

Environment, protecting our surroundings

The Company continues to make progress in the implementation of measures to reduce and offset its footprint on the planet, integrating the environmental variable into decision-making and business operations.

2013

Challenges	Advances
<ul style="list-style-type: none"> Reduce the emissions ratio (metric tons of CO₂ generated/sales) by 10% compared to 2009. 	<ul style="list-style-type: none"> 43% reduction in the emissions ratio (metric tons of CO₂ generated/sales) compared to 2009.
<ul style="list-style-type: none"> Reduce the energy consumption ratio (MWh/sales) by 10% compared to 2009. 	<ul style="list-style-type: none"> 43% reduction in the energy consumption ratio compared to 2009.
<ul style="list-style-type: none"> Increase the reporting of ACCIONA's Scope 3 carbon footprint, including 35% of suppliers with purchases greater than €300,000/year, reaching 1,000 suppliers. 	<ul style="list-style-type: none"> Increase in the scope of the greenhouse gas (GHG) emissions inventory in the supply chain to its main 1,000 suppliers (Scope 3).
<ul style="list-style-type: none"> Offset the CO₂ emissions generated by the Company's most representative events. 	<ul style="list-style-type: none"> Offset of emissions from the 2013 General Shareholders' Meeting.
<ul style="list-style-type: none"> Carry out initiatives within the framework of the Sustainable Mobility Plan in order to reduce mobility emissions by 2% (2011 baseline). 	<ul style="list-style-type: none"> Emission reduction goal met (2,834 tonnes of CO₂).
<ul style="list-style-type: none"> Calculate a product's carbon footprint and offset its CO₂ emissions. 	<ul style="list-style-type: none"> The carbon footprint of 12 events organized by ACCIONA Producciones y Diseño was calculated and almost 500 tonnes of CO₂ have been offset since 2012.
<ul style="list-style-type: none"> Consolidate and move forward with the Biodiversity Compensation and Enhancement Program, transferring specific objectives to the main businesses. 	<ul style="list-style-type: none"> Research project in the Company's facilities to preserve wild fauna using camera traps. Collaboration with the Ethology and Biodiversity Research Foundation. Creation of the "Regional Network for the Protection of Threatened Species", in collaboration with the regional government of Extremadura.
<ul style="list-style-type: none"> Analyze and evaluate the environmental actions taken by the businesses. 	<ul style="list-style-type: none"> Identification, analysis and assessment of more than 400 environmental actions carried out by the Company's various businesses.

2013

Highlights
<ul style="list-style-type: none"> ACCIONA avoided the emission of 15.1 million tonnes of CO₂, nearly 8% more than in the previous year. ACCIONA avoided 24 times the CO₂ generated in its production activities. The Company reduced its CO₂ emissions by 21% compared to 2012. ACCIONA reduced its energy consumption by 15% compared to the previous year. ACCIONA generated a positive water footprint on the planet with a positive net contribution of 562 hm³. Reused and recycled water account for nearly 30% of the Company's total water consumption. ACCIONA implemented 112 solutions and identified another 59 measures for improvement within the framework of PLAN 10+, which manages the Company's main environmental problems.
<ul style="list-style-type: none"> 87% of ACCIONA's revenue is certified under ISO 14001. ACCIONA was selected to form part of the 2013 "Catalogue of Good Business Practices in Biodiversity Management" by the Excellence in Sustainability Club, in collaboration with the Spanish Ministry of Agriculture, Food and Environment. The eBook entitled "Our Environmental Behavior", which includes the Company's environmental efforts, was published and promoted. ACCIONA was the only Spanish company that participated in the Ecosystem Working Group, of the World Business Council for Sustainable Development (WBCSD).

2014

Challenges
<ul style="list-style-type: none"> Improve the ratio of CO₂ emissions avoided to CO₂ emissions generated by 12.5% (2009 baseline). Reduce the energy consumption ratio (energy/sales) by 12.5% (2009 baseline). Increase the positive net contribution of ACCIONA's water footprint by 4.5 times compared to the 2009 baseline. Increase the reporting of ACCIONA's Scope 3 carbon footprint to reach 1,500 suppliers. Offset the CO₂ emissions generated by the Company's most representative events. Launch new service offerings for customers regarding the offsetting of their emissions.
<ul style="list-style-type: none"> Consolidate ACCIONA's system for preventing and mitigating the main environmental risks associated with the business activities of its divisions. Carry out new unique initiatives within the framework of ACCIONA's Biodiversity Compensation and Enhancement Program, and monitor and control the actions executed.

Creation of value through the environmental variable

The fight against climate change, sustainable use of natural resources and biodiversity protection constitute the main elements of ACCIONA's environmental strategy.

The Company considers the environmental variable, when making decisions and in its business operations, with the main purpose of reducing the environmental effect of its activities. This is reflected in its commitment to low-carbon business models, in the accountability of its environmental performance and in the objectives established regarding continuous improvement and environmental commitments within the framework of its 2015 Sustainability Master Plan (SMP 2015).

Three specific environmental policies

ACCIONA has three specific policies included in the Policy Book, which reflects the commitments and principles applicable to all lines of business in all countries in which the Company operates: Environmental Policy, Climate Change Policy, and Biodiversity Policy (available on the Company's website: <http://www.acciona.com/sustainability/sustainability-master-plan/environment>)

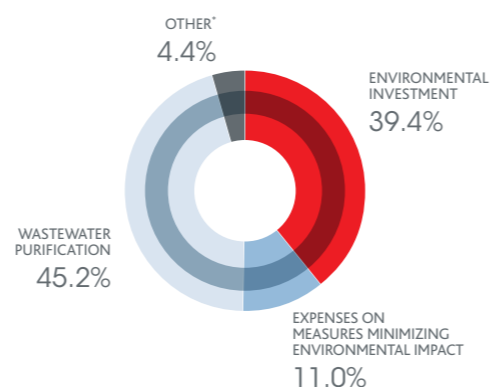
Compliance with ACCIONA's commitment to the environment is driven by senior management and concerns all those who work at the Company, whereby this commitment is transferred to the value circle and evaluated by third parties.

Environmental effort in figures

In order to calculate the environmental financial figure, the expenses and investments associated with environmental business activities, such as water purification and electricity production using renewable energy, have been taken into account. The Company allocated €518.5 million to its environmental activities in 2013. Environmental expenses amounted to €80 million, investments totaled €204 million and €234.5 million related to wastewater purification (expenses plus investment). ACCIONA's economic efforts also contribute to the prevention of impacts to the environment and the improvement of its environmental performance.

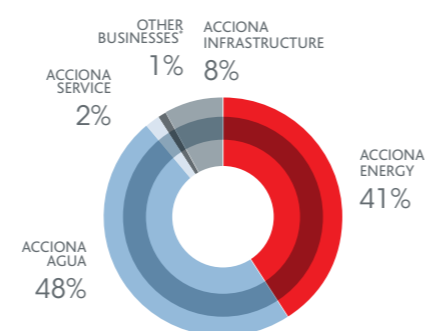
In 2013, ACCIONA obtained tax relief amounting €0.3 million as a result of carrying out actions that promote environmental respect and protection. Accordingly, ACCIONA Agua obtained grants from Ente Vasco de la Energía (EVE) to replace equipment and installations in plants using high-efficiency technologies that reduce energy consumption and, therefore, CO₂ emissions. The Spanish Port Authorities also gave ACCIONA Trasmediterranea tax relief as a result of applying good environmental practices certified by accredited independent entities.

→ Breakdown, by category, of ACCIONA's financial environmental figures in 2013



* Personnel; environmental research, development and innovation; insurance and taxes; training; environmental management system; fines; environmental communication and awareness raising; environmental advisory and consulting activities.

→ Breakdown, by division, of ACCIONA's financial environmental figures in 2013



Organizational culture to integrate the environmental variable into business operations

ACCIONA's high level of commitment to the environment is put into effect, at an organizational level, by specifically qualified personnel at all functional, hierarchical and geographical levels.

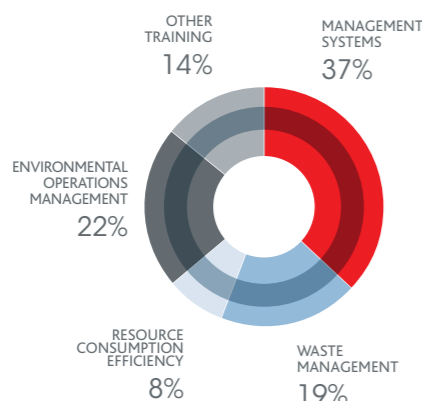
Within the framework of the SMP 2015, the implementation of initiatives and achieving objectives in the Environment Area are brought to the attention of the Sustainability Committee of the Board of Directors.

QUALIFIED PERSONNEL	
General Area of Innovation, Environment and Quality	This branch of management, which reports directly to the Chairman, defines environmental policies and establishes strategic priorities with regard to the environment, thereby promoting and leading the Company's various initiatives focused on reducing and offsetting its footprint on the planet.
Environment and Quality Director	In each business division, this person transmits corporate policies and strategies, and integrates and coordinates the business' network of supervisors and technicians that implement the environmental actions and objectives for each activity, center, area and/or technology.
Environment, Quality and Processes Committee	This Committee was established in 2011 and is made up of the environmental and quality management team of the corporation and of the business divisions. The Committee's objectives include ensuring that the Company's environmental and quality strategy is in line with the growth of its businesses. It also monitors the strategic objectives, and environmental impacts, mitigation measures and risks on a monthly basis, and oversees the Company's Environment and Quality Communication Plan.
Personnel with environmental responsibilities	In 2013, ACCIONA had 190 equivalent employees responsible for environmental issues.

