





Environmental responsibility



Environmental responsibility

BCP Group's contribution to the sustainable development goals of the United Nations, is as follows:



Sustainable Development Goal 13 - Take urgent action to combat climate change and its impacts

BCP Group contribution

Improve education, awareness-raising and human and institutional capacity on climate change mitigation, adaptation, impact reduction and early warning regarding climate change.

Promote mechanisms for raising capacity for effective climate change-related planning and management in least developed countries and small island developing States, including focusing on women, youth and local and marginalized communities.

Sustainable products - Investing and funding projects providing risk mitigation and adaptation to climate changes (vide chapter on Social Responsibility - Products and Services).

Implementation of a set of measures for energy efficiency.

Raising internal awareness to the importance of adopting environmentally responsible habits.

Millennium bcp participates in collaborative initiatives on climate change and sustainable finance: member of the Working Group on Sustainable Finance of the "APB-Portuguese Association of Banks", one of the representatives of Portuguese Banking in the Working Group on Sustainable Finance of "EBF -European Banking Federation" and BCP is also a member of the Sustainable Finance Working Group of BCSD Portugal



ODS goals 15 - To protect, restore and promote the sustainable use of terrestrial ecosystems, to manage forests sustainably, to fight against desertification, to halt and reverse soil deterioration, and to stop the loss of biodiversity

BCP Group contribution

Mobilize and significantly increase financial resources from all sources to conserve and sustainably use biodiversity and ecosystems.

Mobilize significant resources from all sources and at all levels to finance sustainable forest management and provide adequate incentives to developing countries to advance such management, including for conservation and reforestation.

Financial products directed to finance the protection of forests, biodiversity and ecosystems - WWF Card (Poland): part of an amount of the transactions carried out by clients reversed to this institution. In addition, the card is made of environmentally friendly material.

Support to initiatives and organisations that protect forests and biodiversity - BCP supports the Movimento ECO (companies against wildfires)

The BCP Group has been putting in place a sustainability strategy that incorporates and promotes a culture of environmental responsibility and fight against climate changes in line with its strategic objectives of digital and technological innovation.

The rationalization of energy, water and materials consumption based on a rationale both of dematerialization of processes and of protection of the surrounding environment are objectives that are part of the core of the environmental policy implemented in all operations of BCP (available for consultation at the Sustainability section of the Bank's website through https://ind.millenniumbcp.pt/pt/Institucional/sustentabilidade/Documents/Politic_Ambiental.pdf).

Main highlights

(2018 % vs. 2017)

MAP WITH ENVIRONMENTAL PERFORMANCE EVOLUTION BY LOCATION



Material issue: ECO - EFFICIENCY

Operational eco-efficiency

The Bank regularly monitors a series of environmental performance indicators which measure the Bank's eco-efficiency with regard to its main consumption of resources. In global terms, the Bank's level of eco-efficiency continued to improve, as a result of the ongoing investment in processes optimization – an example of which is the PV central for self-consumption of Tagus Park that began functioning by the end of 2017 – and of initiatives to increase the Employee's awareness towards the importance of adopting a more responsible attitude. These eco-efficiency measures have enabled the bank to continuously reduce the environmental impact of its activity but also the related operational costs. In 2018, Group BCP, keeping its trend of cost reduction as occurred in previous years, recorded a decrease in its costs with electricity and fuel in 4% versus 2017.

Apart from the monitoring of the environmental indicators, BCP has an area in charge of the business continuity management that identifies the risks related with climate changes and the incorporation of standard policies and of defined procedures in order to ensure the Bank's ongoing activity in case of natural disasters able of discontinuing it. The Bank also manages indirect environmental risks, during the credit and project finance evaluation and granting process and is able to carry out environmental impact studies, in accordance with the applicable legislation in effect.

BCP Group ensures, on a regular basis, the follow-up of initiatives carried out in all countries where it operates, in view of its local circumstances, and monitors a number of indicators which enable it to measure its environmental efficiency and impact concerning its main resources consumption. The BCP Group continued to invest in operating efficiency measures, in the various operations, by optimizing processes and equipment, reinforcing a set of measures to decrease consumption, giving way to not only technological gains but also environmental ones.

In Portugal, Millennium bcp kept the energy and air quality certification for the Bank's Central services buildings, with a B (71%) classification.

