



# acciona

## reports

### SOLUTIONS

The past, present  
and future of  
urban transport  
all converge in  
ACCIONA

### PEOPLE

An aid fund  
for Africa

### INTERNATIONAL

We've been  
in Mexico for  
more than 30 years





## *We're from here*

**W**herever we're to be found, that's where our time is spent. It may seem contradictory, but going global is all about being very close to the ground and engaging in specific projects designed to meet local needs, requirements and circumstances, tailored to each particular place. In short, we come from wherever our projects are being carried out.

Underground railways, light railways and tramways that help to relieve busy inner-city roads are blended into the local landscape and contribute towards sustainable mobility. And if water is a basic need for any city, ACCIONA has been taking care of it in Barcelona (northeast Spain) since early 2013.

Our constant efforts to give our all in each and every one of our projects have been rewarded with acknowledgements and awards that encourage our professionals to seek continuous improvement in our processes. This constant quest for advancement does not apply solely to workplace health and safety: we strive to instill a healthy lifestyle over the long term.

The right blend of excellent credentials and longstanding presence has made us a business force to be reckoned with in Mexico and in Eastern Europe. The same goes for the African continent, where our projects not only contribute to development, but also, and quite often, are essential to survival. And we reach out to our immediate surroundings as corporate volunteers, by going into the classroom and showing youngsters how to take care of a world that will soon become their own.

Soccer is an emotion that knows no geographical boundaries; local teams are supported fervently and unconditionally as a distinguishing feature of the local inhabitants. And soccer's special magic was captured in London by our events specialists ACCIONA Producciones y Diseño, who showed the utmost respect for the environment by making the event a carbon-neutral one.

We're from here, and "here" is anywhere where we're given the opportunity to display our knowhow and our overriding desire to make the world a better place. Anywhere where we can use our talent to achieve a sustainable future.

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*We're from here*

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## General Shareholders' Meeting

**Speaking at this year's General Shareholders' Meeting, ACCIONA Chairman & CEO, José Manuel Entrecañales, reaffirmed his unwavering belief in the Company's business model based on Infrastructure, Energy and Water. He highlighted its "good long-term prospects", while acknowledging the "specific challenges" ahead.**

**J**osé Manuel Entrecañales issued a call for firm action on growth policies. He stressed the need for policies that "complement the Government's reform efforts and the sacrifices being carried out by the business community, by rolling out initiatives aimed at rekindling consumer

activity and investment, both public and private". He went on to underline the importance of the "right social, fiscal, labor, administrative, financial and legal conditions", aimed at attracting private investment, as well as "the urgent need to respect the basic tenets of legal certainty".

### **Energy**

Mr. Entrecañales praised Spanish renewables companies, calling them "global front-runners, with an excellent technical reputation worldwide"; he also called on Spain to "keep up this initial drive and remain well ahead of other economies and industries". ACCIONA's chief executive also expressed his belief that the "[Spanish] government will act clearly to protect the value that renewables represent for our future growth, our energy independence and our industrial reputation worldwide".

## *The ACCIONA Chairman & CEO underlined the importance of the Company's investments and growth policies*

### **Water and Infrastructure**

The Chairman defended the need to keep up investment levels. As an example, he spoke of water industry infrastructures which, according to Mr. Entrecanales, “are currently displaying severe shortcomings that, sooner or later, are bound to take their toll”. He also highlighted rolling stock infrastructures—“currently the best alternative to road haulage”—and grid interconnection with the rest of Europe “which, if it were increased, would benefit the [Spanish] system considerably”.

He also highlighted the considerable gap between global water supply and demand. “This is a major challenge in the short run—he warned—but one that also presents a huge opportunity to contribute to society and a business opening for ACCIONA” in an industry that is expected to register “3% to 4% annual growth in developed countries and between 8% and 10% in developing nations”. ■

#### ONLINE INFO

■ <http://www.acciona.com/shareholders-investors>

## **Greater Transparency**

Mr. Entrecanales submitted a new Company information document, the Integrated Report 2012, for the consideration of the Meeting. It is a new corporate reporting tool based on value-creation mechanisms for the Company and its long-term vision and positioning strategy. “This is a new type of report that is entirely in keeping with our commitment to transparency and accountability; it looks forward to the long term and explains, in simple and direct terms, the reasons that underpin our unshakeable confidence in our Company”, Mr. Entrecanales said.

## **Sustainability Performance**

The Shareholders approved the Sustainability Report; the latter highlights a 6% year-on-year fall in generated carbon emissions, amounting to a total of 809,000 metric tons, while energy consumption fell by 1.5% in the same period. In 2012, the Shareholders’ Meeting was held as a carbon-neutral event. This concept implies a two-fold commitment: on the one hand, to minimize the carbon emissions produced by the Meeting and, on the other, to offset all unavoidable emissions. This year, the Meeting’s emissions will be offset by acquiring Voluntary Carbon Credits in the “Mirador” Project, in Honduras, an initiative that sets out to install 25,000 energy-efficient domestic stoves.

The generated carbon emissions balance was reduced by

**6%** compared to 2011

Energy consumption fell by

**1.5%**

## **Boardroom changes**

The Meeting approved the appointment of Juan Carlos Garay as independent director and the reappointment of Ms. Consuelo Crespo and Mr. Carlos Espinosa de los Monteros, also as independent directors. The second vice-chair of the Board, Mr. Juan Manuel Urgoiti, stepped down formally, having reached the end of his term.

# Urban transport infrastructure

ACCIONA is a leading company in the design, construction and commissioning of transport infrastructure in cities. Throughout its history, the Company has developed innovative, sustainable and responsible solutions adapted to specific cases, both in Spain and worldwide.



## MADRID METRO. METRONORTE LINE. SECTIONS 1C, 2A AND 1B

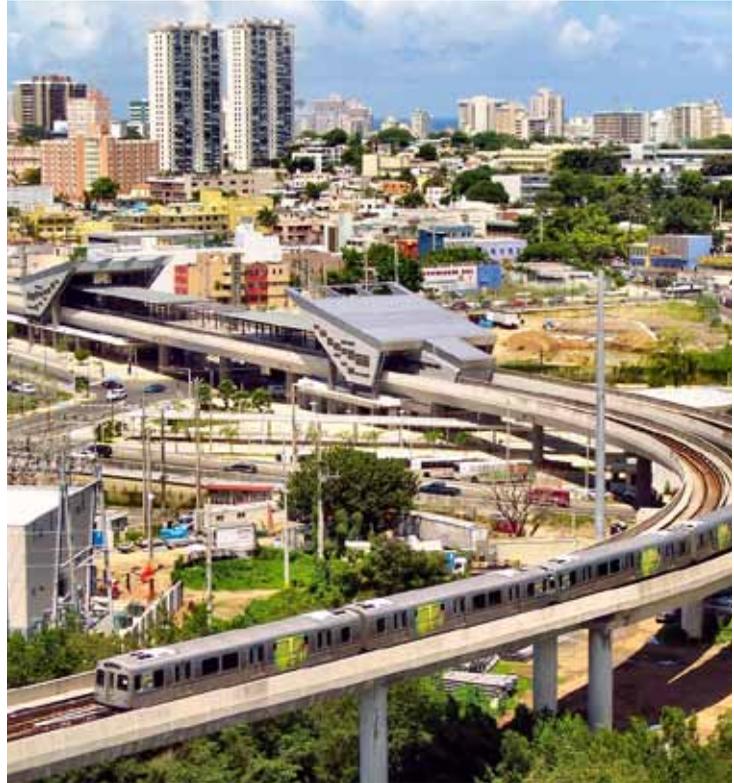
This project was built using two EPB (Earth Pressure Balance) Tunnel Boring Machines (TBMs) of 9.4m bore to excavate tunnels of 4.473km and 3.831km respectively, as well as constructing six stations using concrete facing techniques, 13 emergency exits and five ventilation and pumping stations. It was completed in 2007.

ACCIONA'S contribution to the development of metropolitan transport infrastructure has been crucial over the past two decades. From sections of underground metro lines, where the Company has carried out some of the technically most complex tunneling in built-up

areas, to surface tramways. These works are performed as always to the highest standards with regard to quality, coordination, safety and respect for the environment. They are testament to the values for which ACCIONA stands out - as a reliable, innovative and sustainable brand. ►

**URBAN RAILWAY IN SAN JUAN, PUERTO RICO**

Design and construction project for the Río Bayamón, Medical Center, Villa Nevárez and Hato Rey section for which a 3.65km, single-track viaduct was built, as well as a double-track viaduct of 4.947km, and 3.735km of ballast track, eight raised stations and another two at street level.