Environmental training

In 2013 ACCIONA's employees received 56,861 hours of environmental training, up 80% on the previous year

→ Breakdown of hours of training by subject in 2013 (%)

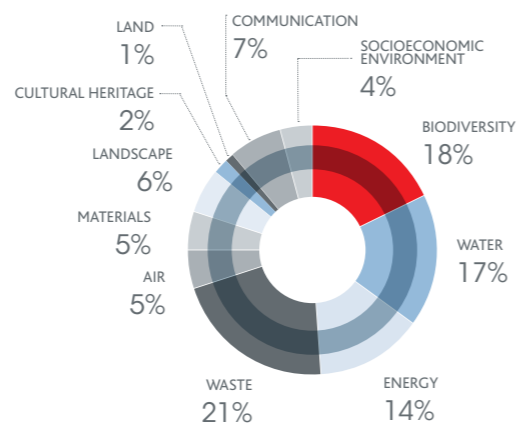


Good practices and unique environmental actions

ACCIONA identifies, analyzes and assesses the environmental actions carried out by the various businesses, in order to recognize and publicize the most significant actions within the organization and reproduce them if necessary.

In collaboration with the Expert Panel on the Environment and Biodiversity, ACCIONA assesses all actions and selects the *unique actions*, in other words, those that are noteworthy of mention as a result of their positive net effect on the environment, their innovative nature or scientific and/or social interest. In 2013, 400 environmental actions were identified, analyzed and assessed, of which 40% relate to ACCIONA Agua, 30% to ACCIONA Infrastructure and 17% to ACCIONA Energy.

→ Main fields of environmental actions analyzed in 2013



TOTAL HOURS OF ENVIRONMENTAL TRAINING BY DIVISION IN 2013	
ACCIONA Energy	3,575
ACCIONA Infrastructure	33,598
ACCIONA Agua	16,442
ACCIONA Service	3,119
Other Businesses	127
TOTAL	56,861

Comprehensive environmental management

Principles of ACCIONA's environmental management model

This model, which is based on the principles of continuous improvement, establishes a common framework for action that enables the coordination of the various environmental management systems of each of the divisions.



ACCIONA's environmental management systems are verified and certified by accredited independent entities in accordance with UNE-EN ISO 14001:2004. 87% of revenue was certified in 2013¹.

Within the tasks of registering and classifying the incidents and adopting corrective and prevention measures, ACCIONA also identifies environmental near-misses. In 2013, the Company recorded 62 near-misses, relating to small wastewater spills, a slight HTF leak, confined spills of chemical substances, etc. An analysis of these types of events enables the Company to establish corrective measures that will allow accidents to be avoided and improvement opportunities to be detected.

Sample of 2013 environmental objectives set with a focus on continuous improvement	Degree of compliance
ACCIONA Agua	
Decrease the volume of the sludge tanks in the Monteagudo wastewater treatment plant (Spain) by 5% compared to 2012.	100%
Improve performance in eliminating the Chemical Oxygen Demand (COD) of the Falset wastewater treatment plant (Spain) by 3% compared to 2012.	100%
Reduce the consumption of drinking water at the Munguia wastewater treatment plant (Spain) compared to 2012.	89.22%
ACCIONA Infraestructure	
Implement at least one environmental good practice in the projects awarded in 2013 or that were less than 80% complete at 1/1/2013.	83%
Change retreaded tires of trucks, forklifts and truck trailers to obtain an economic savings of 35% and a 75% reduction in waste.	100%
ACCIONA Energy	
Obtain ISO 14006 certification, a standard implementing ecodesign, in ACCIONA Windpower (AW 3.0 turbine).	100%
Reduce the number of environmental incidents, accidents and complaints in all technologies. Number of significant environmental incidents equal to zero; other environmental incidents < 18.	50%*
ACCIONA Trasmediterranea	
Tax relief in the growth rate as a result of good environmental practices in the Ports of Barcelona and Las Palmas (Spain).	100%
Study of Environmental Indicators trend.	50%**
Hijos de Antonio Barceló	
Life cycle assessment of a product.	100%
Carbon footprint: measurement and offsetting.	100%

1. The international/domestic business ratio increased considerably with regard to the previous year; however, international certifications did not increase at the same rate, since the certification process entails an imbalance with regard to the commencement of the activity in a country. Therefore, certifications fell from 90% in 2012 to 87% in 2013.

* 8 environmental incidents in total; three of which are significant.
 ** Study carried out on the consumption and waste situation; final document has yet to be approved.

Environmental impact assessment and management

The Company's preventative approach is also evident through the assessment of the environmental impact of its projects. In 2013, there were 12 projects in progress, subject to an Environmental Impact Study (EIS). Eleven of these projects were being processed by the competent public authorities of Chile, Colombia, Spain and Mexico. It should be noted that ACCIONA obtained the positive Environmental Impact Statement for the first wind power plant of ACCIONA Windpower in Brazil.

Over the course of the year, ACCIONA also implemented Environmental Supervision Plans (ESP) in 195 facilities under construction, operation and maintenance, along with specific environmental follow-up actions in 98 facilities, with more than 170 studies relating to populations of certain species of fauna, forest and fire prevention treatments, noise reduction, and control and follow-up of other possible impacts on the ecosystems.

Under PLAN 10+, ACCIONA has developed a basic tool for managing, for the purpose of continuous improvement, the main environmental problems affecting its business divisions. Once

ACCIONA Infrastructure ensures the implementation and follow-up of the environmental measures in all of its projects

In 2013, 55 centers operated by ACCIONA Infrastructure obtained the Environmental Impact Statement in this field in Spain. Similarly, 187 of the 206 active projects in Spain incorporate ACCIONA Infrastructure's environmental management system certified under ISO 14001. The remaining 19 projects operate under temporary joint ventures and use the management system of the related partner.

In 2013, in consortium with the local firm INFOREST, ACCIONA Engineering drafted the Environmental, Economic and Social Impact Study for the new Brunca International Airport in Costa Rica, and participated in other studies such as the reservoir project in the Bergantes river in the municipality of Aguavia in Aragón (Spain); the additional regulation project for the Carrión river in Palencia (Spain); and the expansion project for the Malvecino reservoir in Aragón (Spain).

the ten main problems were identified and determined, in 2013 the Company implemented 112 solutions and identified 59 improvement measures in order to prevent and minimize the impacts associated with each of these problems.

INITIATIVES CARRIED OUT WITHIN THE FRAMEWORK OF PLAN 10+ THROUGHOUT 2013

<p>Strengthening global management of environmental legal requirements</p>	<p>Training session on the online tool for applicable regulations and requirements. The objective was to promote its implementation by displaying its functions and possibilities. The environmental supervisors that are involved in managing compliance of the businesses' environmental legal requirements attended the training session.</p>
<p>Acoustical improvement actions in ACCIONA Agua's facilities</p>	<p>The Acoustical Assessment Project was carried out in two of ACCIONA Agua's facilities (wastewater treatment plant and drinking water treatment plant of Cáceres (Spain)). This resulted in an Acoustical Assessment Project for carrying out improvement measures. The final measurements showed that the values were significantly above that required by current legislation in force, reaching improvements of up to 24 dB.</p>
<p>Avifauna conservation initiatives</p>	<p>Unique initiatives focused on improving habitats and increasing the populations of protected species:</p> <ul style="list-style-type: none"> ■ ACCIONA's facilities for the protection of threatened species. In 2012 and 2013, approximately 400 nesting boxes were placed in the Company's various facilities. ■ Regional Network for the Protection of Threatened Species. A project aimed at the installation of three food points in order to promote species of threatened or endangered birds of prey.

ACCIONA's Environmental Risk Management

Within the framework of ACCIONA's Risk Management Policy and with a preventative approach, ACCIONA promotes the integration of environmental risk management in its business operations for the purpose of improving its capacity to mitigate such risks.

ACCIONA has a Corporate Environmental Crisis Management System that establishes guidelines for acting in the case of an environmental crisis. Once a situation of this type is detected, the Environmental Assessment Team provides support to the Corporate Crisis Assessment Committee in managing the crisis. The Corporate Crisis Management Regulations allow the Company to systematically identify the risks that may give rise to an environmental incident and determine the processes, guidelines and responsibilities in the case of a crisis situation.

In 2013, ACCIONA carried out specific environmental risk management initiatives at the business division level. The Company also performed the Environmental Risk Audit, which identified and assessed the main environmental risks of the 39 activities considered. A total of 86 supervisors from the various Environment, Works, and Operation and Maintenance Departments participated in this audit, whereby a map was obtained with the environmental risk rating of a total of 480 events.

Environmental risk management pilot project carried out in the facilities

At the operating center level, in 2013 ACCIONA carried out the Environmental Risk Management Pilot Project in six representative facilities of each one of the divisions and lines of business. To this end, the official computer tool developed by the Spanish Ministry of Agriculture, Food and Environment was used.

The purpose of this project was to promote and transmit to the entire organization the responsibility of effectively preventing potential damage to the environment during the design, construction, operational and maintenance phases of the facilities, as well as the adequate repair thereof, should such damage take place.

The project also focused on calculating the economic value of the environmental damage, and on an estimate of the obligatory nature of providing financial guarantees, in accordance with Spanish law regarding environmental responsibility. Consequently, it does not follow that ACCIONA must provide a financial guarantee for the six facilities analyzed.

Leadership in the fight against climate change

For ACCIONA, the fight against climate change is a strategic priority and, therefore, ACCIONA's activities are carried out based on a low-carbon business portfolio which:

- Reduce or mitigate the adverse effects of climate change.
- Decrease greenhouse gas (GHG) emissions to the atmosphere mainly through renewable generation.
- Promote energy savings.
- Respond to global demands regarding renewable energy, sustainable infrastructures, water and services.

ACCIONA also extends its commitment to fight climate change to the entire value chain through:

- Collaboration and cooperation with other companies, public institutions, social organizations, suppliers and other stakeholders.
- Awareness-raising and training.
- Transparent and comprehensive information on this subject.

Risks and opportunities associated with climate change

ACCIONA works on identifying and managing the risks associated with climate change, in accordance with the Company's Global Risk Policy.

In 2013, a study was carried out on the risks associated with climate change. As a result of this analysis, ACCIONA determined possible mitigation actions and future scenarios mainly in view of the risks to changes in physical parameters, regulatory changes and reputational risks.

In 2013, ACCIONA avoided the emission of 15.1 million tonnes of CO₂ to the atmosphere

Commitment to businesses that contribute to avoiding and reducing emissions

ACCIONA works with seven clean technologies in more than 20 countries, in its quest for global solutions aimed at generating electricity and combating climate change.