MAIN OPERATIONAL EFFICIENCY MEASURES IN EACH OPERATION

Portugal

Installation of LED lighting in Taguspark

A plan to replace fluorescent lights with LED lights in parking areas at Taguspark is under way, with a potential for a 50% reduction of energy consumption for lighting in those areas, thus giving continuity to the optimisation of energy performance in these central buildings; In 2018, LED lighting was incorporated into the garages of Taguspark, with an estimated saving of 132 MWh of electricity, which corresponds to an estimated cost savings of around € 16,100 per year.

The Bank has also equipped the commercial network with LED lights whenever intervention/remodelling work is carried out in the branches

Heating Ventilation and Air Conditioning systems (HVAC);

Variable speed drives were installed on about 90 ventilation motors in the headquarters buildings at Taguspark, with the potential to decrease by about 30 to 40% of energy consumption associated with the HVAC system ventilation.

Incorporation of variable speed drives in seven Taguspark buildings, with an estimated saving of more than 300 MWh of electricity, corresponding to a monetary saving of around € 36,600 per year.

First year of operation of the Photovoltaic Solar Energy Plant with around 1 MW capacity

The installation of solar panels aimed to achieve two goals:

- Meet the Bank's electricity needs by using renewable sources; and
- Be more energy efficient.

This was a project developed together with EDP. 3,703 photovoltaic panels were installed on three buildings of Millennium bcp in Tagus Park, Oeiras.

In 2018, the plant was able to generate a total of 1,256 MWh of energy for self-consumption, which meant 590.5 tons of CO₂ avoided.



Green IT Programme

Reduction in local printing, giving preference to digital archive tools in the purchase of software development services.

The use of webcasting tools was consolidated, with a significant increase of 40% in its use compared to the previous year (28,049 minutes of use in 2018).

"GO Paperless" project that focuses on the dematerialization of operations as a way to innovate and optimize processes, using digital production and signature of the documents. In 2018 more cash and teller transactions were converted into "Paperless", and it was possible to save 2,989,538 prints corresponding to a reduction of about 11% of prints made in the devices of the branches when comparing with the same period of 2017.

The Bank continued to promote digitization, which in 2018 recorded a 10% rise versus the previous year.

Total savings of around 4 million black and white prints (Central Services + Branches), corresponding to around 25 thousand Euros in cost reduction with printing and paper.

36% decrease in cartridges used between 2013 and 2018.

Continues

continuation

Using digital documents such as, for example, the bank statement in digital format

Clients who subscribed to the e-statement in 2018: 1,582,759 accounts in Portugal (+ 12% compared to 2017); 89% of customers in Poland; 67,338 accounts in Mozambique and more than 80% of customers in Switzerland.

Digital sale of financial products:



In 2018 the Onboarding Digital service was launched, which allows the Bank to be able to open online accounts with Customer authentication via video conference.

Apart from that, Millennium BCP and ActivoBank implemented the 100% digital account opening process. The process is innovative, simple, fast and totally digital, setting aside a smartphone and tablet, without the need for the Client to go to any branch.

Campaigns with draw prizes were developed to encourage Customers' use of basic digital elements (e-mail, e-Statement, website and APP) allowing in 2018 to reach the historical mark of about 68% of active accounts with digital e-statements.

Millennium bcp promotes the movement MUDA - Movimento pela Utilização Digital Ativa - a Portuguese initiative that involves companies, associations and universities and the Portuguese Government, which take on the commitment to get the Portuguese people using digital technology contributing to a more advanced, inclusive and participatory country.

Kaizen Programme that promotes daily a range of practices related to the continuous improvement of team activities, based on a Lean methodology, thus contributing to processes with greater added value for the Customer and that has a direct impact on sustainability.

In 2018, the Kaizen Committees were resumed on a quarterly basis to monitor and identify the best initiatives of each department and the first team building event was also held to reinforce the team spirit and acknowledge the performance and participation of Employees in the Kaizen Programme.

All year round 467 improvement initiatives were implemented, of which about 10% represented savings in supplies (eg paper, file cabinets and others) of around 63,463 euros.

Mobility

The Bank follows a policy of minimizing business trips by limiting the types of transportation and by using remote communication channels, such as e-learning, teleconference and videoconference. Since 2017 the option of use/purchase of hybrid vehicles in the selection of the company's fleet is available.