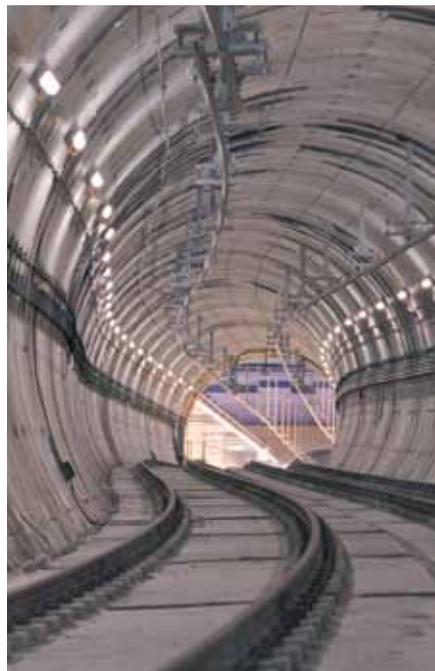
**MADRID METRO. LINE 8. SECTION: MAR DE CRISTAL-NUEVOS MINISTERIOS**

This was partly performed by excavating 3.375km with an EPB TBM of 9.44m bore and 1.925km using the conventional Belgian tunneling method. Two stations were built, the most important of which was the Nuevos Ministerios interchange.



**MADRID METRO. LINE 2. SECTION: LA ELIPA-LAS ROSAS**

Length: 3.817km executed using a 9.4m-bore EPB TBM. It was also necessary to excavate, through conventional means, 259 m of one section of a tunnel below the M-40 motorway that separates both areas, and to build four stations where earth consolidation work was needed to avoid disturbances to buildings above.



**MADRID METRO. LINE 7. SECTION: CANAL-VALDEZARZA**

Length: 4.65km, of which 3.435km corresponded to a 9.38m-bore tunnel excavated with an EPB TBM. Four stops were built, the highlight of which is the Guzmán el Bueno cavern station, constructed using the German method of excavating tunnels, completely integrated with the city below a dense built-up area.

### **BILBAO METRO. LINE 2. SECTION: URBINAGA-SESTAO**

Between 2001 and 2004, the extension of line 2 was carried out over a 920m section, including the building of the 108m-long Sestao cavern station below the Gran Vía. The work was executed using the NATM (New Austrian Tunneling Method) philosophy, excavating rock via mechanical means in a built-up area, with various services affected and the aim of maximizing integration in the city.



### **BARCELONA METRO. LINE 5. SECTION: HORTA-VALL D'HEBRON**

ACCIONA carried out the extension of Barcelona Metro line 5, involving 2.6 km of new route, three stations and a 300m-long train depot. Conventional tunnel excavation methods were used in all the underground works in Barcelona's complex urban environment.

### **BARCELONA METRO. LINE 9. SECTION: LOGISTICS PARK-UNIVERSITY ZONE**

2002 saw ACCIONA use the EPB TBM, with a record 12.09m bore, to perform works on this section of Metro line 9. The works consisted of boring two tunnels, of 4.6km and 6.15km length, at great depth, between the different stations of the section.

► **Metros**

ACCIONA's experience in the construction of metro lines to the suburbs is backed up by a long and successful history of project execution in top Spanish and foreign cities – it has carried out many large-scale projects in recent years.

In Spain, the highlight has been its contribution to the expansion of the Madrid, Barcelona, Valencia and Bilbao underground networks. These are cities where the urban environment, with their dense built-up areas, always represents a complex challenge.

ACCIONA has negotiated this complexity on many occasions through the use of advanced construction methods for tunnels and stations, such as those employed on the extensions of Madrid metro lines 2, 7, 8 and 9.

For Barcelona, the 2002 expansion of line 9 was a world first. Thanks to the EPB (Earth Pressure Balance)

Tunnel Boring Machine (TBM) and its then-record 12.09-meter bore, ACCIONA was able to build the first tunnel to include both tracks of trains travelling in opposite directions. Also, with the extension of line 5, one of the deepest stations in Spain was built at Teixonera, with two vertical shafts of 31 and 69 meters.

Thanks to its international expansion, the Company could also build the Medellin metro in Colombia, between 1985 and 1997, a turnkey project. It also designed, built and commissioned, in 1997, the San Juan metro in Puerto Rico, 65% of which runs across viaducts.

**Tramways**

Tramways have become an efficient and sustainable solution for cities. ACCIONA has provided such infrastructure in recent years for cities where these networks have assumed symbolic importance. ►



**MADRID METRO. METROSUR LINE**  
 Metrosur is a circular line serving five suburban centers in the south of Madrid. ACCIONA took part in building a 2.83km tunnel using a 9.36m-bore EPB TBM.



**VALENCIA METRO. LINE 5. SECTION: ALAMEDA-AVINGUDA**

In 1992, two parallel tunnels were built of 4.6km each, excavated using a 6.52m-diameter EPB TBM. This was the first time foam was used for soil conditioning in Spain on this kind of excavation.



**MADRID METRO. LINE 9 EXTENSION. TRAIN TO ARGANDA**

Length: 18.3km. Double track, four stations, each with park-and-ride of up to 1,000 car park spaces.



**MEDELLIN METRO, COLOMBIA**

Two lines were built, the first of 23.22km. Of these, 16.72km were at ground level and 6.5km over viaduct. Of the 19 stations, 11 were at ground and 8 of raised level. The second line was of 5.58km, of which 4.41km runs over viaduct and 1.17km at street level, with five stations raised and one at ground level.

## Solutions

- ▶ ACCIONA constructed 30 km of tramways in two projects in Barcelona: TRAMBAIX, uniting the city with L'Hospitalet and Baix Llobregat, and; TRAMBESÓS, serving the south-eastern quarter.

In Madrid's Parla district, ACCIONA has built 16 stops, two of which act as modal interchanges with the Renfe wider city train network, Cercanías, over 9.5km. The Madrid suburb has also created an extensive pedestrian precinct in the town center and rebuilt all the area around the tramway route.

One of the most representative milestones in innovation and sustainability was reached in the execution of the Granada tramway project. Here, the Company began to implement its new concrete-embedded slab tracks, using a unique rubber mix of ground, end-of-Life (EOL) tires and polymer matrix resin. The method, which has more advantages than traditional ways, is another example of ACCIONA's support for innovation and sustainable development working hand-in-hand.



### GRANADA TRAMWAY

ACCIONA constructed the final part of this Southern Spanish city's tramway route, a section of 2.8km, of which 1.9km is double and the rest single track. The line has three stops and is 800m long. ACCIONA installed its Spanish system of concrete-embedded slab track, using the mix of rubber from ground disused tires with polymer matrix resin and which has many advantages over the traditional method.

### BARCELONA TRAMWAY

ACCIONA has completed two large projects within the framework of the urban railway in Barcelona: TRAMBAIX and TRAMBESÓS. The TRAMBAIX is 15.8km long and divides into a main axis and two branches, forming a series of three lines with a total of 30 stops. The TRAMBESÓS serves the south-east part of Barcelona, links with various metro stations on lines 1, 2 and 4, as well as the Renfe train, and bus, stations. It is 14km long and divides into two axes overlapping on certain sections, forming two lines with a total of 29 stops.



### PARLA TRAMWAY

Parla tramway has a carousel structure, 9.5km in length, with 16 stops, each at about 500m, two of which serve as modal interchanges with Renfe's Cercanías train network.

#### ONLINE INFO

■ <http://www.accionainfraestructura.com>



### MURCIA TRAMWAY

This is a light railway network which connects the center of Murcia (eastern Spain) with the northern end of the city. ACCIONA constructed the experimental, 2km, standard gauge section (part of line 1) and its four stops. It opened in May 2007.



### ZARAGOZA TRAMWAY

The works at this central Spanish city were divided into two phases: the first between Valdespartera and Gran Vía, and the second between Gran Vía and Goya Park, covering a total of 12.8km in length and with 25 stops.



### SANTA CRUZ DE TENERIFE TRAMWAY

ACCIONA built the second section of line 1 of this 8km light railway, which runs between the towns of Santa Cruz de Tenerife and La Laguna (Canary Islands).