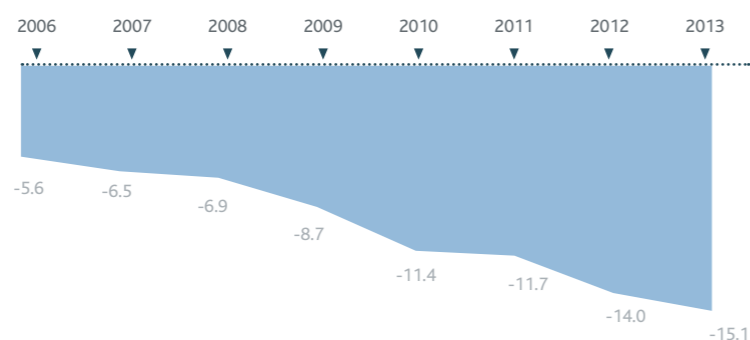
In 2013, ACCIONA avoided the emission of 15.1 million tonnes of CO₂ to the atmosphere, mainly as a result of its renewable energy activities.

In 2013, the Company increased the emissions avoided by 8.6% compared to the previous year as a result of generating electricity from renewable energy sources.

The Company's other businesses in turn indirectly contribute to avoiding emissions. This is the case of the wind turbines manufactured by third parties, biofuels, eco-efficient buildings and the transportation of employees to offices using public transportation. A total of 254 thousand metric tons of CO₂ emissions were avoided in 2013 as a result of these four initiatives.

The majority of the emissions avoided relate to Spain. However, the weight of emission avoidance is becoming increasingly more important thanks to other countries such as Australia, Canada, the USA and Mexico.

→ CO₂ emissions avoided (millions of metric tons)



→ Installed capacity, renewable energy output and emissions avoided by country in 2013*

Country	Installed capacity (MW)	Output (GWh)	Emissions avoided (tonnes of CO ₂)
Germany	150	243	194,318
USA	692	2,118	1,560,987
Australia	305	1,010	814,283
Canada	181	554	382,602
Croatia	30	65	43,555
Greece	48	125	94,469
Italy	156	236	130,481
Hungary	24	50	30,149
India	86	246	209,709
South Korea	62	205	152,856
Portugal	155	321	198,696
Mexico	557	1,863	1,003,991
Poland	71	108	97,370
Spain	5,989	15,237	9,919,053
TOTAL	8,505	22,381	14,832,518

* Weekly trends in emissions avoided by ACCIONA as a result of renewable production are indicated by an emission meter on the Company's website: <http://www.accion.com/emissions-meter>

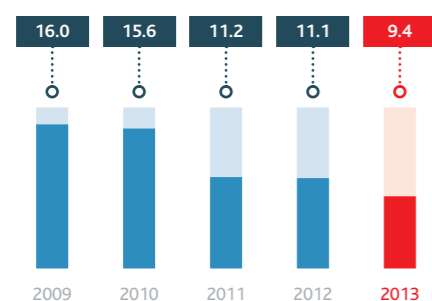
Energy consumption reduction

ACCIONA reduced energy consumption by 15% in 2013 compared to the previous year, and by 41% compared to 2009, with a total consumption of 9,440 TJ in 2013.

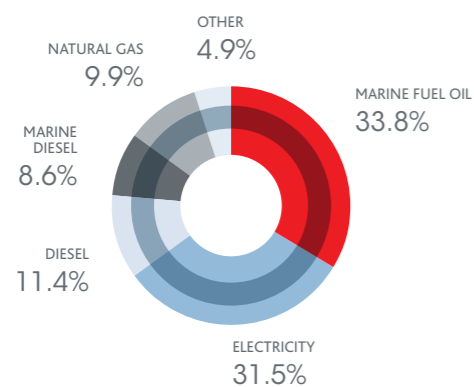
Trasmediterranea consumed 4,004 TJ and continues to be the group's line of business with the largest energy consumption. However, consumption dropped sharply as a result of implementing energy

efficiency measures and as a result of the decrease in its business activities in 2013. Similarly, consumption in ACCIONA Energy decreased as a result of regulatory changes regarding the use of natural gas in solar thermal production in Spain. It should also be noted the increase in the share of the Company's electricity consumption due to the growth of ACCIONA Agua's activities.

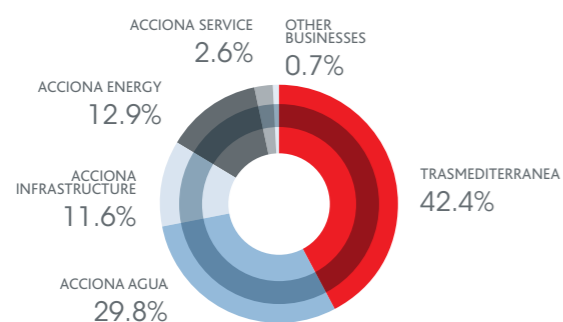
→ Energy consumption (PJ)
(1PJ = 277.7GWh)



→ Energy consumption by source 2013

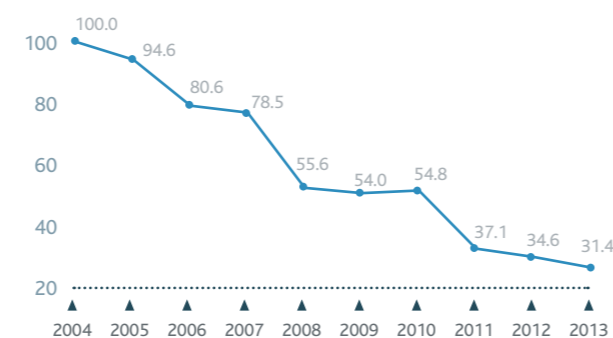


→ Energy consumption by line of business 2013



For the ninth consecutive year, the ACCIONA's energy intensity level has fallen, and is 10% lower than the previous year.

→ Energy intensity index (TJ/sales), baseline 100 for 2004



Purchase of green energy in the international sphere

In 2013, 61% of the electricity acquired by the Company in Spain was from renewable energy sources. In order to extend the acquisition of this type of electricity to the international sphere, a working group was created, and its objectives are as follows:

- Identify those countries in which ACCIONA carries out its activities with significant electricity consumption and, in particular, in which ACCIONA produces renewable energy.
- Analyze the renewable energies regulatory framework in these countries.
- Select the countries with the most favorable conditions in order to implement the acquisition system.

External energy consumption

The most significant energy consumption outside of the organization is the energy consumption associated with the following activities, calculated in accordance with the Company's Scope 3 categories:

→ 2013 External energy consumption (GJ)

Item		
Assets leased to the organization		2,527,442
Assets leased by the organization		7,381
Employees commutes to work		403,768
Business trips		199,248
Waste from the organization		228,718
Waste arising from products sold by the organization		2,024
Suppliers: Purchases of goods and services	Products, Services and Raw Materials	6,154,470
	Fuel consumption	1,181,130
	Electricity consumption	165,170
	Transport	918,410
TOTAL (GJ)		11,787,761

Promoting energy efficiency among customers

ACCIONA Service provides added value to its actions by analyzing and proposing energy improvements in its customers' facilities. In 2013, this business carried out a total of nine integrated audits for seven customers of the food, automotive and health sectors.

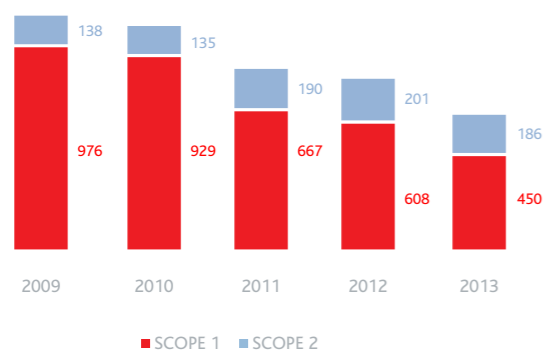
With regard to the automotive assembly facilities, the energy studies carried out by ACCIONA Service, submitted as an integral part of the Company's offers, allowed it to determine measures for the joint savings of up to €700,000 per year in energy costs. These actions are based on the use of efficient combined cycle heat or lighting recovery systems in press areas.

Accordingly, ACCIONA Green Energy Developments designed a 2013-2015 Demand Management Plan which consists of a series of services for customers and awareness-raising initiatives that seek to encourage these customers to change their electricity consumption habits for others that are more environmentally and economically sustainable. These initiatives are especially aimed at improving the energy efficiency of the customers' facilities, analyzing the load curve, and promoting the use of electricity from fully renewable energy sources as an alternative to using other traditional energy sources.

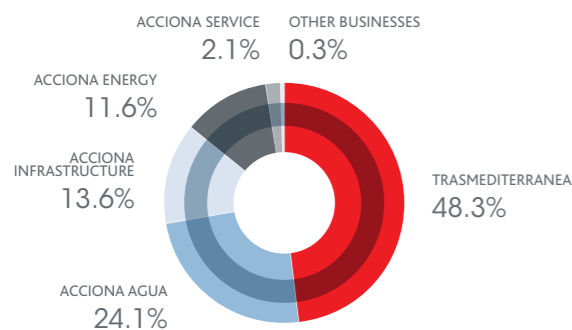
Reduction in emissions generated

En 2013, ACCIONA's CO₂ emissions decreased by 21% compared to the previous year, and by 43% compared to 2009, the baseline. Total CO₂ emissions generated by the Company amounted to 635,843 metric tons. The purchase of electricity from certified renewable energy sources had a significant impact on this reduction, as the upward trend of the Company's Scope 2 emissions over the last two years was reversed, reaching a total of 186,175 tonnes of CO₂.