Poland

Adjustments to the lighting and heating systems:

Adjusting the time lighting is on in accordance with the Bank's work hours at each floor, through an automatic shutdown system under the floor;

Changes to the lighting control system for the bank signs outside the branches. The system is now adapted to the year's seasons. In the summer, luminous signs are on from 7 p.m. until midnight and, in winter, from 3.30 p.m. until midnight;

Heating was readjusted to a constant 21°C temperature;

Automation of the air conditioning system, which is off on weekends and holidays, though an automated instant on/off control;

Installation of LED lighting in the commercial network;

Working parameters for gas heaters were optimized;

Reduction of the energy capacity of the reserve power supply units installed in the head office in Gdańsk and Warsaw from 120kW to 80kW.



Implementation of energy audits according to the Polish law. This is mandatory every five years.

Implementation of limits of use of water in the cisterns of the sanitary facilities and installation of water diffusers in all bathrooms and kitchenettes

Ongoing monitoring of the supply of materials necessary for the current Bank's operations and re-utilization of materials, as a way to reduce the consumption of materials and resources.

The process for the order of new assets and the necessary conditions for the purchase of new equipment (counters, shredders, swivel chairs, other furnishings) is regulated by an internal ruling and is centralized in the procurement area. Each need is verified individually in terms of the need for the purchase and its compliance with the Bank's internal rules.

The efficient management of the resources, re-using them, enables to reduce the purchase of devices (ex.: meters, shredders, cooling equipment, microwave ovens), furniture and office supplies.

The Bank also implemented a control to measure the quantity of plastic safety envelopes used, to comply with the limits established for each organizational unit.

The Bank also pursued the methods for the purchase of bottled mineral water, plastic glasses, plastic cups and shakers. In 2017, BCP cut its plastic cups and shakers consumption by 16% vs. the previous year.

Measures for the reduction of plastic use

The rubber moulds with the rubber stamps contents are returned and destroyed and the empty enclosures are sent for regeneration to the entity with which the Bank signed a cooperation agreement.

Definition of quantity limits for sealed plastic envelopes, as well as orders for bottled mineral water, plastic cups and mixing sticks.

Measures for the reduction of paper consumption

Ongoing monitoring of the amount of paper necessary for branches in cashier and treasury operations through the issue of monthly reports on those operations.

Monitoring of prints by organizational unit, sending a report to the units with the highest number of prints in order to identify initiatives to reduce their number.

Consolidation and reduction/ summary of the contents of documents, including the sharing of documents online to replace their distribution in paper..

Launching of the project to transfer internal transactions in branches to online system storage, allowing to stop printing them.

Contract 8 in 1 – in respect of the sale of products and services, the bank continued to implement the initiative for the consolidation of bank products contracts into a single contract. This initiative applies to new Clients with several contracts for banking packages, which receive the e-statement by default, and this option is deactivated at the customer's request, thus limiting the quantities of printed account statements.

Digitalization of the process related to customer information, updated annually, required by law, allowing related documents to no longer have to be printed, making the information available on the website and in electronic format.

Customers with e-statement subscription – 89% of customers in Poland. The Internet banking channel also offers online services and bank slips to the clients. For new Clients that subscribe to new banking products and services agreements, the e-statement is pre-defined as default (however, pursuant to a request made by the Client this option may be discontinued). This initiative has a significant impact on the reduction of the consumption of paper if compared to mass mailing.

Waste management measures

The regulations regarding environmental protection (Waste Law) require that the Bank carries out an adequate management of waste by filling in the necessary documents, as well as the preparation and forwarding to duly licensed operators, being also made reports on the types and quantities of the waste produced.

All types of metal, plastic, wood, glass electric and electronic waste generated by the activities developed by the Bank are sent for recycling by a specialized company hired by the Bank. The Bank introduced the separation of waste into four types in the buildings of the head office in Warsaw: glass, plastic, paper and other. At the head office in Gdańsk, the waste is separated into three components: dry, humid and glass, in accordance with the applicable regulations.

Moreover, the Bank sends documents whose storage period ended for recycling, as well as documents which are not meant to be filed, through companies engaged by the Bank. The responsibility for collection and re-use of toner cartridges of the multi-function copiers pertains to the Bank's supplier.

Continues

Mobility

Replacement of almost all the cars of its fleet for hybrid cars, which will enable it to prevent over 500 tons of CO₂ emissions, representing a 20.6% decrease versus 2016.

The Bank follows a policy of minimizing business trips by limiting the types of transportation and by using remote communication channels, such as e-learning, teleconference and videoconference.

In order to reduce the number of travels by plane or private car the Bank implemented an internal regulation establishing that, to travel by plane, it is necessary to get the approval of the CEO and to use the private car it is necessary to get the approval of one Director.