## Tunnel Boring Machine Control Center

ACCIONA's new TBM control center (CCT) was borne out of the wish to develop a platform for remote storage and monitoring of heavy machinery data - in order to reduce costs and manufacturer dependency. The center works by processing, in real time, the huge quantities of data gathered by TBM sensors through the InSQL data acquisition system. This center is in this way more efficient and can predict anomalies in the process, vitally important in preventing risk situations during tunnel construction. The remote machinery control systems also enable faults to be repaired from the center and TBM work to be simulated in advance, as well as real-time images of work in progress.

## Quito Metro

ACCIONA Infraestructura is to build two important interchanges for the new Quito metro in Ecuador. In the immediate vicinity of Sucre international airport, and as part of a project to renovate urban areas, the Company is to build El Labrador station, a ground level interchange that will link up Metro line 1 with the rest of the capital's transport system, Trolleybus and the Carapungo-Jipalpa Express. The station is to be constructed using the cut-and-cover method, where a shaft is first drilled down to enable access for the TBM. The Magdalena intermodal station is to be built using the same procedure, but in a location that nestles into the urban fabric of the area, and which will have three accesses.



ACCIONA AGUA

- ▶ GLOBAL WATER INTELLIGENCE (GWI) AWARD FOR BEST WATER COMPANY, 2013.

*Spain*

- ▶ IBIZA DESALINATION PLANT
- ASEPEYO ZERO ACCIDENT RATE AWARD. TWO YEARS WITHOUT A WORKPLACE ACCIDENT OR LOST TIME THROUGH ACCIDENTS.

*Chile*

- ▶ COIAPÓ DESAL PLANT
- CHILEAN CONSTRUCTION CHAMBER (CCHC) PRIZE FOR ONE MILLION HOURS WORKED WITHOUT AN ACCIDENT. AWARDED TO THE PROJECT'S JOINT VENTURE FORMED 50% BY ACCIONA AGUA AND ACCIONA INFRASTRUCTURE.

*Australia*

- ▶ ADELAIDE DESAL PLANT
- AUSTRALIAN PROJECT OF THE YEAR AWARDED BY THE PROJECT MANAGEMENT INSTITUTE (PMI).
- GLOBAL WATER INTELLIGENCE (GWI) AWARD FOR BEST DESALINATION PLANT.
- AUSTRALIAN WATER ASSOCIATION (AWA) INNOVATIVE INFRASTRUCTURE PRIZE.



ACCIONA INFRASTRUCTURE

*Spain*

- ▶ FOOTBRIDGE OVER THE JÚCAR RIVER, CUENCA.
- 2013 CONSTRUMAT AWARD. HIGHEST CIVIL ENGINEERING CATEGORY DISTINCTION FOR TECHNOLOGICAL INNOVATION.
- ▶ WORKS IN CANTABRIA
- ZERO ACCIDENT PRIZE FROM THE CANTABRIAN HEALTH AND SAFETY AT WORK INSTITUTE.
- ▶ INFANTA SOFÍA UNIVERSITY HOSPITAL
- FIRST BUILDING IN SPAIN TO OBTAIN BREEAM CERTIFICATION. HIGHEST DISTINCTION ASSURING SUSTAINABILITY OF BUILDINGS.

**Awards for  
excellence, health  
and safety, and  
technology**

*Canada*

- ▶ A-30 MONTREAL HIGHWAY
- 2013 DISTINCTION AND 2013 INFRASTRUCTURE AWARDS FROM THE QUEBEC TRANSPORT & ROADS ASSOCIATION.
- 2013 ARMATURA AWARD FROM THE REINFORCING STEEL INSTITUTE. RECOGNITION OF THE UTILITY, COHERENCE AND ORIGINALITY OF THE PROJECT THROUGH TECHNOLOGICAL INNOVATION AND SUSTAINABLE DEVELOPMENT.

RECOGNITION





## ACCIONA ENERGY

### Mexico

- ▶ ATOTONILCO WASTEWATER TREATMENT PLANT
- 🏆 **AWARD FOR BEST PUBLIC-PRIVATE PARTNERSHIP (PPP) PROJECT IN LATIN AMERICA, ACCORDING TO THE INTERNATIONAL FINANCIAL CORPORATION (IFC).**

### Spain

- ▶ 🏆 **2012 ASEPEYO AWARD FOR WORKPLACE RISK PREVENTION IN EXCESS OF LEGAL REQUIREMENTS CARRIED OUT BY THE COMPANY.**
- ▶ SOLAR THERMAL PLANTS
- 🏆 **2012 CSP TODAY PRIZE FOR THE EFFORTS AND SUCCESS ACHIEVED BY ACCIONA IN DEVELOPING THE SOLAR THERMAL INDUSTRY.**

### Mexico

- ▶ WIND FARM FINANCING
- 🏆 **DEAL OF THE YEAR PRIZE FROM PROJECT FINANCE MAGAZINE, RECOGNIZING THE INNOVATIVE STRATEGY OF ISSUING BONDS TO FINANCE TWO WIND FARMS IN OAXACA.**

Striving for a job well done is an increasingly vital value in a very competitive world, where clients always demand the highest quality. The awards listed here demonstrate a continual story of success by ACCIONA's highly professional workforce.



## ACCIONA

### Mexico

- ▶ SUSTAINABILITY
- 🏆 **2013 CSR DISTINCTION AWARDED BY THE MEXICAN PHILANTHROPY CENTER (CEMEFI) AND THE CORPORATE SOCIAL RESPONSIBILITY ALLIANCE. AWARD ACCREDITING ACCIONA AS A SOCIALLY RESPONSIBLE COMPANY (ESR), ACTIVITY OF WHICH REPRESENTS A GOOD EXAMPLE OF CSR IN LATIN AMERICA.**



## ACCIONA SERVICE

### Spain

- ▶ 👍 **SA 8000 CERTIFICATION FOR SOCIAL RESPONSIBILITY, DEMONSTRATING THE COMPANY'S COMMITMENT TO GOOD WORKPLACE CONDITIONS.**
- ▶ 👍 **2010-2013 CORPORATE EQUALITY AWARD (DIE) GIVEN BY THE MINISTRY OF HEALTH, SOCIAL SERVICES AND EQUALITY FOR THE IMPLEMENTATION OF POLICIES PROMOTING EQUALITY AMONG WOMEN AND MEN IN ALL AREAS OF THE COMPANY.**
- ▶ SERVICES TO FORD MOTOR COMPANY
- 🏆 **2012 WORLD EXCELLENCE AWARDS (WEA) GOLD MEDAL, RECOGNIZING THE COMPANY'S CONTINUOUS QUEST FOR EXCELLENCE IN ESSENTIAL AREAS SUCH AS QUALITY, COSTS AND PRODUCTIVITY.**
- ▶ PALMA DE MALLORCA AIRPORT HANDLING
- 👍 **ISAGO© CERTIFICATION (IATA SAFETY AUDIT OF GROUND OPERATIONS). CERTIFICATION GUARANTEEING SAFEST OPERATIONS, REDUCED NUMBER OF ACCIDENTS.**

# Eastern promise

In recent months, ACCIONA Energy has commissioned a wind farm in Croatia and another in Poland.

Over the past six months ACCIONA Energy has extended its international reach with the commissioning of two wind farms in Eastern Europe: one in Croatia (30MW) and the other in Poland (33MW).

The Company is engaged in other projects in both countries, but Poland in particular is in the process of introducing a new regulatory framework for the country's wind power industry.

In Croatia, the Jelinak wind farm (the country's first ACCIONA-owned

wind facility) was installed in 2012 and came on-stream in 2013. It is made up of twenty ACCIONA wind turbine generators (1.5MW) each, set on steel towers. The facility is to be found in the Split-Dalmatia region and has a yearly production capacity of 81 million kWh, enough to avoid the emission of 79,000 metric tons of CO<sub>2</sub>.

In Poland, the Krobia I wind farm came into operation in 2013. It boasts eleven ACCIONA Windpower wind turbine generators set on concrete towers. This facility,





AW1500 wind turbine generators at the Jelinak wind farm (Croatia).



located in the province of Wielkopolskie (western Poland), will produce 82 million kWh a year and avoid 77,800 metric tons of carbon emissions. It is ACCIONA's second wind farm in Poland following the commissioning of the 38MW Golice facility in 2011.