→ **Trend of emissions generated** (thousands of tonnes of CO₂)



→ **CO₂ emissions by line of business**



Calculation of emissions generated

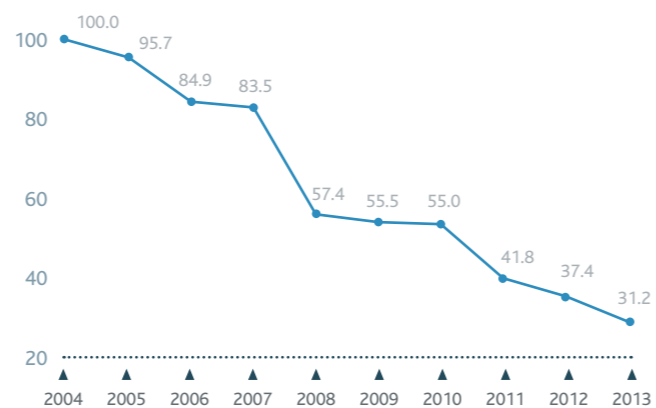
Once all energy consumption information is gathered, the Company calculates the CO₂ emissions generated in accordance with the criteria defined in the GHG Protocol.

The steps used are those indicated by:

- The Intergovernmental Panel on Climate Change (IPCC), in the 2006 IPCC Directives for greenhouse gas inventories.
- The International Energy Agency and Red Eléctrica de España.
- Department for Environment, Food and Rural Affairs, of the United Kingdom.
- The European Environment Agency.

Accordingly, and for the ninth consecutive year, ACCIONA's carbon intensity index was reduced, and is 17% lower than the previous year.

→ **Carbon intensity index (tCO₂/sales), baseline 100 for 2004**



Scope 3 emissions

Scope 3 of the emissions analyzed by ACCIONA includes the following categories: assets leased to the organization and by the organization, employee commutes to work, business trips, waste from the organization, waste arising from products sold by the organization and suppliers-purchases of goods and services.

In 2013, the Company enhanced its system for obtaining emission data from suppliers. In this regard, data was obtained

from a total of 1,000 suppliers of all divisions and CO₂ emissions equal to 25% of the Company's total purchases were calculated. These emissions amounted to 0.7 million tonnes of CO₂.

As a result of the work carried out, information was ascertained regarding those phases of the value chain where the CO₂ output is the highest, as well as the most emission-intensive suppliers, both from the point of view of their activity and of the business division supplied.

→ **Scope 3 emissions trend (tonnes of CO₂)***

Item	2012	2013	
Assets leased to the organization	148,222	192,609	
Assets leased by the organization	597	463	
Employees commutes to work	27,950	29,417	
Business trips	14,408	13,959	
Waste from the organization	14,028	16,948	
Waste arising from products sold by the organization	131	150	
Suppliers: Purchases of goods and services	178,462	Products, Services and Raw Materials	515,013
		Fuel consumption	81,994
		Electricity consumption	10,828
		Transport	66,981
Total (tCO₂)	383,799	928,363	

* The increase in emissions compared to 2012 is due mainly to the increase in the scope of the data reported.

CO₂ emissions subject to the European Union's GHG emission allowance trading scheme

In 2013, the new 2013-2020 period began for the European Union's GHG emission allowance trading scheme, under which the amount of emission allowances attributed to the European Union as a whole will progressively decrease.

ACCIONA has five solar thermal facilities subject to the community emission

allowance trading scheme that use natural gas as an auxiliary energy source. These facilities have technical improvements available to minimize their CO₂ emissions into the atmosphere, as well as an unallocated surplus of emission allowances from previous periods amounting to 23,767 metric tons of CO₂. According to the list of rights for using international credits, the maximum amounts of CERs and ERUs that these facilities may exchange for emission allowances were determined.

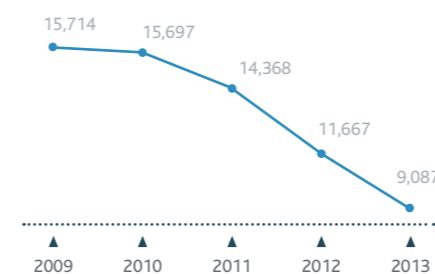
→ Facilities subject to the community emission allowance trading scheme

Facility	Technology	Emissions verified in 2013 (tonnes of CO ₂)	Unallocated surplus of emission allowances from previous years (tonnes of CO ₂)	Rights for using international credits for the 2008-2020 period (tonnes of CO ₂)
Palma del Rio I	Solar thermal	2,553	7,626	2,607
Palma del Rio II	Solar thermal	2,651	1,181	3,334
Majadas	Solar thermal	3,800	13,754	3,081
Alvarado	Solar thermal	1,908	1,206	3,940
Orellana	Solar thermal	1,347	0	0
TOTAL		12,259	23,767	12,962

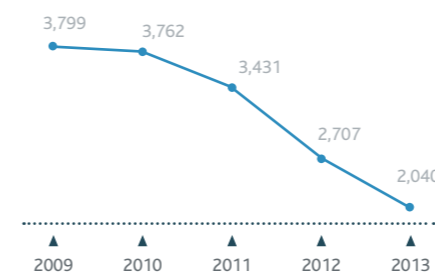
Other emissions

There was also a notable decrease in recent years in ACCIONA's NO_x and SO_x emissions related to fuel consumption (down 22% and 25% on the previous year, respectively).

→ NO_x emissions (tonnes)



→ SO_x emissions (tonnes)



Similarly, the amount of sulfur hexafluoride (SF₆) emitted into the atmosphere was estimated based on the inventory taken of the Company's equipment that contain this type of compound. In 2013 these emissions were estimated at 0.4 tonnes.

Lastly, ACCIONA's biogenic emissions in 2013 amounted to 469,347 tonnes of CO₂.

Plans to reduce energy consumption and emissions in all business divisions

Within the framework of its Climate Change Policy, the Company prepares plans and programs for reducing energy consumption and emissions which include two phases:

PHASE 1: INITIAL STUDIES AND ANALYSIS OF MEASURES TO BE IMPLEMENTED

OBJECTIVE:
To identify the activities with the greatest potential for emissions reduction

CASE STUDY
As a result of the ISO 50001 energy certification obtained with regard to the activities of ACCIONA Agua, the Company identified opportunities for optimizing energy consumption at all types of activity centers.

As a result of implementing measures such as resizing the pumps and aerators, changing the control systems or contracting electricity from certified renewable energy sources, two of the centers analyzed (Amorebieta wastewater treatment plant and Úbeda Service in Spain) expect to reduce emissions by up to 185 metric tons of CO₂ per year.

PHASE 2: IMPLEMENTATION AND MONITORING OF MEASURES

OBJECTIVE:
To attain maximum efficacy in the actions implemented

CASE STUDY
In 2013 ACCIONA Trasmediterranea completed the project to paint its ships using fluoropolymer paints. The purpose of this project, which took three years, is to reduce fuel consumption.

This type of paint has a finish that is much less rough than that of traditional paints, which enables the vessels to glide more easily through the water. It is estimated that this measure will have an annual savings of more than 17,000 tonnes of CO₂ and more than 60,000 MWh in energy consumption, having amortized the initial investment within a short period of time.

Sustainable mobility

ACCIONA structures its actions to reduce emissions with regard to mobility in three different areas: logistics chain, business trips and employee commutes to work.

In 2013, ACCIONA reduced mobility emissions by 2%. The target is to bring about a 10% reduction, by 2015, of the 141,675 tonnes of CO₂ generated in 2011. To this end, specific measures are being carried out in each of the three areas.

Employee commutes to work

The Company promotes collective transportation and the use of transportation means that are respectful to the environment, such as the bicycle. Emissions of this kind increased slightly in 2013 (up 5%) due to the increase to the Company's workforce.

Business trips

Emissions resulting from business trips in 2013 decreased by 3% compared to the previous year as a result of restrictions with regard to renting vehicles for individual trips. With the incorporation of 141 new eco-efficient vehicles in 2013, in addition to the vehicles of this kind which the Company already owns, the emission of almost 780 tons of CO₂ was avoided. 2% of the vehicle fleet is made up of hybrid vehicles. ACCIONA continues to focus on the use of electric vehicles, and already has a total of 179 vehicles of this type, including rental cars and vehicles for industrial purposes.

Logistics chain

In order to renew the Company's collective transportation service agreement, one of the technical requirements when assigning the contractor is that the transportation offered must generate less atmospheric emissions. It is estimated that this method of contracting will give rise to an 8% reduction in carbon monoxide (CO), a 35% drop in NO_x, and a 76% decrease in particles.

Use of flexible mechanisms of the carbon markets

ACCIONA actively participates in the development of projects associated with the fight against climate change in developing and emerging countries, and supports the transfer of clean technologies through the use of flexible mechanisms, such as the Clean Development Mechanism (CDM). In 2013, a total of nine projects were undertaken in Mexico, India, South Korea and Costa Rica, which together amount to more than 700 MW of renewable installed capacity.

Similarly, ACCIONA continues to take part in the voluntary carbon market through the Verified Carbon Standard (VCS) program, with two wind power projects in the US with a joint capacity of 255 MW. Since their start-up and until the end of 2013, these projects generated an emissions savings of more than 4.5 million tonnes of CO₂.

Voluntary CO₂ emissions offsetting

Within the framework of ACCIONA's environmental commitment, in 2013 the Company undertook actions to offset its own CO₂ emissions and those of its customers.

With regard to its own emissions, ACCIONA offset the emissions from three of the Company's representative events:

- The General Shareholders' Meeting
- The monthly Process, Quality and Environment Committee meetings
- The monthly Innovation Committee meetings.

In these cases, voluntary carbon credits from the "Mirador Project" in Honduras, which has a Gold Standard certificate, were acquired in order to offset emissions.

ACCIONA Corporate University - Carbon Neutral in 2013

The Company voluntarily offset the emissions associated with all hours of training given by ACCIONA's Corporate University in 2013 (more than 65,000 hours).

The emissions were offset through two projects located in the provinces of Anhui and Hebei in China, which implied an energy consumption reduction in facilities of the steel and cement sectors, in addition

to a reduction in water consumption and the training and creation of employment in local communities.

12 carbon-neutral events for customers

ACCIONA Producciones y Diseño (APD) has been developing carbon neutral events for its customers since 2012 (www.eventossostenibles.com). In addition to minimizing and offsetting emissions, in these events the Company focuses on selective waste management, promoting accessibility, or contracting fair trade catering and organic food.

In 2013, 100% of the events organized for customers by APD were carbon neutral, thereby avoiding the emission of up to 500 tons of CO₂.

In addition, APD obtained international acknowledgements for the sustainability of its events such as the gold or silver elephants of the "European Best Event Awards" or silver or bronze medals of the "Evento Plus" awards.