Mozambique

Energy efficiency measures, such as automatically switching off the computers and main lighting of the buildings at 20:00, and from 22:00 all lights and signs on the branches of the commercial network. Currently conventional lighting is being replaced by LED lighting.

The replacement of the alternative sources "Generator Sets" by solar panels is under study.

Medidas de redução de consumo de água

Substituição dos jardins dos balcões da rede comercial por zonas pavimentadas, tendo em vista a redução do consumo de água.

Scanning documents and promoting the use of e-Statement

In 2018, 24,700 accounts were opened using a tablet, therefore without using paper. In 2018, 20,199 accounts subscribed to the e-statement in the Bank's branches in Mozambique (where they can access the bank statement, transaction slips notes and other e-documents), with a total of 67,338 accounts with e-statement subscription in Mozambique.

Re-use of equipment and materials

In Mozambique, but also in Portugal and Poland, the Bank donates IT material and furniture that could still be used for teaching to various schools or solidarity institutions.

Switzerland

Eco-efficiency measures for the reduction of paper consumption

The Bank continued to implement a set of measures: the consumption of recycled paper and the adoption of two-sided printing.

Energy efficiency measures: conscientious use of air conditioning during summer.

Mobility

The Bank makes an internal control of business travels, giving preference to the use of videoconference instead of travels.

e-Statement: in 2018, more than 80% of clients had access to the e-Statement, thus reducing the Bank's consumption of paper.

Separation and recycling

The Bank provides containers for the separation of paper, plastic (including a specific one for plastic cups) and glass, which are sent for recycling by means of a licensed recycling operator. The toner cartridges used are also delivered to a specialized operator.

Material issue:

ENVIRONMENTAL AWARENESS

Environmental awareness

The environmental awareness of Employees and Clients for the promotion of good environmental practices is one of the pillars of the environmental management of the BCP Group, being considered that the reduction of the environmental impact also depends on the Employee's change in behaviour.

The Group continued to invest in a set of measures in several operations, in accordance with their local context, aiming to encourage and motivate Employees to apply a rigorous management of resources in the daily exercise of their functions, thus contributing for the collective effort of transforming the BCP Group into a more sustainable entity.

MAIN ENVIRONMENTAL AWARENESS INITIATIVES

Portugal

Internal environmental signs campaign

The internal campaign was followed-up using environmental signs to promote the reduction of electricity, water and paper consumption through the adoption of behavioural practices to rationalize the use of these resources, contributing not only to the improvement of environmental performance, but at the same time to optimize operating costs and bolster the image of an organization with a strong environmental commitment

Informing the heads of the organizational areas of the respective consumption of paper (prints) and of ink and toner cartridges.

Promote the use of videoconference and e-learning instead of travels

The bank has internal rulings regarding the scheduling of travels establishing that each Employee and respective hierarchy are responsible for ensuring that the purpose of the travel cannot be achieved by using remote communication channels (conference call or videoconference, for example) and that, when economically feasible, the travel should be made by train rather than by plane.

Removal of waste bins near the work stations

The Bank proceeded to the general removal of waste bins, with the purpose of rationalizing the configuration of the workstations in the Bank's Central Services, contributing to the reduction of waste and, above all, their correct separation and recycling. This means that paper/cardboard will be placed in the collection points placed in all wings near the printers and that the unsorted or organic waste and plastic should be placed in the collection points available in the leisure areas

**MENOS CAIXOTES DO LIXO
MAIS RECICLAGEM**

SERVIÇOS CENTRAIS

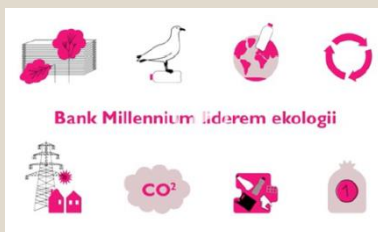
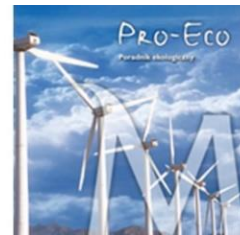
MILLENNIUM. AQUI CONSIGO.



Poland

Pro-Eco Environmental guide for clients and employees

This guide, available for all Employees and Clients of the Bank (through the intranet and the internal portal), gives several “tips” on the adoption of good practices, environmentally responsible, at the office and at home, including the selective separation of electric and electronic waste, as well as on the consumption of material, water and energy resources.



In 2018, the Bank developed a video presenting advices on how to protect the environment in the work place, which was made available to all employees via intranet, and was seen by more than 1000 individuals.

