equipment also consists of an electrically powered van, which is an invaluable aid to employees of the greenery care department. FCC has also purchased steam cleaners, which are unbeatable at cleaning the town's historical paving and carefully clean all the nooks and crannies. Their operation is highly ecological because they use only steam, with no added chemicals, and needing only a small amount of hot water to generate steam. These are very quiet machines and so they can also be used at night.

All of this contributes to the peaceful, satisfied standard of life in the capital of South Bohemia.







FCC České Budějovice provided services

- Mobile civic amenity sites for large-volume or hazardous waste
- Road and path scavenging
- Servicing of waste bins
- Operation of civic amenity site
- Collection and carting of separated waste
- Collection and carting of municipal waste
- Maintenance of public greenery in the heart of the city and care for road greenery
- Winter maintenance of roads and paths

The Lleida wastewater treatment plant **increases its energy self-sufficiency to 50% with the installation of photovoltaic panels**

The improvements made during 2021 have involved an investment of over 650,000 euros



Installation of photovoltaic panels at the Lleida Wastewater Treatment Plant.

The Lleida wastewater treatment plant is moving towards its goal of self-sufficiency by improving the energy monitoring network, intelligent control systems, biogas production and control of emissions and odours.

To this end, 705 solar panels have been installed and activated on the roofs of the buildings and adjacent areas of the treatment plant, with a power of 355 kWp, which will increase the plant's energy self-sufficiency by more than 50%. In addition, the energy monitoring network, the intelligent control systems (applying artificial intelligence (AI) tools), biogas production and the control of emissions and odours have also been improved.

The works have involved an investment with a budget of 653,086 euros and have been commissioned by the City Council to the concessionary company Aqualia, once approved and financed by the ACA (Replacement and Improvements 2021 programme).

Efficiency measures

In addition to these actions, improvements are being carried out at the treatment plant in secondary treatment, consisting of the replacement of diffusers to increase energy efficiency, the elimination of nitrogen and control systems to favour biological processes and the elimination of phosphorous.

Finally, other actions are also being carried out with the aim of improving the efficiency of sludge treatment, which will increase biogas production, both for use in cogeneration and for vehicle biomethane. The WWTP has also been equipped with greater efficiency and capacity in the separation of waste, such as wet wipes and masks, given the increasing extraction of this waste.

> "The 705 solar panels have been installed and activated on the roofs of the buildings and annexed surfaces of the treatment plant, with a power of 355 kWp"

Energy efficiency plan of the Catalan Water Agency (ACA)

The actions carried out at the Lleida wastewater treatment plant are part of the Energy Saving and Efficiency Programme for wastewater treatment in Catalonia, which the ACA has been rolling out since 2018. This initiative is being addressed through three axes, consisting of the implementation of photovoltaic parks, biogas production and measures to enhance energy efficiency. The plan envisages an overall investment of 159 million euros and aims to ensure that 78% of the energy needs of the sanitation systems are met with clean and renewable energies within 10 years.



Juan Luis Castillo (Director of Zone II of Aqualia); Jaume Rutllant (Councillor for Culture, City and Ecological Transition of Lleida); Miquel Pueyo (Mayor of Lleida); Anna Barnadas (Secretary for Climate Action); and Samuel Reyes (Director of the Catalan Water Agency, ACA) during the visit to the facilities.



The Catalan Minister for Climate Action, Rural Agenda and Food, Teresa Jordà, accompanied by the manager of the Catalan Water Agency (ACA), Mar León, together with different authorities, during the visit to the Lleida wastewater treatment plant facilities to learn about the latest actions carried out to improve the plant's energy efficiency.

An example of sustainability and innovation

The plant, which has served the city of Lleida and the municipality of Alpicat since 1994, has a track record of high efficiency in the elimination of pollutants. Yields are over 90-95% in the elimination of solids and organic matter, and in recent years energy costs have been considerably reduced. In addition, the plant has a Quality Management System (ISO 9001), Environmental Management System (ISO 14001), Energy Management System (ISO 50001). In 2013 it was the first facility in Spain to calculate and verify with AENOR (ISO 14064) the Carbon Footprint of the Lleida Integrated Cycle.

The Lleida WWTP is also a demonstration centre for R&D projects. Currently, within the framework of the European ULTIMATE project (Horizon 2020 No. 869318), the efficiency of a bio-methane SOFT (Solid Oxide Fuel Cell) stack is being tested to evaluate the potential of this new technology. In parallel, in the REWATERGY project (Horizon 2020 Nº812574), work is being carried out on the recovery of urea and thermal decomposition in ammonia for hydrogen production in separative systems.

DigiChecks, a project that will create a digital environment for permit management and compliance control in construction projects, is born

The European R&D&I project DigiChecks, financed by the EU's Horizon Europe Framework Programme for Research and Innovation, has got under way with the participation of 13 entities from five different European countries, led by FCC Construcción. Over the next three years the project will work on the development of a new digital framework for managing construction permits and regulatory compliance control.

The aim is to learn the contributions of each entity and establish the working bases to achieve the proposed objectives with excellence.

Based on new technologies

DigiChecks will develop a Digital Environment that allows interoperability and communication between the different platforms of the construction industry, which will facilitate the management of permits and compliance controls. It will be based on new technologies (BIM, GIS, Artificial Intelligence, Blockchain, Digital Twin) among others, taking as a reference previous international initiatives.

The management of building permits and compliance checks is an issue that involves a large number of actors in the processes, from architects and engineering firms involved in the designs, public entities, construction companies and subcontractors, to the final owner of the assets.



A common problem in the processes is the lack of a common language that allows interoperability between the different actors and competent authorities. In addition, the process of approval and verification of compliance varies from country to country, region to region and even municipality to municipality.

Open API service

The digital environment will be transformed into an "Open API" service, which will be based on the 3 principles on which DigiChecks is based: the definition of a common ontology of approval permissions, the customisation of permission processes according to user needs, and finally, the definition of control rules for the control of conformities based on Geometric Information Models (GIM).

The final objective of the solution is to provide flexibility, ease of use and efficiency in the permit approval and compliance control processes.

The development of the digital environment will be validated in three pilot projects of different nature and complexity: Wales, Spain and Austria, where all stakeholders will validate the system.

The 13 European entities that will collaborate in DigiChecks are international companies from the fields of construction, research, standardisation, digitisation and ancillary services: FCC Construcción, Realia Business, Fundación Tekniker, IDP Ingeniería, Medio ambiente y Arquitectura, Ibermática, Building Digital Twin Association, Neanex, Semmtech, Digital Construction, Bureau Veritas Group, CREE Buildings, Universiteit Gent & innCome.



Members of the consortium in charge of implementing DigiChecks, during the project launch meeting.

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