Water management and treatment

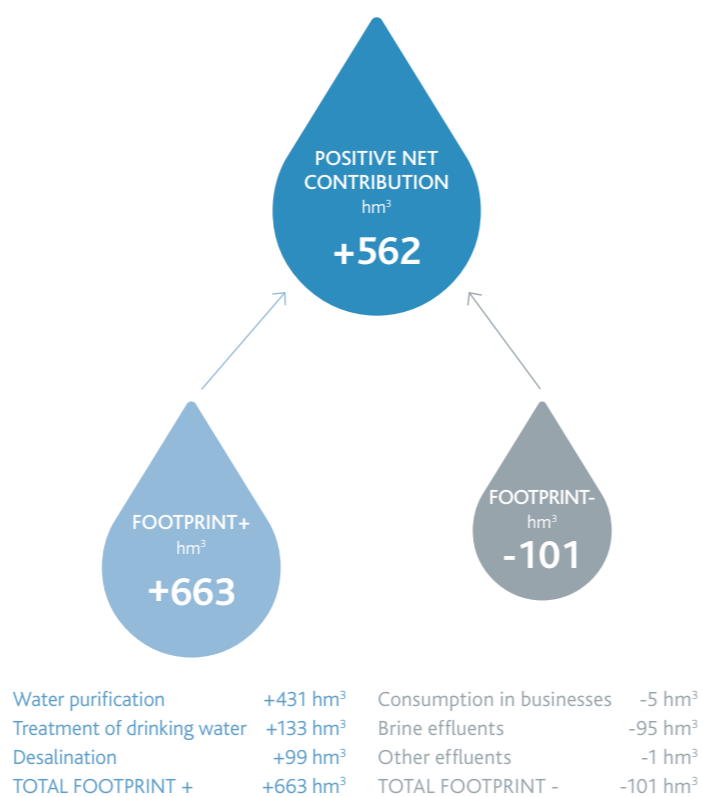
With regard to water management and treatment, ACCIONA's strategy is based on promoting innovative processes and solutions in order to provide a response to the growing social demands for products and services that optimize water use and management. ACCIONA purifies, desalinates and makes drinkable water for more than 70 million inhabitants worldwide.

Water footprint

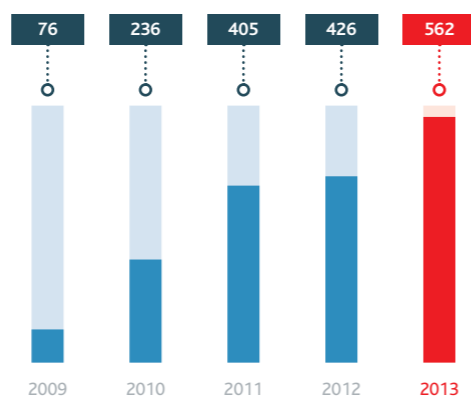
The Company calculates its water footprint on the basis of two international methodologies: Water Footprint and Global Water Tool from the World Business Council for Sustainable Development, which consider both the impact on reserves of water resources and the change in water quality.

In 2013, ACCIONA's balance sheet clearly favors the environment, with a positive water footprint on the planet of 562 hm³, a figure which is equal to an annual domestic consumption of seven million inhabitants and which represents a 32% improvement compared to 2012.

ACCIONA Agua has contributed considerably to the Company's positive water footprint, given that purification and drinking water activities represent an improvement in the quality of the water, without a significant impact on the water resources.



→ ACCIONA's positive net contribution (hm³)

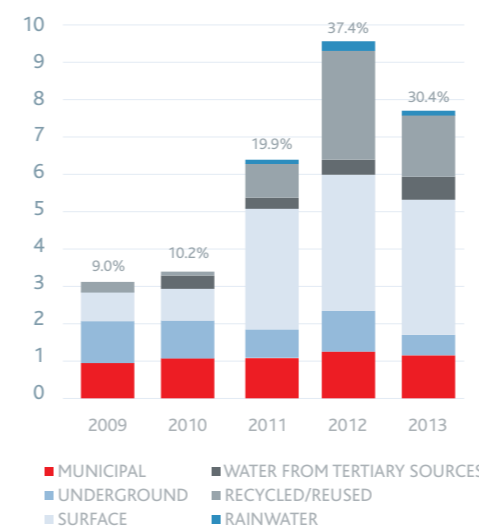


In 2013, the treatment plants managed by ACCIONA desalinated, made drinkable and purified 663 hm³ of water, up 29% on 2012, mainly as a result of water purification.

With regard to water consumption, in 2013 ACCIONA reversed the growing consumption trend of recent years, as there was a 19% decrease compared to 2012 as a result, among other actions, of the water consumption reduction programs implemented in the facilities.

In addition, the Company remains steadfast in its commitment to use recycled water, reused water, water from tertiary sources and rainwater. Therefore, water from these sources rose to 30% of total consumption in 2013.

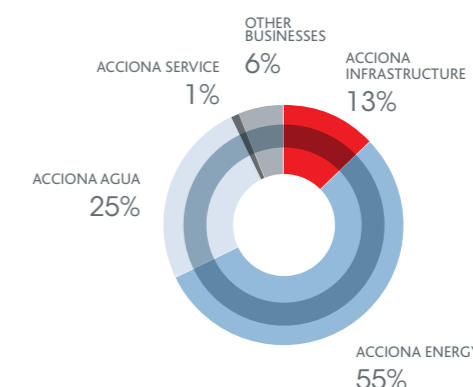
→ Water consumption trend (hm³)



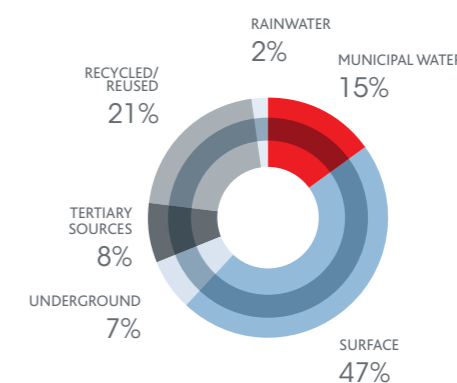
→ ACCIONA's managed water volume evolution (hm³)

Type	2010	2011	2012	2013
Desalinated water	104	98	121	99
Drinking water	27	35	51	133
Treated sewage water	182	376	396	431
TOTAL	313	509	568	663

→ Distribution of water consumption by line of business, 2013



→ Water consumption by source, 2013



ACCIONA has focused its efforts on reducing the water consumption of those activities that have proven to be the most water intensive in terms of use. The following actions for reducing consumption in 2013 are worthy of note:

■ REUSE OF TREATED WATER IN THE CONSTRUCTION OF TUNNELS

ACCIONA Infrastructure uses systems to optimize water use in its projects, which considerably contribute to reducing their consumption. Drilling tunnels with a roadheader is one of the most water-intensive operations.

For example, in 2013, during the construction of the tunnels of Antzuola, Spain, ACCIONA reused 34,000 m³ of water obtained in the project's sludge treatment plant. Reused water represented 73% of the total water consumed. This practice helped to reduce both the volume of water obtained and the volume of purified water poured into the Deskarga river.

■ GARDEN SERVICES WITH EFFICIENT WATER USE

ACCIONA Service carried out actions to offer garden services that use less water, including the following:

- Use of plants that require less water in the Martorell parks and in the green

areas of AENA Barcelona (an estimated savings of 35%).

- Planting of native species that are more adapted to the environmental conditions.
- Implementation of localized, programmed and automated irrigation systems in the gardens in León and Lorca in Murcia (Spain). There was a 25% savings in water consumption in the case of localized systems and 10% as a result of planning measures.

With regard to water capture and spills in the Company's facilities, these activities are carried out under circumstances that do not significantly affect the water resources in terms of water quality and volume.

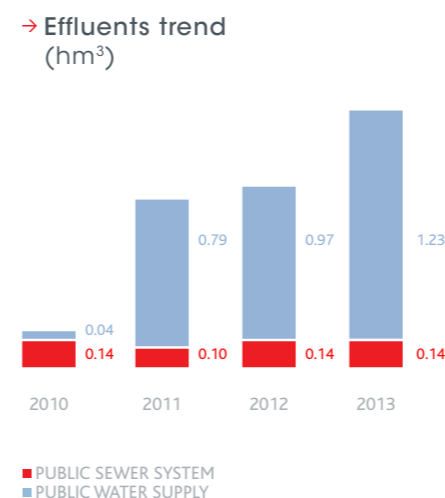
In order to measure the impact on the bodies of water, certain biodiversity criteria are also taken into account. Accordingly, more than 40 water bodies located in protected areas were affected by ACCIONA's activities. 86% of these activities involve hydroelectric plants, 5% drinking water treatment plants and 8% infrastructure construction. In all cases, the environmental water flow system established by the water authorities is respected.

It is important to note that ACCIONA's main actions in water capturing and spilling are tied to renewable energy output and to water purification and making water drinkable, which have an overall positive impact on the environment.

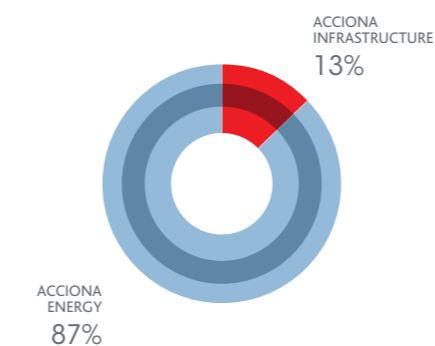
Discharges

Almost 99% of ACCIONA's discharge volume relates to brine from the desalination plants. The physical-chemical and microbiological conditions of the receiving water body are constantly controlled in these types of plants, and Environmental Supervision Plans are implemented in all plants that pour water out into protected areas or areas of great biodiversity value.

The effluents from the Company's other facilities are poured out into the public sewer system or into the public water supply, while strictly complying with that specified in the related water disposal authorization.



→ Distribution of discharges into the public water supply and the sewer system by line of business



NANO-BAC: a new tertiary treatment to eliminate emerging pollutants

Emerging pollutants include the remains of pharmaceutical products or other chemical substances, the presence of which is growing in surface water, which may have harmful effects on the environment and on human health, and which are not currently eliminated in traditional purification processes.