At the end of the year, an internal campaign for the collection of electronic waste in Warsaw headquarters building was carried out during 5 days. About 150 kg of electronic waste was collected from employees.

Switzerland

Environmental Signs Campaign

The Bank continued to use environmental signs in common spaces to increase the Employee's awareness of the need to reduce consumption of water and electricity.

Sustainable Mobility

The Employees are strongly encouraged to use, whenever possible, videoconference solutions.

Mozambique

Project "Uma Cidade Limpa Para Mim" contributes to the first tile wall made from recycled plastic in Africa

Within the scope of the project "Uma Cidade Limpa Pra Mim" integrated in the programme of Social responsibility "Mais Moçambique pra Mim", Millennium bim supported a pioneering initiative in the African continent: the production and execution of a tile wall made from recycled plastic collected at the beaches and streets of Maputo;

The tile wall was inaugurated by the Mayor of the city, in a ceremony that brought together several companies that wanted to join the project. The event was attended by several students, who painted sculptures of a sea turtle and a hippopotamus, symbols of the Mozambican fauna, as a way to raise awareness on the risks of pollution caused by plastic waste in the rivers and beaches of the country.

Millennium bim continued this environmental education project, which aims to warn civil society about the need to appreciate and preserve public spaces, as well as educate children and young people to the importance of implementing good hygiene habits in schools and neighbourhoods.

The Bank therefore strengthens its commitment to education and environmental protection, two of the action pillars of the Bank's social responsibility programme, which has been implemented over the years with a significant impact on the lives of Mozambicans.



Project for the decoration and painting of garbage cans in a partnership with ISARC - Instituto Superior de Artes e Cultura, in Mozambique, continuing its commitment of fostering a responsible environmental attitude in the community.

Millennium bim joined ISARC - Instituto Superior de Artes e Cultura to develop a project for decorating and painting waste bins to be placed in the city of Maputo, keeping its commitment to enhance a spirit of environmental responsibility near the local community. For the third consecutive year, the Bank supported the assembly of waste bins in tourist sites in the city.

Ecological footprint

As noted above, the BCP Group regularly monitors a series of environmental performance indicators which measure the Bank's eco-efficiency with regard to its main consumption of resources¹.

Globally, the bank again recorded a year of improvement of the eco-efficiency levels due to the ongoing investment in the optimization of procedures, the installation of the photovoltaic solar plant, the focus on de-materialisation, as well as awareness actions to change employees' daily behaviour regarding the rational use of resources.

As to the environmental performance indicators of the BCP Group per employee (indicated in the following table), we can observe an improved performance of all the environmental indicators, with exception of plastic and water for human consumption. The increases are mainly due to the operation of Mozambique in the case of plastic, and to the operation of Poland in the case of water consumption.

ECOLOGICAL FOOTPRINT OF THE MILLENNIUM GROUP PER EMPLOYEE²

	Unit.	2018	2017	2016	Var.% 18/17
CONSUMPTION PER EMPLOYEE					
Ink cartridges and toners	Kg	0.09	0.10	0.14	-12.6%
Paper	Kg	67.74	76.98	66.13	-12.0%
Plastic	Kg	4.17	3.85	3.91	8.1%
Water for human consumption	m ³	11.39	11.38	11.98	0.2%
Electricity	MWh	4.92	5.62	5.94	-5.5%
Total Emission of GHG	tCO ₂ eq	3.76	4.22	4.48	-11%

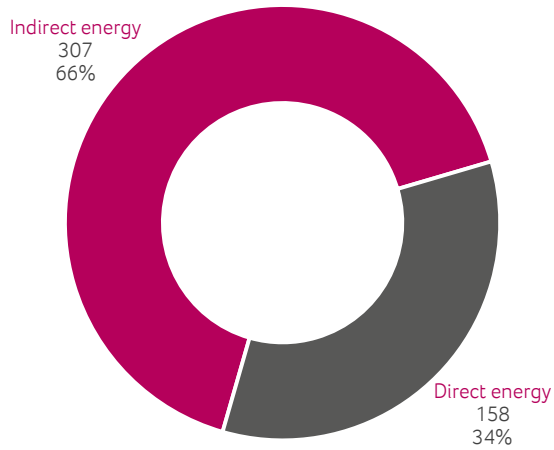
Energy Consumption

The Bank's consumption of energy is mostly of indirect origin (electricity and thermal energy) and meets 66% of the Bank's energy needs. In 2018, a reduction trend in indirect (-8%) and direct (-25%) energy consumption continued compared to 2017, resulting from reductions in the various geographies due to the energy efficiency measures that the Group has been implementing.