Prospects for wind power in Croatia are bright: the country is highly energy dependent and relies heavily on fossil. In addition, Croatia has recently joined the European Union and it will have to adapt to EU requirements on energy

and climate change, as well as meeting a 20% renewables target by 2020. At end-2012 the country had a total installed capacity of 194MW of wind power, and the target for 2020 is 1,200MW.

Poland has the most mature wind power sector in Central- and Eastern Europe, registering significant growth rates in recent years. In 2012, the country's total wind power installed capacity jumped 53%, to an accumulated total of 2,547MW, according to Navigant Consulting. The country's

National Action Plan on Renewable Energy is aiming for a target of 7,000MW of wind power for 2020, in an effort to reduce fossil fuels' (especially coal) key role in energy production. Fossil fuels account for 96% of electrical power production in Poland. ■

#### ONLINE INFO

- <http://www.acciona-energia.com>
- [http://www.acciona-energia.com/press\\_room/news.aspx](http://www.acciona-energia.com/press_room/news.aspx)

*A 3MW ACCIONA Windpower wind generator on a concrete tower, at the Krobia wind farm, in Poland.*

# A competitive boost for the motor industry

The Spanish automobile industry is relying on ACCIONA Service for process improvement. Nissan, Volkswagen, SEAT, Ford, Renault and GM are just some of the major marques that draw on ACCIONA for the management and operation of ancillary services.

With the help of such multinationals, ACCIONA Service has expanded its range of activities to the automotive industry in 11 countries (Spain, Germany, Austria, Belgium, the Netherlands, Hungary, Italy, Poland, Portugal, Romania and the United Kingdom) -creating over 2,500 jobs in the process. ACCIONA Service performs all kinds of non-core business activities that such automated factories require- from internal logistics, technical and industrial cleaning to facilities maintenance, catering, energy efficiency management, supply chain optimization, staff transport and vehicles, gardening and waste management, etc. The Company offers these services individually, but specializes in managing them together by applying the Facility Management methodology, an integrated management model that maximizes synergies.

## The “Challenge” Project

An example of this is ACCIONA Service’s participation in the



“Challenge” project, developed by Nissan at its factory in Barcelona free port. In 2010, the plant managers proposed reducing vehicle unit production costs by 30% to improve competitiveness and attract the production of new models to the factory. ACCIONA, which has been working with Nissan since 1990, dedicated itself to this objective, contributing by reducing costs by 20% in three years without any

detrimental effect on quality; this was achieved in March 2013. For this, ACCIONA Service and Nissan trained a team of engineers to streamline processes and adjust costs while guaranteeing quality. In the first two years, costs could be optimized by 15% and the 20% target is forecast to be met by March 2014. The result has been a new order for a utility model to be made at the plant from 2014 onwards.



*ACCIONA Service has renewed until 2016 its contract for cleaning and waste management at plants owned by SEAT in Martorell, Nissan at Barcelona free port and Gearbox, creating over 400 jobs*

Other flagship projects include Volkswagen Group's Autoeuropa factory in Portugal, at which ACCIONA Service carries out the end-to-end maintenance of the factory (this is a benchmark contract in this kind of services). Then there is the contract with General Motors to improve energy management for ten of its European plants. ACCIONA Service is

designing tailored solutions for each plant, installing new equipment and maintaining their systems to guarantee energy savings and assure a return on investment in three years. ■

**ONLINE INFO**

■ <http://www.acciona.com/business-divisions/service>



# Cultural engineering and technological innovation

**ACCIONA Producciones y Diseño is a company dedicated to carrying out actions that use technology and sustainable development to bring culture closer to a mass audience.**

**C**ultural Engineering refers to the design of overall strategies in which culture takes on the leading role in leisure, tourism and individual and social wellbeing. It's a discipline that is relatively little known in Spain; even so ACCIONA Producciones y Diseño (formerly GPD) today stands as a pioneering force in this type of ground-breaking

solutions capable of bringing a new lease of life to otherwise flagging places and spaces. And it does so by bringing culture, history and local traditions to the fore.

APD delivers products designed specifically to draw the crowds in a fun, social and educational way, and by applying sustainability principles and technological innovation at all times.

These solutions can be applied to a variety of spheres, e.g. history, art, heritage and even sports and music. Moreover they usually take the shape of a temporary or permanent event, or even a combination of both, using multiple formats: light and sound shows, multimedia, audiovisual guided tours, interactive installations, and so on.

### **Champions League 2013**

A prime example of this vision as applied to sports took the shape of an audiovisual show held in London's Trafalgar Square, in the run-up to the 2013 Champions League soccer final. The multimedia event projected 3D images highlighting some of the standout moments in the history of this European soccer tournament which goes back to 1955, including tribute to the Cup's legends and champions. The event called for a special structure, featuring a 200 square-meter-plus screen that imitated the surface of a stretched-out soccer ball. ACCIONA put all of its cutting-edge visual and sensory tech clout into this spectacular, turning into a showcase for history, tradition and values; in this case, those of the governing body of football in Europe, UEFA.

### **Zurbaran's saintly women**

The art world provided the setting for another flagship event based on this concept. The acclaimed "Santas de Zurbarán" (Zurbaran's Saintly Women) exhibition, opened last May in the Santa Clara Exhibition Space, in Seville (southern Spain), brings together some of the most beautiful paintings of female saints, painted by Spanish Golden Age artist Francisco de Zurbarán, with works from the world's major museums, such as London's National Gallery or Madrid's Prado and Thyssen museums. The show also features dresses by Spanish designers which draw their inspiration from the canvasses of the painter from Fuente de Cantos (Badajoz, southeast Spain). ■

*APD put together a breathtaking 3D spectacular to mark the 2013 Champions League Final 2013, in London*



# Top-quality water

ATLL Concessionària's activities cover a number of different zones that make up a total 1,800 square kilometers. The responsibility for delivering water to these zones lies with ATLL Concesionària de la Generalitat de Catalunya, S.A., a consortium of shareholders led by ACCIONA Agua.

**A**TLL Concessionària sources regulated water from six reservoirs: La Baells, La Llosa del Cavall and Sant Ponç, in the Llobregat river catchment area, and those of Sau, Susqueda and El Pasteral in the Ter river basin, as well from the seawater desalination plants at Llobregat and Tordera.

Available water has to be purified and transported to tanks spread out across the city and which join together the supply network. Two ATLL drinking water treatment plants distribute water ready for consumption: one is at Abrera (Baix Llobregat region) and the other in Vallès Oriental. Likewise, its two seawater desalination plants are at El Prat de Llobregat and in Blanes (Tordera basin).

## Purification

The Ter Drinking Water Treatment Plant (DWTP) takes in water from the system of reservoirs in series, through a 56-km-long, 3-m-bore

gallery. It can treat up to 8,000 liters per second (l/s) and store as much as 600 million liters of usable water in its tanks. The Llobregat DWTP sources water directly from the river and can treat up to 4,000 l/s and store as much as 263 million liters in tanks.

The intake water has to go through a purification process consisting of several different stages:

- When the river water enters the plant, it first passes through a basic, blocking grill that stops large solid objects;
- In the sedimentation process, organic pollutants are eliminated, allowing water to emerge almost acceptably clear. Later, it passes through a sand filter to extract particles that could still be in the sedimented water;
- Then the water passes via carbon filters which eliminate compounds that cause bad taste and smell;
- Finally, chlorine is added to guarantee disinfection;



- The drinking water is stored in reserve tanks which supply the piping network that leaves the plant.

## Desalination

The Llobregat seawater treatment plant (STP) has production capacity of 200,000m<sup>3</sup>/day, whereas the Tordera desalination plant can produce up to 57,600 m<sup>3</sup>/day, part of which is destined for local consumption. The purification process for seawater —using the reverse osmosis technique— is different than that for freshwater. The desalination process begins by taking in seawater and then carrying out an essential pretreatment to eliminate material via sand, carbon and cartridge filters and through reverse osmosis membranes. High pressure pumps in-



crease the water pressure and inject it into semi-permeable membranes that retain dissolved salts. The salts-free osmosis water is drawn from the membranes while the rejected, or brine, water heads back to sea via an underwater discharge. The osmosis water now has no minerals, so calcium and carbon dioxide have to be added. The now potable water is stored in the tanks where chlorine is added to disinfect it entirely.

The water which arrives at the drinking water stations needs constant analysis and control, done by daily chemical and biological testing.