Despite the fact there is no regulation regarding concentration limits, ACCIONA Agua's Technology Center is already researching new technologies to eliminate such chemicals including, among others, the development of a tertiary treatment that eliminates these pollutants at a competitive price.

NANO-BAC focuses on the development of new nanostructured materials (zinc oxide, titanium dioxide, and ternaries of the Bi-Ti-O family) which may be used as catalyzers in photocatalytic disinfection processes. Based on these processes, a photo reactor prototype is being designed, which will take into account all parameters that affect the industrial operation of the system.

Risks and opportunities associated with the use of water resources

ACCIONA incorporates the analysis of risks and opportunities associated with this resource in its activities and in its supply chain.

The Company identifies water consumption and the availability of water resources in those countries in which it operates. The Water Tool of the World Business Council for Sustainable Development (WBCSD), which incorporates FAO and UNESCO databases regarding the scarcity of water in different countries, makes it possible to determine this availability.

In those countries affected by water stress in which the Company operates, various lines of action were developed that are aimed at minimizing water consumption, preventing operating risks arising therefrom, and promoting businesses that improve the quality and availability of water resources.

→ Consumption of municipal, surface and groundwater in 2013

WATER-STRESSED COUNTRIES		
Country	Volume of water (m³)	Company projects
Saudi Arabia	570	Wastewater treatment plants (Haddah 1 and Arana 1) and construction of a desalination plant (Al Jubail)
South Korea	50	Wind farms
India	99	Wind farms
Poland	64,023	Wind farms and other projects
COUNTRIES NOT AFFECTED BY WATER STRESS		
Country	Volume of water (m³)	
Australia	78,052	
Brazil	9,007	
Canada	7,032	
Chile	77,933	
Colombia	909	
Croatia	90	
Ecuador	2,888	
USA	425,546	
Spain	4,427,162	
Gabon	19,089	
Greece	22	
Italy	117,830	
Mexico	88,951	
Panama	375	
Peru	1,048	
Portugal	518	
Dominican Republic	300	
Venezuela	14,198	

Assessment of the exposure of the supply chain to water-stressed areas

ACCIONA analyzed its exposure to risks arising from critical suppliers of its facilities that are located in water-stressed areas, in accordance with the following procedure:

- a) Identify the supply activities necessary to carry out construction activities and operations, wind energy output and water desalination.
- b) Analyze the water intensity of the supply activities and identify those activities with higher water consumption.
- c) Select the most water-intensive supply activities necessary to carry out the aforementioned operations in ACCIONA's facilities.
- d) Identify those suppliers, by billing level, with the greatest exposure to water risks as a result of its water-intensive

supply activities in areas affected by water stress in those countries in which ACCIONA carries out its activities.

The purpose of managing these risks in the supply chain is:

- To gain knowledge about the supply chain, its scope and its critical suppliers.
- To be aware of its degree of exposure to risk, identifying both operational risks and those related to sustainability.
- To launch training and awareness-raising initiatives and actions in order to improve the degree of collaboration between the Company and its suppliers.
- To incorporate sustainability criteria in the management strategy and in the purchase processes.

■ To obtain benefits from the responsible and sustainable management of purchases (cost reduction and increase in income for the business).

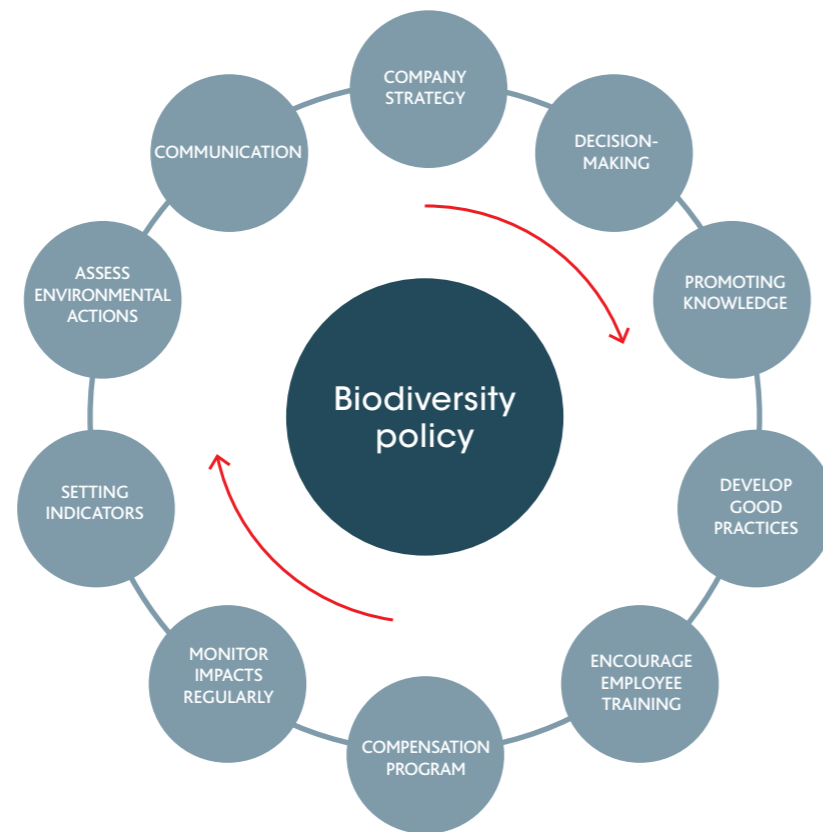
■ To establish performance indicators that allow this management to be assessed.

■ To strengthen transparency and ethics in the purchase processes.

Environmental protection and biodiversity

In each of the phases relating to the design, construction, operation and maintenance of its activities, the Company identifies and assesses possible impacts on the biodiversity in order to adequately manage these activities. In this regard, ACCIONA has a specific Biodiversity Policy, the principles of which are continuously being developed.

Accordingly, in 2013 the Environmental and Biodiversity Expert Panel promoted relationships with various stakeholders and was the main driver of the Environmental Compensation Program, initiating and developing new projects that increased the scope from a geographical point of view and from the point of view of preservation methodologies and of the favored species. The Panel's new responsibilities include assessing and providing advice on specific environmental problems related to the activities of the various businesses.



Main action lines carried out in 2013

- ACCIONA Compensation and Biodiversity Improvement Program.
- Promotion of important nature prevention and conservation actions carried out by each business line.
- Development of the Communication regarding biodiversity:
 - Updating and renewal of biodiversity content on the corporate website.
 - Creation of *Our Environmental Commitment* iBook.
- Participation in the *2013 Catalog of Best Business Biodiversity Management Practices*, by the Sustainability Excellence Club, in collaboration with the Spanish Agriculture, Food and Environment Ministry and the Biodiversity Foundation.
- Actions with respect to minimizing noise pollution.
- Collaboration with stakeholders in the development of conservation, awareness-raising and research actions in the biodiversity domain.

Assessment of the main risks and opportunities associated with biodiversity

ACCIONA's activities depend on products and services from local, regional and/or global ecosystems and, therefore, their degradation entails an economic risk for the Company, as well as new business opportunities.

As preventive measures, ACCIONA works to identify the biodiversity risks arising from its activities and to improve its capacity to mitigate these risks. The risk analyses serve as a tool to anticipate possible impacts on biodiversity by determining and implementing prevention, control and mitigation measures, which can be incorporated into the project management.

The main risks associated with biodiversity are managed by selecting the sites of the facilities, controlling the construction procedures and adopting preventive and correction measures in order to reduce the impact of these risks. A control and oversight plan is in place in the majority of the projects and facilities in operation which allows the Company to carry out adequate environmental follow-up, establishing an action protocol for cases in which any problem may arise.

Biodiversity protection in the area surrounding the facilities

Prior to selecting the final location of the activities or projects, ACCIONA analyzes the surroundings such that its activities have as little effect as possible on the environment.

The Company works with experts in the various areas and a complete environmental surveillance plan is established which controls the implementation of preventive and corrective measures assigned to the project.

The main actions carried out in 2013 to preserve the biodiversity in the area surrounding its facilities include the following.

■ **ENVIRONMENTAL INTEGRATION MEASURES IN THE MUNDARING DRINKING WATER TREATMENT PLANT IN AUSTRALIA**

This water treatment project in the state of Western Australia requires the elimination of 12 hectares of vegetation, the majority of which were already altered previously, and is located at a site where there are no protected species of flora or environmentally sensitive plant communities.

ACCIONA drafted a plan for controlling invasive plants by exhaustively monitoring the projects and the presence of undesired seeds or propagules in each vehicle that was in contact with the project.

A complete protocol regarding the arrival and use of pine wood was also drafted since the *Hylotrupes bajulus* beetle was detected in the area, a plague which has affected pine wood as well as structures and buildings.

No significant species of native fauna were found in the area, except for the occasional presence of black cockatoos, which were included in a surveillance and control plan that included stopping the project if any nests were observed in the area until the offspring were weaned. No significant impacts on the fauna are expected, however a protocol for capturing and relocating the fauna, if necessary, has been drafted.

Lastly, given that there are residential and recreational areas near the site, ACCIONA drafted a plan for minimizing disturbances from noises and vibrations in order to make the activities of the project compatible with the residents' normal activities.

ACCIONA also focuses its efforts on controlling, in particular, matters relating to the contamination of land and water, and the risks of fires, which are particularly significant in this area of Australia.

■ **RECOVERY OF FLORA AND FAUNA ON THE JALA HIGHWAY IN PUERTO VALLARTA, MEXICO**

Within the framework of the "Jala highway – Puerto Vallarta" project in Mexico, ACCIONA Infrastructure was

able to reduce the impact of its activities through various environmental measures, including the protection and relocating of species of wild flora and fauna.

With regard to flora, more than 1,000 plants were recovered and relocated, which were selected as a result of their legal protection status, their botanical and ethnobotanical interest, their environmental value, the difficulty of their species to reproduce or their slow growth or as a result of their importance from a commercial or cultural point of view. This is the case of the prickly pear, cactus trees or epiphytic orchids. Some of the recovered plants were taken to a temporary nursery so they could be adapted and cared for in order to be later used in various reforestation projects. Other plants were relocated within areas nearby the extraction site with the same characteristics.