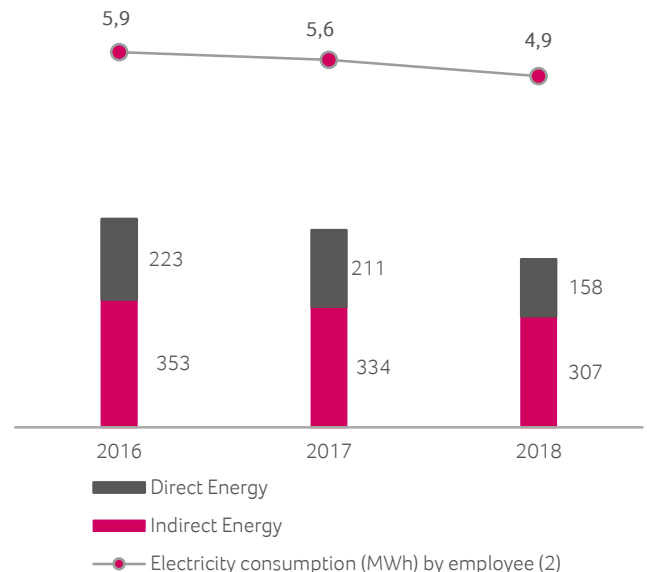
¹ The environmental performance of all the Bank's operations was monitored in 2018, namely in Portugal, Mozambique, Switzerland and Poland, and the consumptions of previous years were presented within the same geographical scope in order to ensure an effective comparability of the results, with the exception of Mozambique whose energy (direct and indirect) and water consumption figures are yet not available since 2016.

² Includes the operations in Portugal, Mozambique, Poland and Switzerland regarding the consumption of materials (ink and toner cartridges, paper and plastic); the operations in Portugal, Poland and Switzerland regarding the consumption of electricity (includes the co-generation plant) and emissions, and only Portugal and Poland regarding water consumption (excludes watering of green areas and cooling towers).

Direct and indirect energy consumption in 2018 (Tj and %)

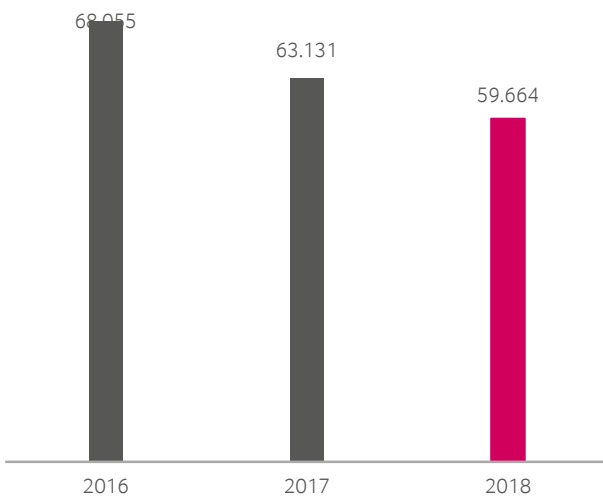


Total energy consumption - GRI 302-1 (Tj and Mwh/colaborador)



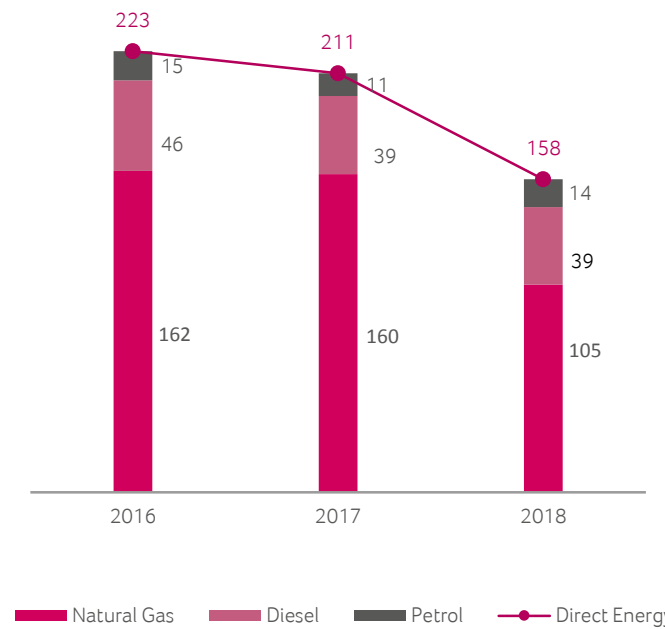
⁽²⁾ Includes the cogeneration plant in Portugal, excludes the data center in Portugal and data from Mozambique.