### Supply

Ready for consumption, water is distributed by ATLL via its regional supply network: over 1,000km

of ducts and pipework, 63 pumping stations and 167 tanks. It also has two distribution stations in the Barcelona metropolitan area: Font-santa (Sant Joan Despí), which receives water from the Llobregat basin, and La Trinitat (north Barcelona), which sources it from the Ter and Tordera catchment areas. A 12km-long, 6m-diameter tunnel through the Collserola mountain range joins both distribution stations and carries water in both directions.

### Management

The ATLL installations are managed through a remote control system. In this way, the control center operator knows the state of the network at any one time and can

modify operational parameters by resorting to valves and sluice gates, cutting pumps in or out, as well as monitoring water quality, storage tank levels, electricity consumption and the like.

In line with its environmental conservation policy, ATLL also produces renewable energy from photovoltaic, wind power and mini-hydroelectric installations at the main drinking water production plants, distribution stations and tank sites. ■

#### ONLINE INFO

■ <http://www.acciona-agua.com>

Get to know

# ATLL, taking care of water

By working 24 hours a day, and every day of the year, as of 1 January 2013, ATLL Concessionària has been assuring that water of the utmost quality reaches over 4.5 million inhabitants of the Barcelona and Girona regions (northeastern Spain).

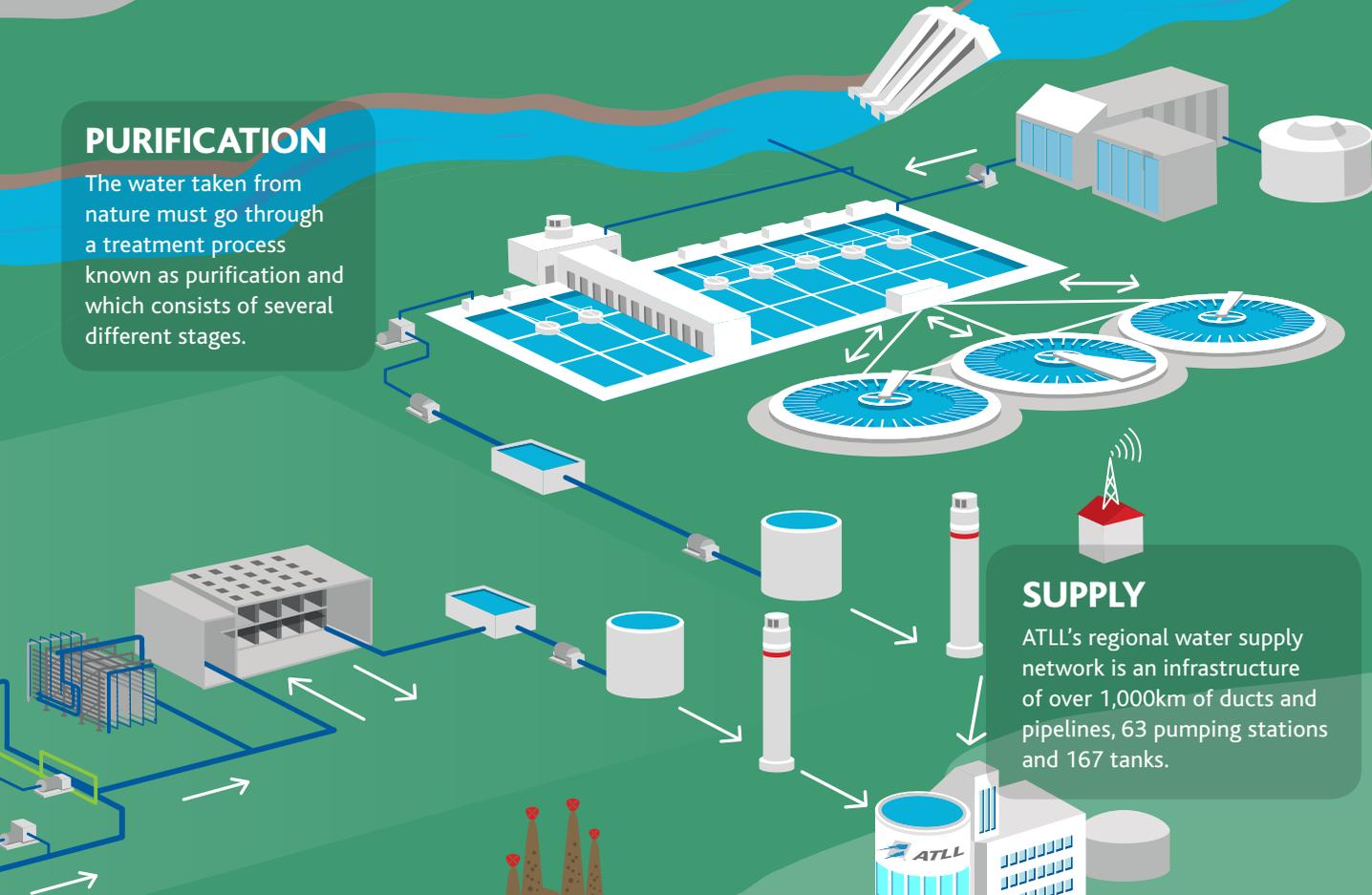
## DESALINATION

The desalination process begins by taking in seawater and then carrying out pretreatment —an essential part of the desalination process— to eliminate suspended material found in the seawater via sand, carbon and cartridge filters and through reverse osmosis membranes.



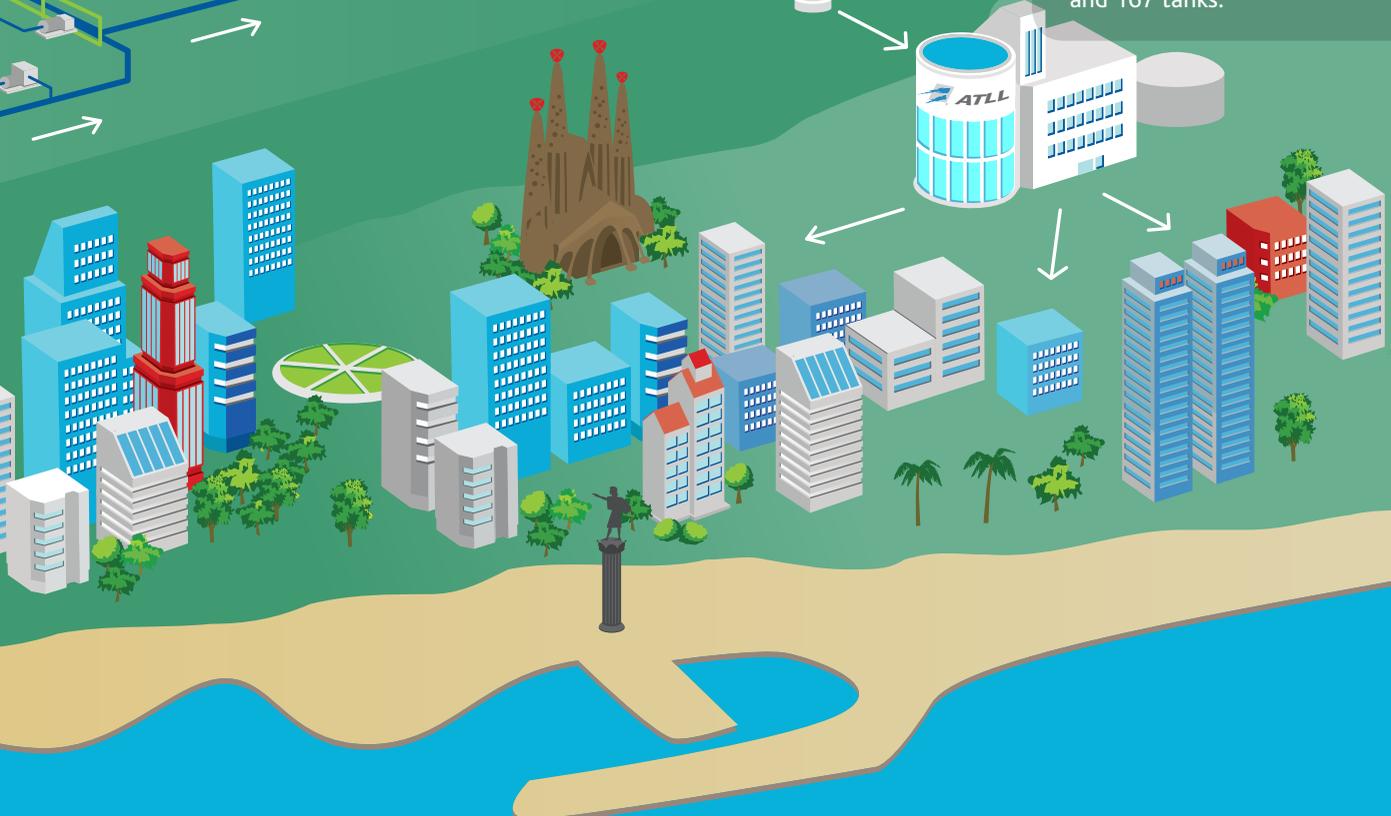
## PURIFICATION

The water taken from nature must go through a treatment process known as purification and which consists of several different stages.