In the case of fauna, the Company rescued various species of arthropods, reptiles and mammals, some of which are threatened, such as the false coral snake, the black iguana and the pygmy spotted skunk.

In addition to its administrative requirements, the Company recorded the fauna using camera traps in order to increase the sightings of certain species with nocturnal habits or little tolerance to human presence and activity. Species such as the raccoon, the collared peccary, the coati and the ocelot (in danger of extinction) were identified.

Facilities in areas of high biodiversity value

All of the Company's facilities located within protected areas and not protected ones but of high biodiversity value were identified, and the following aspects of each of them were reported: type of facility, protected area affected by the facilities, geographical location, surface area, species affected by the facility, most significant impacts, etc. (see the Biodiversity Appendix for more information).

→ **Installations in areas of high biodiversity value, 2013**

Lines of business	No. of facilities in protected areas and not protected areas of high biodiversity value	Surface area of the facilities in protected areas and not protected areas of high biodiversity value (ha)	No. of facilities adjacent to protected areas and not protected areas of high biodiversity value
ACCIONA Energy	142	613	1
ACCIONA Agua	8	15	26
ACCIONA Infrastructure	40	1,135	15
ACCIONA Service	6	33,389	1
Other businesses	11	4	0
TOTAL	162	35,156	43

→ **Number of protected species affected by ACCIONA's facilities in 2013**

Protection category	IUCN* Red List	No. of species
CR	Critically endangered	2
EN	Endangered	5
VU	Vulnerable	12
NT	Near threatened	16
LC	Least concern	113
TOTAL		148

* International Union for Conservation of Nature.

Identification and valuation of the most significant impacts

It should be noted that ACCIONA has identified and assessed the most significant impacts at each of the Company's facilities located adjacent to or within protected areas and not protected areas of high biodiversity value. The valuation took into account the species affected, the surface area of the facility within the protected area, the duration of the impacts, and whether they were reversible or irreversible.

Restoration and protection of habitats

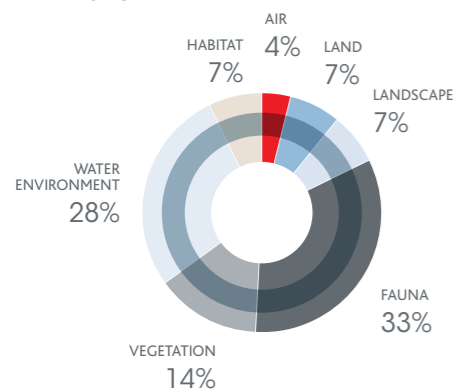
En 2013, ACCIONA protected and restored almost 8,000 hectares in the areas surrounding its projects and, in virtually all cases, the measures carried out were verified by external professionals and were carried out in collaboration with third parties.

The plantings carried out by ACCIONA in 2013 will absorb more than 3,000 metric tons of CO₂/year², equivalent to the CO₂ emissions produced by the use of 1,300 cars.

Biodiversity compensation and enhancement program

In 2013, ACCIONA continued working on the biodiversity compensation and enhancement program, which is included in the Company's Environmental Compensation Plan. These initiatives go beyond administrative requirements in offsetting impacts generated by the business activities:

→ Nature of the impacts, 2013



Location	Surface area (ha)
Australia	0.45
Brazil	28.6
Canada	32.7
Chile	15
Costa Rica	17
Croatia	0.95
Spain	7,888.67
TOTAL	7,983.37

2. Source: "Carbon Sinks", Climate Change Office of the Ministry of Environment. Considering the maritime pine (Pinus pinaster) as the typical tree, and based on the assumption that bushes absorb one-tenth as much as a tree.

<p>Regional Network for the Protection of Threatened Species</p>	<p>This is an initiative driven and carried out by ACCIONA, in collaboration with the government of Extremadura, and consists of establishing and maintaining three supplementary food points, one of which is located in the Monfragüe Natural Park in Spain, which was declared a biosphere reserve by UNESCO. The purpose of the project is to find a method that allows for the selective feeding of certain threatened bird species with necrophagous habits: red kite, cinereous vulture and Egyptian vulture.</p> <p>This initiative has been described in UNESCO's Man and the Biosphere Programme. The Decennial Revision Report of the Monfragüe Biosphere Reserve (MBR), drafted for UNESCO, reports on ACCIONA's desire to be innovative and is included in the report on the Main Preservation Programs that were carried out in the MBR over the last ten years.</p>
<p>ACCIONA's facilities for the preservation of wild fauna</p>	<p>In 2013, ACCIONA developed an environmental research project regarding the behavior of wild fauna in the surroundings of the Company's 27 facilities by using a total of 33 camera traps that have movement-activated sensors.</p> <p>Observation is aimed especially at detecting land mammals that are difficult to study due to a lack of knowledge regarding their biology, distribution, habitat use and state of preservation.</p> <p>Until now the Company has photographed 70% of the carnivorous mammal species that inhabit the Iberian peninsula at only a few meters from its facilities.</p>
<p>Breeding in captivity and behavioral study of the European mink</p>	<p>ACCIONA is collaborating with the Foundation for Ethology and Biodiversity Research in a European project to develop a center for breeding in captivity and perform a behavioral study of the European mink, a critically endangered species.</p> <p>The purpose of the project, which is also supported by the Biodiversity Foundation and the Spanish Ministry of Agriculture, Food and Environment, is to increase the number of animals in view of possible drastic reductions in the species living in the wild and to generate animals capable of surviving in their natural environment, in order to be subsequently reintroduced into the wild.</p> <p>The project has significant international impact, since there are only three European mink populations in the world, one of which is in Spain.</p>

Sustainable resource use and waste management

ACCIONA incorporates in its activities all methodologies, processes, technologies, and good practices aimed at minimizing waste generation and the use of natural resources.

Similarly, the Company advocates the use of tools to assess its impacts on the entire value chain and the selection of products and processes that most respect the environment.

→ Resource consumption

		2011		2012		2013	
		Consumption	Efficiency	Consumption	Efficiency	Consumption	Efficiency
ACCIONA Infrastructure							
Wood	t	9,268	0.00	2,263	0.00	120,576	0.04
Land reused from another project	m ³	535,811	0.15	1,607,840	0.48	934,014	0.34
Concrete and mortar	m ³	2,467,067	0.70	2,046,521	0.62	1,807,898	0.66
Cement	t	268,522	0.08	213,455	0.06	232,867	0.09
Aggregates and breakwaters (natural)	t	18,400,079	5.22	10,710,985	3	6,337,446	2.32
Aggregates from recycled material	t	571,770	0.16	253,391	0.08	469,752	0.17
Steel	t	713,598	0.20	443,879	0.13	291,406	0.11
ACCIONA Energy							
Biomass	t	374,690	0.23	376,346	0.18	389,752	0.18
Sodium hydroxide	l	152,329	0.09	199,158	0.09	43,663	0.02
Sodium hypochlorite	l	229,704	0.14	252,150	0.12	80,203	0.04
Hydrochloric acid	l	576,801	0.35	235,716	0.11	79,609	0.04
HTF (Solar thermal)	kg	49,640	0.03	131,302	0.06	53,080	0.03
ACCIONA Agua							
Sulfuric acid	l	729,311	1.05	597,042	1.18	140,844	0.24
Sodium hydroxide	l	167,849	0.24	274,718	0.54	372,671	0.64
Sodium hypochlorite	kg	1,132,750	1.63	1,395,669	2.76	1,440,012	2.46
Polyelectrolyte	kg	292,558	0.42	379,487	0.75	366,699	0.63
Calcium hydroxide	kg	937,780	1.35	963,025	1.90	872,752	1.49
Carbon dioxide	kg	871,627	1.25	796,242	1.57	566,271	0.97
Alumina sulfate	kg	511,839	0.73	1,208,309	2.39	1,463,370	2.50
ACCIONA Service*							
Oils	l	-	-	-	-	37,123	0.06
Non-chemical cleaning consumables	kg	-	-	-	-	34,700	0.05
Chemical cleaning consumables	kg	-	-	-	-	26,489	0.04

Efficiency ratio: consumption unit/revenue in thousands of euros.

*Until 2012, the data relates to the joint report of ACCIONA Agua and ACCIONA Service.

Note: The table includes information on the relevant consumption based on the following criteria: greater than 100,000 t or m³ in Infrastructure, greater than 20,000 t or m³ in Energy, greater than 100,000 t or m³ in Agua, greater than 10,000 t or m³ in Service.

Minimization of waste generation through reuse and recycling

ACCIONA assumes the management and prevention of waste generation as part of its Environmental Policy.

The Company carries out actions to prevent, reuse, recycle and/or assess its waste as priority actions prior to its elimination. In this regard, some of the measures carried out by the Company are as follows:

- **Tire renewal** in Trasmediterranea and ACCIONA Infrastructure. In 2013 the Company renewed a total of 1,724 tires, which avoided the emission into the atmosphere of more than 137 metric tons of CO₂, which at the same time avoided the generation of almost 90 tonnes of waste. Similarly, the use of renewed tires led to a savings of between 35% and 50% in replacement costs.

- **Revaluation of slag and ashes** in biomass plants. In 2013, 100% of the ashes and 66% of the slag produced was used as agricultural fertilizer and construction material. With these measures, almost 2,575 tonnes of waste generated was revalued.

- **Hazardous waste reduction plan** of the land facilities of ACCIONA Trasmediterranea in Barcelona. In 2013, the objectives and measures proposed were as follows: a 30% reduction in the oily charge from washing tractor heads through the use of tanks with hydrocarbon separators, a 15% reduction in

→ Waste generation (t)

	2010	2011	2012	2013
ACCIONA Energy				
Non-hazardous waste	9,177	30,997	26,018	35,059
Hazardous waste	0.73	0.83	1.13	0.84
ACCIONA Agua*				
Non-hazardous waste	144,679	190,115	251,761	183,179
Hazardous waste	33	35	39	46
ACCIONA Infrastructure				
Non-hazardous waste:				
Land and debris	14,944,551	9,487,644	7,914,619	6,767,742
Non-hazardous waste: Other	7,035	9,007	7,938	6,516
Hazardous waste	269	195	185	170
ACCIONA Service*				
Non-hazardous waste	N/A	N/A	N/A	13,617
Hazardous waste	N/A	N/A	N/A	15,403
Other businesses				
Non-hazardous waste	10,051	7,574	7,141	6,602
Hazardous waste	8,489	8,232	7,669	6,116

*The data from ACCIONA Agua in 2012, 2011 and 2010 includes ACCIONA Service.

the amount of absorbents and contaminated cloths, and a 40% reduction in the amount of mineral oils used.