Electricity energy consumption⁽¹⁾ (MWh)

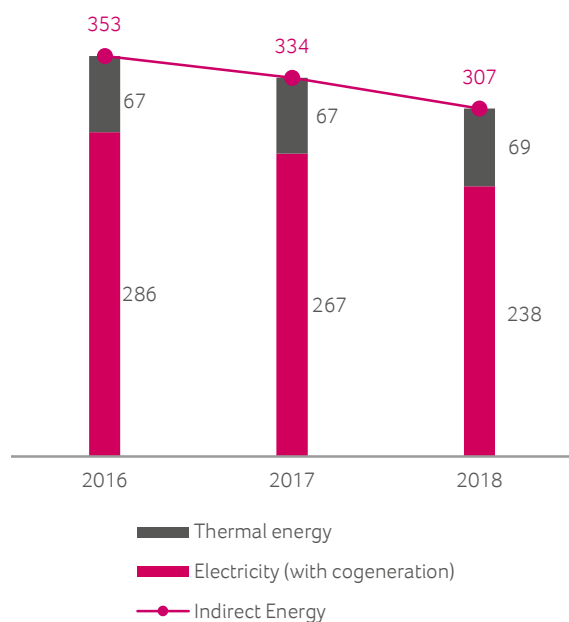


⁽¹⁾ Does not include the cogeneration plant and data center in Portugal, neither energy consumption in Mozambique.

Direct energy consumption (Tj)



Indirect energy consumption (TJ)



⁽¹⁾ Includes electric energy consumption for Portugal, Poland and Switzerland, excludes the data center in Portugal

Concerning the domestic activity, BCP in Portugal reduced all types of energy consumption by 23% in total, and succeeded in attaining its annual target (-3%). Electricity from the utilities grid fell 9% vs. 2017, as mentioned above, a reduction which enabled to avoid the emission of around 2,673 tons of CO₂ and to save more than 500 thousand euros.

The co-generation plant in Tagus Park produced 16% of the electricity consumed by the Bank, a decrease of 7 pp of the consumption of own-production already registered in previous years.

Portugal

2018 reduction goals:

3% in energy consumption: 23% reduction, **achieved**

4% in the consumption of electricity from the public network: 9% reduction, **achieved**

2019 reduction goals:

4% in energy consumption

4% in the consumption of electricity from the public network

CO-GENERATION CENTRE OF TAGUS PARK

	Unit.	2018	2017	2016	Var.% 18/17
Electricity					
Consumed	MWh	6,517	11,033	11,378	-41%
Sold	MWh	41	845	962	-95%
Total	MWh	6,559	11,879	12,399	-45%
Total electricity from the public network	MWh	33,556	36,860	38,991	-9%
Consumption auto-generation / total consumption	%	23	23	16	- 7 p.p

Internationally, there was an increase in direct and indirect energy consumption in the Polish operation of 4% and 1% respectively, while in Switzerland there was a reduction of 7% to 2017.

MILLENNIUM BCP ENERGY EFFICIENCY PATH IN PORTUGAL (2010-2018)

Main measures implemented

Replacement of traditional lamps by LED technology

Optimization of the operating parameter of lighting equipment, HVAC and thermal power station

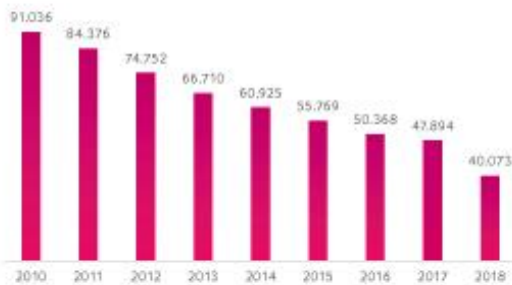
Green IT Program

Environmental Signs Campaign

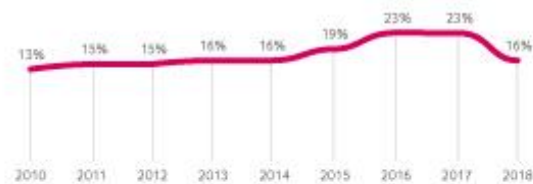
Periodic monitoring of energy consumption and energy audits