## SUPPLY

ATLL's regional water supply network is an infrastructure of over 1,000km of ducts and pipelines, 63 pumping stations and 167 tanks.



**GUILLERMO JIMÉNEZ MICHAVILA,  
DIRECTOR OF ACCIONA MEXICO**

# “We act and compete as a Mexican company”

**Established in Mexico for 35 years now, ACCIONA has consolidated its business across the different divisions and offers full continuity for all projects.**

**G**uillermo Jiménez Michavila has spent four years at the head of ACCIONA Mexico, dedicating his experience to a market where ACCIONA has been carrying out flagship projects for over three decades.

## **How has ACCIONA’s presence evolved in Mexico over the last few years?**

The presence of all the Group’s divisions has grown significantly and it

is now fully consolidated. ACCIONA arrived in Mexico in 1978. During the 1980s and 1990s, activity centered on buildings for private clients. A decade ago, we began to diversify and today we can proudly say that all ACCIONA divisions are involved in important projects. In Energy, with 552MW of wind power installed, we are the leaders in renewables; in Water, we are building the world’s biggest wastewater treatment plant which will serve Mexico City; our

Real Estate is among the most prestigious in Mexico; in Infrastructure, alongside ACCIONA Engineering, we have managed to diversify greatly, with concessions, roads, hospitals and educational buildings, ports, and industrial complexes, and recently opened an ACCIONA Service office.

## **What does the incorporation of ACCIONA Service bring to the Company and the Mexican market?**

ACCIONA offers what few other companies can: the ability to see a project out to the end and give it continuity. That might be designing and building a hospital, a university or a wind farm, etc.; the Company’s offer compared to competitors is always much more comprehensive and more competitive, pricewise too. ACCIONA Service has extensive experience in working for both public and private sector clients and brings optimum solutions to projects for both government and Mexican companies.



*San Luis Potosí Polytechnic University.*



*“We have been in Mexico since 1978 and are here to stay. We are very involved in the development of Mexican society”*

**What is the key to ACCIONA being recognized as an established Mexican company?**

I am convinced that becoming deeply embedded in countries, and being able to compete with local rivals on an equal footing, is essential to succeeding in our internationalization process. In 30 years in Mexico, we have become a prominent local presence, with a thorough knowledge of the market, and have carried out significant investments in all the businesses ►

**PROFILE**



**Guillermo Jiménez**, from Madrid, trained as a civil engineer at Madrid’s Polytechnic University, specializing in water. He joined ACCIONA in 1993 as director of works for the Galicia area in Spain. Since then he has performed many different responsibilities within

the Company, as Brazil Project Director (1996-1999), Construction Director for the Castile-and-Leon area (2000-2005), and ACCIONA Infrastructure Director in Asturias-Cantabria (2006-2009). In June 2009, he was made Country Director and General Manager of ACCIONA Infrastructure in Mexico.



► and have the clear determination to stay here for the long term. Meanwhile, we train local workers and help them develop their careers in ACCIONA, ensure that our partner companies grow with us, bring technological development to the country, undertake CSR programs, and collaborate with the Mexican authorities so that we increasingly become a Mexican company, with a Spanish parent, rather than just the subsidiary of a foreign company.

**Proof of this is the agreement signed with the Mexican government to train workers in occupational health and safety.**

Yes. We signed this accord with the Mexican authorities on 14 June to contribute to the improvement of working conditions in the construction sector, which has special importance in the country, by promoting, encouraging and strengthening legal compliance.

It consists of making our experience and best practices in workplace health and safety available to Mexican society.

*From left to right: Atotonilco wastewater treatment plant; Salinas Cruz seaport, Oaxaca; Playamar apartments, Tres Cantos, Diamante Beach, Acapulco, and; Oaxaca wind farm.*

## Light in the Home

The "Light in the Home" program will help bring basic electricity services for lighting and communication to Oaxaca communities with less than 100 inhabitants. Domestic photovoltaic systems are to be installed, consisting of a solar panel, three lamps and a battery, which will permit the operation of low consumption electrical appliances for a monthly fee from those benefiting from the service. The project has the support of Oaxaca State Government and the Spanish Development Cooperation Agency, as well as ACCIONA, which have formed a public-private development association to work with the communities, not only on providing them with new infrastructure, but also helping them to improve their social and environmental conditions.





### **What are ACCIONA's challenges in Mexico at this time?**

Mexico is currently beginning a new phase of government during which heavy investment in infrastructure and energy can be expected to drive the country's growth.

In this context, we at ACCIONA Infrastructure are working to continue participating in different kinds of works and hope for bigger contract volume. In Water and Service, we are also looking to win new projects. In Real Estate acti-

vity, we hope to continue with the success of our developments, and in Energy to consolidate our leadership position in wind power while also generating projects in other technologies. To sum up, we at ACCIONA want to strengthen our local presence, internal controls, positioning and commitment to Mexico. ■

#### **ONLINE INFO**

■ [www.accionamx.com](http://www.accionamx.com)

## **Social commitment**

ACCIONA has received the Mexican Socially Responsible Company (ESR) award for the third year running - as recognition of its best practices in Corporate Social Responsibility. For many years now, the Group has promoted activities in communities where it is carrying out mainly long-term projects such as concessions and wind farms. Actions assessed when considering the award included the participation of 2,000 women from communities near ACCIONA's wind farms in cervical cancer prevention and general health care, and sustainability workshops held for 1,100 students to train them in energy saving, water consumption, sustainable development and innovation.



## Worldwide volunteers

**This year, ACCIONA'S annual Corporate Volunteer Day extended its geographic reach and covered seven countries at the same time. A total 350 employees and 7,000 schoolchildren are the main players in an initiative designed to take sustainability into the classroom.**

For the second year running, ACCIONA organized its Volunteer Day, a special one-day corporate volunteering event in which employees take part by leading sustainability workshops for school children between the ages of seven and eleven. This year 350 employees volunteered, 2% more than last year, and more than 7,000 youngsters benefitted from the event in seven countries, namely Spain, Mexico, Chile, Canada, Brazil, Australia and Poland.

ACCIONA employees turned up at a hundred or so participating schools and used activities and games to give a two-hour lesson aimed at giving youngsters a practical and fun grounding in issues such as how to save energy and water, how to make better use of natural resources, the basics on renewable energy, and others. Among other activities, the youngsters worked out their daily water consumption and built their own mini-wind generator and home-made solar oven.

*Games and workshops are used to encourage school children to take on an active role in sustainable development*



*The number of employees taking part in the second ACCIONA Volunteer Day was up 20% on last year.*

This year ACCIONA extended the event's geographic reach: last year it was held in Spain, Mexico and Chile; this year it also reached out to school children Canada, Brazil, Australia and Poland.

ACCIONA Volunteer Day 2013 stems from the Company's Sustainability Master Plan (SMP 2015), as part of a policy aimed at disse-

minating the sustainability values that ACCIONA puts into practice in its Sustainability Workshop, among other channels. The Workshop is a free learning program for participating schools, and includes training for teachers and guided tours of a range of ACCIONA facilities such as wind farms, R&D centers and water treatment plants. ■

#### ONLINE INFO

- <http://www.acciona.com/news/acciona-corporate-volunteers-explain-sustainability-to-7,000-schoolchildren-in-seven-countries>
- <http://www.sustainability-workshop.com/workshops>

**BELTRÁN PARAGES,**

**BESTINVER COMMERCIAL DIRECTOR**

*“100% of what you  
give gets there”*

The Aid Fund for  
Africa (FAA) allows  
Bestinver, its clients  
and employees, to  
collaborate in social and  
development projects  
on the African continent.



Bestinver volunteers  
in Malawi.