- **Land reuse** in ACCIONA Infrastructure. As a result of ACCIONA's collaboration with local government, the project for the execution of the new section of Ribeira, A Coruña, will use a total of 7,800 m³ of earth excavated to restore a former quarry owned by the municipality located in the immediate surroundings.

Life cycle analysis

In 2013, ACCIONA increased its interest in carrying out life cycle analysis (LCA) studies in the various business divisions. Evidence of this is shown in the initiatives carried out in:

■ **ACCIONA Infrastructure:** an environmental product declaration (EPD) was obtained for the railway viaduct carried out in the North-Northwest corridor of the AVE Otero section of Bodas-Cernadilla, Spain.

■ **ACCIONA Energy:** In 2013 the greenhouse gas emissions balance of the process for using wheat straw to generate electricity in Sangüesa and Brivesca biomass plants was analyzed as part of its LCA, based on the criteria set out by the European Directive Proposal on Sustainability Criteria for solid and gaseous biomass. The results obtained exceeded a 98% reduction in GHG emissions.

■ **ACCIONA Agua:** LCA of four types of wastewater treatment plants.

■ **Hijos de Antonio Barceló:** EPD of the 750 ml Viña Mayor Crianza bottle of wine.

Prevention and control of significant accidental spills

ACCIONA adopts the measures necessary to prevent, control and minimize accidental spills through incident information systems and plans to minimize the risk of discharges.

In 2013, the Company recorded 8 incidents that have entailed significant spills³ with a total discharge volume of 64.5 m³. All cases were satisfactorily resolved by adopting the corrective and compensatory measures necessary to rectify the situation.

→ **Management of non-hazardous waste**

	2011			2012			2013		
	Landfill	Recycling	Reuse	Landfill	Recycling	Reuse	Landfill	Recycling	Reuse
Debris	37%	49%	14%	51%	44%	5%	82%	13%	6%
Wood	19%	78%	2%	16%	72%	12%	28%	63%	9%
Metals	5%	90%	5%	6%	90%	4%	4%	95%	1%
Plastics	31%	68%	0%	42%	56%	2%	27%	67%	6%
Land	36%		64%	50%		50%	52%		48%

3. A "significant spill" is defined as that which causes damage to the environment outside the facility or represents a significant risk that must be reported to the Administration.

Sustainable construction and efficient building management

The search for solutions that minimize the environmental impact throughout the life cycle of a project is the pillar on which ACCIONA bases the development of its sustainable building construction and efficient management projects.

Sustainable Office Management Plan

ACCIONA continues to implement the Sustainable Office Management Plan, which is in force until 2015 and seeks to reduce overall energy consumption and CO₂ emissions of offices by 15% and water consumption by 7% compared to 2009.

On average, in 2013 the energy consumption, CO₂ emissions and water consumption per square meter of the offices amounted to 210 kWh/m², 23 kg CO₂/m², 0.5 m³/m², respectively.

Eco-efficient construction

The systems certifying sustainability in construction, such as LEED and BREEAM, seek to implement measures aimed at improving efficiency in water and energy consumption, the use of renewable energies and the use of materials with low environmental impact.

ACCIONA has acquired significant experience in carrying out projects with sustainability certification in construction, such as LEED or BREEAM, both within Spain and internationally. In 2013, the list of completed projects of this type in which ACCIONA has participated is as follows:

→ **Sustainable Office Management Plan lines of action**

Real estate	Reduction of water and energy consumption and emissions of the buildings: in 2013, the Company carried out energy audits on its main real estate properties and implemented measures such as improved lighting in garages (which will provide annual savings of up to 35,000 kWh) or contracting certified renewable energy supplies (which will represent savings of 366 tonnes of CO ₂).
Processes	Definition of savings in office-related services: in 2013, ACCIONA implemented clean points in order to collect waste selectively in the Company's main buildings and implemented a pull printing system which allowed more than 260,000 unnecessary print-outs to be avoided.
People	The measures in this area, which seek to decrease consumption, will begin to be undertaken in 2014.

Non-compliance and environmental penalties

- Tripark Las Rozas Business Center (Madrid, Spain): LEED GOLD.
- Plot T10 Iveco-Pegaso building (Spain): LEED GOLD.
- Plot T11 Iveco-Pegaso building (Spain): LEED GOLD.
- UC3M Getafe lecture hall-library (Spain): LEED SILVER.
- Fort St. John (Canada): LEED GOLD.
- Royal Jubilee Hospital (Canada): LEED GOLD.
- Campinas Technology Center (Brazil): LEED CERTIFIED.
- BBVA headquarters in Las Tablas district (Madrid, Spain): LEED GOLD.
- New San Mames-Barria Soccer Stadium (Bilbao, Spain): LEED SILVER.
- Vigo Hospital (Spain): BREEAM.
- Windsor Essex Parkway (Canada): Greenroad GOLD CERTIFICATION.
- Campinas Technology Center (Brazil): LEED.

Lastly, the Infanta Sofía Hospital in Spain obtained the BREEAM certification in the use and operation category.

In 2013, ACCIONA Energy was fined €1,000 for an oil spill in the El Escepar wind farm in Cuenca (Spain). Penalty proceedings were brought against the company as a result of the release of water from the Escarra dam, and are currently being processed. In addition, a ruling has yet to be handed down regarding the proceedings that were brought as a result of the emptying of the Cohilla reservoir in Cantabria (Spain). Internationally, a penalty of €12,360 was imposed in the US as a result of damage to agricultural crops arising from the Pioneer experimental wind farm.

In Spain, ACCIONA Infrastructure ended the year with 20 environmental penalty proceedings relating to the 2007-2013 period, for a total amount of €26,988. In 2013, 10 new penalty proceedings were opened, three of which have already been resolved, and another 13 proceedings have been open prior to 2013 and have yet to be resolved. Outside of Spain, ACCIONA Infrastructure was subject to two economic penalties, one in Gabon amounting to €1,524 and another in Chile for €1,990. Two proceedings were opened this year in Brazil, which have yet to be resolved and another two proceedings that were brought prior to 2013 have also yet to be resolved.

Penalty proceedings were brought against ACCIONA Trasmediterranea for €600 and this company was fined €365 as a warning penalty as a result of respective incidents at the Port of Algeciras. Both proceedings are currently still in process.

ACCIONA Service was subject to administrative penalties amounting to €3,000 due to an environmental assessment and license problem in Sant Cugat, Barcelona (Spain).

A total of €46,863 in penalties were issued in 2013.

→ APPENDIX: Facilities in protected areas and not protected areas of high biodiversity value in 2013

Facility	Protected Area (PA) affected by the facilities	Geographical location
Lineal infrastructure (roads) (3)	Mazzepe National Park, Bee Creek	Australia
Drinking water treatment plant (1)	NP	Australia
Lineal infrastructure (roads) (2)	PPA, Estadual da Cantareira Park, Paraíba do Sul Hydrographic River Basin - PPA	Brazil
Port (1)	Protected marine areas, PPA	Brazil
Lineal infrastructure (roads) (2)	PL	Canada
Aqueduct Oreduct (1)	Ecological Protection Area	Chile
Improvement actions on roads and parking (1)	SPA, SCI	Spain
Photovoltaic (1)	SPA, SCI	Spain
Lineal infrastructure (pipes) (9)	SPA, SCI, BR, IBA, HCI, NP, NR, Ramsar	Spain
Lineal infrastructure (railroads) (5)	SCI, HCI, PL	Spain
Lineal infrastructure (roads) (12)	SAC, SPA, SCI, HCI, PL, NP, NR, SEPP, SPEPP, ACI	Spain
Electricity line (6)	SPA, SCI, IBA	Spain
Solar thermal maintenance (1)	IBA	Spain
Road maintenance (3)	SPA, SCI, NP	Spain
Habitat improvement (1)	SPA, SCI, NRMP	Spain
Wind farm (44)	SPA, SCI, BR, NP, NM, IBA	Spain
Dam (1)	SPA, SCI	Spain
Port (1)	SCI, HCI	Spain
Pier rehabilitation (1)	SPA, SCI	Spain
Forestry treatment (4)	SPA, SCI, NP	Spain
Surveillance and research (1)	NP	Spain
Wastewater treatment plants (16)	SPA, SCI, BR, NP, PL, Ramsar	Spain
Batch III wastewater treatment plant	SCI	Spain
Batch V wastewater treatment plant	SPA, SCI	Spain
Media Pirineos wastewater treatment plants	SPA, SCI	Spain
Priorat wastewater treatment plant	SPA, SCI	Spain
Cañón del Río Lobos wastewater treatment plant	SPA, NP	Spain
Drinking water treatment plant (4)	SPA, SCI	Spain
Seawater desalination facility (5)	SPA, SCI, PL, NP, NR, Ramsar	Spain
Comprehensive service (3)	SPA, SCI	Spain
Wind farm (2) and Electricity line (1)	GR2320007	Greece
Wind farm (2) and Electricity line (1)	Selva Baja Caducifolia, SBC	Mexico
Wind farm (1)	PTCON0025	Portugal

SAC: Special Area of Conservation; SPA: Special Protection Area for birds; SCI: Site of Community Importance; BR: Biosphere Reserve; IBA: Important Bird Area; HCI: Natural Habitat of Community Interest; NR: Natural Reserve; NP: Natural Park; PL: Protected Landscape; NM: Natural Monument; SEPP: Special Environmental Protection Plan; NRMP: Natural Resource Management Plan; SPEPP: Special Physical Environment Protection Plan; PPA: Permanent Protection Area; ACI: Asset of Cultural Interest.