Large and medium-sized companies are increasingly opting to use their corporate social responsibility policies to contribute to society - by returning some of the earnings they have obtained from it. Bestinver is no exception, and this is why it has created its “Aid Fund for Africa” (FAA), managed by the humanitarian development aid NGO, Africa Direct. Beltrán Paragés, Bestinver’s commercial director, opened the doors on the fund’s projects with all the dedicated enthusiasm that envelops this initiative. The fund is a platform for Bestinver and its clients to commit resources to development projects centered on the African continent.

#### **What is the Aid Fund for Africa?**

The FAA is the platform by which Bestinver channels its corporate social work. Through it, we give the opportunity to the Company, its clients and employees, to send donations to humanitarian and development projects in Africa, managed by our partner Africa Direct (África Directo, AD). The

operation is simple: on the one hand, we set up a current account to whoever wants it for making contributions (with rights to the corresponding tax relief), and; on the other hand, together with AD, we select the most interesting projects for financing according to our criteria. No costs are produced during the process, so we can guarantee that 100% of the amount donated is received by the final beneficiary. None of the three stages involved incur any costs on the donations received. As such, our slogan is: “100% of what you give gets there”.

#### **Why should an investment fund manager decide to launch a project such as this?**

First, it emerged as a response to the need for Bestinver and its employees to return to society part of the profits we earn; we believe we are fortunate in our lives and this is a way of recognizing that. Also, we believe in this project, which was started by founders José María Márquez and Guadalupe Martín Laborda and their team. ►

*Bestinver  
has created  
the Aid Fund  
for Africa (FAA)  
managed by the  
humanitarian  
development  
aid NGO,  
Africa Direct*



► José María lived for seven years in Africa, in which he created and ran a hospital which later culminated in the AD foundation, a Spanish NGO focused on development projects in Africa, formed by highly involved volunteers of quality (professionals from various sectors). Currently, the foundation is managing projects in 13 countries with the same spirit and aims as for the first hospital. Guadalupe, for her part, was the founder of Manos Unidas and later decided to join AD to contribute her experience managing projects and teams. She has maintained the same enthusiasm and commitment since day one... for the past 25 years!

**At Bestinver, when you talk about a fund, it is normally associated with yield and risk. What would be FAA's yield and risk for those who wish to invest?**

The yield of this fund is infinite. It cannot be measured in numbers; it is emotional. We work with and for people, with projects that change the

lives of those who benefit from them. Numbers are irrelevant.

**What kind of projects do you finance?**

Generally, those that help bring normality to the lives of unfortunate people and lighten their load of day-to-day problems. Within this broad definition, we

*From left to right: A mobile clinic in Malawi; the Anti-Aids program in Balombo; drinking water access in Cameroon, and construction material for a school in Nebbi.*



Africa Direct is a humanitarian NGO dedicated to development aid without any political or religious associations. Founded on 6 April 1995, as 'Solidarity with Malawi', the foundation changed its name in 2003 to its present 'Africa Direct'. It aims to stimulate creation of long-term projects that become self-sustainable through capacity-building among local managers. Africa Direct is made up of volunteers who bring knowledge, dedication and economic means, 100% of which is destined for the projects, which in turn must fulfill several indispensable requirements, where they:

- Improve living conditions for the African population via development projects;
- Promote development of communities stimulating the taking of responsibility for actions and fully respecting local cultures;
- Training local communities by allocating volunteers to accompany them on the ground, and;
- Raising awareness among social agents in donor and receiving countries on the need for active participation.



*There are many ways to collaborate, including personal involvement and contribution of professional knowledge to projects*

have all types of projects, from education to engineering related to agriculture, infrastructure and health care, etc. As of late, we have also embarked upon a new adventure by creating a micro-credit entity to lend money to people to start up businesses (modest, but vital for survival) and which generates the necessary resources to tackle the basic costs of life: food, health, education, housing, etc. We provide them with the means so that they can help themselves.

**Is it necessary to invest large amounts?**

No. There are many ways of collaborating, including personal involvement and by contributing professional knowledge to projects (from lawyers, engineers, doctors, biologists, teachers, etc.). This is usual among donors, since AD has an extensive network of volunteers with very high qualifications, who bring both what they know, and their time, to manage different projects.

The contributions are not measured in money terms (although money is always welcome), but by the donor's intention.

**Over the past year, how much has been raised for the Aid Fund for Africa and to which projects have the funds mainly been dedicated?**

We have raised around 1,200,000 euros. As well as donations from Bestinver employees, we inherited in favor of FAA, for the first time and as a one-off, one client's whole investment in Bestinver, as well as other assets. The funds raised are destined for health care, educational, community and agricultural projects, and emergencies, in Angola, Benin, Burundi, Cameroon, Eritrea, Kenya, Malawi, Mozambique, Sierra Leone, Sudan, Tanzania, Uganda and Zambia. ■

**ONLINE INFO**

- <http://www.bestinver.com>
- <http://www.africadirecto.org>

## // ACCIONA's Chairman named UN advisor

ACCIONA Chairman & CEO, José Manuel Entrecanales, is to sit on the Advisory Board for the United Nations' "Sustainable Energy for All" initiative. The vice-chairs of the Board are UN Secretary-General Ban Ki-moon and the President of the World Bank, Jim Yong Kim. Mr. Entrecanales is the only Spanish member of the Board.

The "Sustainable Energy for All" initiative sets out to bring together the efforts of different governments, the private sector and civilian society, with a three-fold objective for 2030:

- Universal access to modern energy services.
- A 40% improvement in energy efficiency.
- Renewable resources to meet 30% of world energy needs.

The UN and the World Bank will use this new advisory body to provide a boost for the "Sustainable Energy for All" project. ACCIONA was a founder member of the initiative, created in September 2011.

### ONLINE INFO

■ <http://www.acciona.com/sustainability>

## WIND POWER FOR A SUSTAINABLE FUTURE



## // Regenerating peat bogs in Spain



As part of ACCIONA's ongoing efforts to protect natural spaces under threat from human activity, the Company has helped regenerate the peat bogs at Basconillos del Tozo and Úrbel (Burgos, central Spain). The peat bogs are a kind of acidic wetland with an accumulation of organic material. The EU has declared them Habitats of Community Interest and Priority. These natural spaces are important because they satisfy a number of environmental needs, namely regulating climate change, hydrology, water quality and erosion processes, all of which are vital to biodiversity. In this respect, one of the main actions carried out by the Company is the construction of a one-hectare lagoon, thanks to which it has been possible to recover a floodable area and a major 13-hectare extension of peat bog, regenerating local plant life such as *Drosera rotundifolia* (the common or round-leaved sundew) and *Drosera intermedia* (the oblong-leaved or spoonleaf sundew), two protected carnivorous plant species.

## // ACCIONA has one of the Top 100 Ideas of the Year

An ACCIONA Business Innovation project has been acknowledged by the "Top 100 Ideas" awards organized by Actualidad Económica, a Spanish business journal. The winning project, "Co-digestion of sludge", was tried out first in the wastewater plant in Alcantarilla (Murcia, southeastern Spain) as a means of stepping up production capacity using biogas. Lab test results exceed expectations, increasing production by up to 200%. Thanks to this system, the wastewater facility is now energetically self-sufficient and has ceased to consume 2,190kWh a year of grid power. This leads to a number of environmental benefits, such as lower carbon emissions, among others.



### WHAT ACCIONA DOES

we have  
**7,096 MW**  
of proprietary energy

we are in  
**14 countries\***  
all over the world

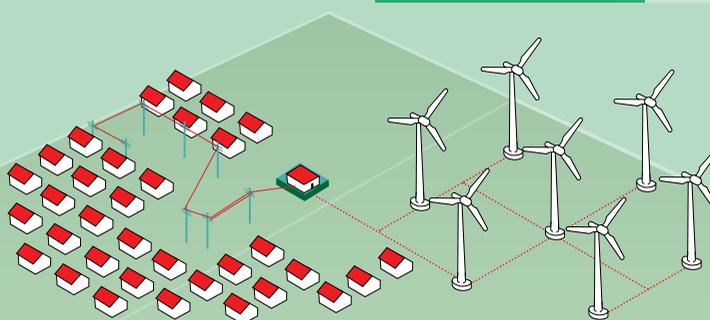
\*To be joined by Costa Rica and South Africa in 2013

Wind facilities installed for our customers **1,472 MW**

Total installed wind capacity worldwide **3%**

we have produced  
**17,376 GWh**  
of clean electricity...

...equivalent to the consumption of  
**4.7 million households**



**232**  
wind farms

**6,141**  
wind turbine generators



# How to get more from less

Thanks to the efforts of ACCIONA's professionals, 2012 saw the introduction of new working methods that have given rise to more sustainable processes, both in economic and environmental terms. These improvements led to 12.4 million euro's worth of savings, far exceeding the 2012 target set by ACCIONA's Sustainability Master Plan.

Process improvement is a source of competitive advantages: innovation, quality, improved performance, cost reductions... The most spectacular savings at ACCIONA came in the Legacy Way tunnel construction project and through a number of improvements made at biomass plants.



*Pictured left, the Legacy Way tunnel (Australia) and, above, the Briviesca biomass plant (Burgos, central Spain).*

Process improvements led to  
**€12.4m**  
 euro's worth  
 of savings

### Legacy Way Tunnel

In 2012, this ACCIONA Infrastructure project in Australia was honored with the Brisbane Lord Mayor's Business Award for "delivering new and better solutions for operational activities", among other achievements. The improvements introduced by the works team translated into 4.8 million euro's worth of savings through the following measures:

- ▶ Installation of an underground conveyor belt for rubble removal; this measure avoided 96,000 truck journeys (also avoiding 190 metric tons of carbon emissions).
- ▶ Transport trains were replaced in the tunnel by two-cabin vehicles fitted with tires.
- ▶ Use of bicomponent mortar for filling in behind tunnel sections, with an accelerator that helped the mixture to gel in 10 seconds. This is the first project in the world to use this solution in a rock tunnel

construction. It has achieved execution times of up to 50m/day.

### Biomass plants

The improvements introduced by ACCIONA Energy at biomass plants have led to savings worth 2.7 million euro, as well as reducing environmental impacts:

- ▶ Sangüesa plant. Improvements in the logistics of biomass supply (more efficient use of raw materials, less wastage) and in the cleaning process (better performance, less down time).
- ▶ Briviesca plant. Installation of a tertiary treatment plant for the reuse of wastewater in the cooling process, leading to reduced water consumption.
- ▶ Miajadas plant. Improved combustion led to an increase in the biomass/MWh ratio per metric ton. ■

#### ONLINE INFO

- <http://www.acciona.com/sustainability/sustainability-master-plan/innovation>

## HEALTH & WELLNESS

Get in to a  
healthy lifestyle

*Your talent  
for a sustainable future*

## Today's habits are tomorrow's state of health

ACCIONA promotes the wellness of its people and makes every effort to provide a healthy working environment through the Company's Health and Wellness program. The latter is based on three basic pillars: healthy eating, exercise and healthcare.



Two images taken from our internal communication campaign on the Health & Wellness initiative.



changes each day leads to medium- and long-term benefits. The following are the main initiatives carried out by ACCIONA:

- **Healthy eating:** A healthy diet means eating the right quality, quantity and variety of food, and it's the key to getting the energy we need for a balanced body. The Company promotes the Mediterranean diet as a way of healthy eating. It's important to know about the seasonal foods in each country.
- **Exercise.** Anyone can get a minimum amount of regular exercise. It's the key to vitality and a long life, it makes your body balanced and it helps ward off or treat illness. A 30-minute walk each day is an absolute must, and ACCIONA has designed a customized circuit to help you get into a healthy exercise routine.
- **Healthcare.** The Company offers a range of activities and services designed to help you improve your health, from in-house medical and prevention services, to a Company-wide epidemiological study. We also offer advice and tips on how to drive safely or how to travel comfortably during your vacation time.

*Professional development, flexibility, compensation, health and wellness are the cornerstones of ACCIONA's value proposal for its people*

Professional development, flexibility, compensation, health and wellness are the Company's main approaches to meeting that commitment. It's a way of displaying that everything that the Company does for its people is aimed at taking good care of ACCIONA's talent pool. A few small changes each day can make a considerable difference. In this case the rewards are high: health and wellness. ■

**T**wo years ago, ACCIONA's Workplace Health & Safety team embarked on an ambitious process aimed at taking a new strategic approach to health and wellness. The first step consisted in carrying out an in-house epidemiological study to analyze biochemical parameters in order to define a new Health and Wellness strategy that would take the shape of a solid, integrated program reflecting the essence of ACCIONA's value proposal for its employees. Occupational risk prevention is gradually shifting towards more sophisticated programs focused on promoting the health and wellness of the people that make up the Company.

### Health & Wellness 2013

Physical, mental and social wellbeing can only be achieved through a continuous process. Making small

**A commitment to our people**  
ACCIONA sees its commitment to its people as something fundamental.

# News round-up...

- Ecuador's Minister for Electricity and Renewable Energy, Esteban Albornoz, visited the **ACCIONA Technology Center** in Madrid.



- ACCIONA Agua was selected **Water Company of the Year** by Global Water Intelligence.

- ACCIONA is to build **the biggest drinking water treatment plant in Gabon** for 50 million euros. The project will be carried out by ACCIONA Agua and ACCIONA Infrastructure and will have a production capacity of **140,000 cubic meters of drinking water per day**.



- ACCIONA was selected as Spain's **best infrastructure company** in the MERCO business and leaders ranking.



- The **"Light in the Home"** project in Oaxaca, Mexico, where the ACCIONA foundation is supplying renewable energy to 800 communities, got underway with the installation of the first solar panels.

## APRIL

- ACCIONA opted to boost its position in the services sector by launching a new brand, **ACCIONA Service**. This umbrella brand will bring together services in the areas of real estate management, internal logistics and processes, security, gardening, cleaning, energy services, waste collection and treatment, event design and organization, and airport handling, among others.



## MAY



- Morocco's Transport Minister, Aziz Rabbah, visited the ACCIONA Trasmediterranea stand at the opening of the **Casablanca transport and logistics fair**. He was accompanied by the Senegalese Transport Minister, Thierno Alassane.

- ACCIONA launched its **"Sustainability for All"** micro website, **sostenibilidadparatodos. acciona.es**, to inform about the challenges of sustainability and offer a public arena for dialogue around how to combine economic and social development with natural resource conservation.



- The Ministry of Economy and Transport for the German state of Hessen awarded ACCIONA Service the license to provide handling services at **Frankfurt Airport** for seven years, up to 2020.



- Voltalia and ACCIONA Windpower signed an agreement for the supply of **210 MW of wind turbine generators (WTGs) in Brazil**.

- ACCIONA signed an **agreement with the Mexican Ministry of Work and Social Security** to improve Occupational Health and Safety best practices in the country's construction sector.



- ACCIONA is to supply electricity to **Acuamed** for the third year running.
- ACCIONA Energy is to install its **first wind farm in Chile**. The Punta Palmeras park (45 MW), consisting of 15 ACCIONA Windpower AW 116/3000 WTGs, will be operating by December 2014.

- ACCIONA began work on **Fujairah desalination plant** in the United Arab Emirates.



- ACCIONA Agua was awarded the contract for the operation and maintenance of the **Drinking Water Treatment Plant (DWTP)** and supply network of the Quiebrajano-Víboras system in Jaen, Spain.
- ACCIONA opened offices in **São Paulo, Brazil**, which will house over 100 employees and bring together in one building all the Company's divisions operating in the region.

## JUNE



- **Bodegas H.A. BARCELÓ**, part of ACCIONA Group, was ranked among the top wine companies in Spain, and 16th worldwide, in a ranking published by the World Association of Wine Writers and Journalists (WAWWJ).

- ACCIONA came **first among infrastructure companies with the best reputation in Spain** according to a study by independent market research institute IPSOS.

- ACCIONA again won the contract to **supply electricity to the Spanish integrated water cycle company, Canal de Isabel II**. It will manage and supply all Canal installations in Madrid, with electricity sourced from renewable energies, throughout 2014.



- ACCIONA joined the **CSR Innolabs** project, a network of companies which aim to promote Corporate Social Responsibility in Latin America under the auspices of the Inter-American Development Bank (IDB).

# Sustainability for All

Find out, learn and share your knowledge  
on sustainability

Presenting a new initiative aimed at making everyone more acquainted with #sustainability and helping make the world a better place. It's a public arena open to engagement, intended to raise awareness and spread the word.

Everyone's free to use it to find out more and learn how to reconcile economic development with social progress and the preservation of biodiversity.

[www.sostenibilidad.com](http://www.sostenibilidad.com)