Installation of photovoltaic solar power plant

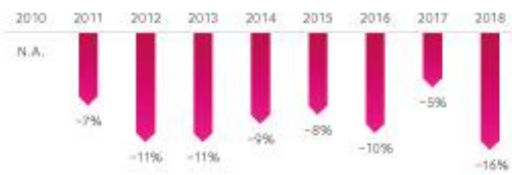
Electric energy consumption (MWh)



Percentage of energy consumption from the Cogeneration Plant



Percentage of reduction in electric energy consumption



MWh/employee



Electric energy consumption

Reduction in
56%

Electric energy consumption/Employee

Reduction in
37%

Energy and indoor air quality certification

Classification B
71%

Material issue:

CLIMATE CHANGE

Greenhouse Gas Emissions (GHG)

BCP assumes the commitment to adjust itself to climate changes, providing its contribution for the reduction of the greenhouse gas emissions. The Group's carbon footprint is assessed every year. The Bank also took part in the CDP (Carbon Disclosure Project), and has obtained a Management B classification in 2018.

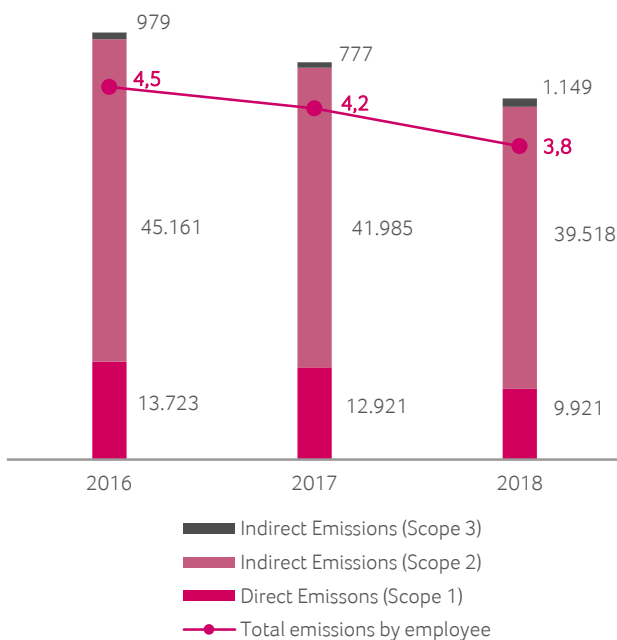
Commitment associated with the adjustment to climate change

Recognising that the climate change is a reality which cannot be ignored, the commitment of Group BCP is based on minimising its carbon footprint and on supporting its clients in the transition into a low carbon economy so as to reach the objectives defined by the international political agenda.

Overall, the GHG emissions associated with the Group's banking activity continued to decline in 2018, and a decrease of 9% compared to 2017 was registered, as a result of the continuous implementation of several energy efficiency measures introduced in the various geographies where the Bank is present, identified in the previous section.

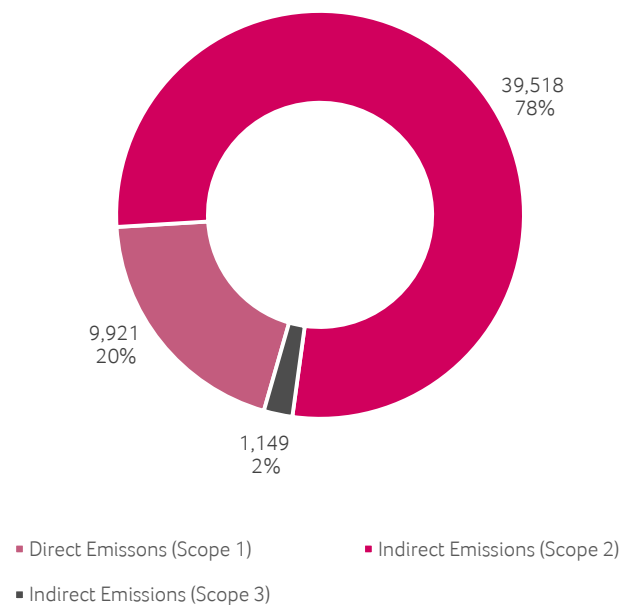
In overall terms, the emissions associated to fuel consumption (scope 1) recorded a slight decrease of 23% compared to the previous year, mainly caused by a reduction in emissions associated with the consumption of natural Gas. Emissions associated to electricity/heat consumption (scope 2) rose slightly around 6%. In emissions associated to service mobility (scope 3) there was an increase of around 48%, mainly due to the emissions increase of plane and rail travels.

GHG emissions
(tCO₂e)

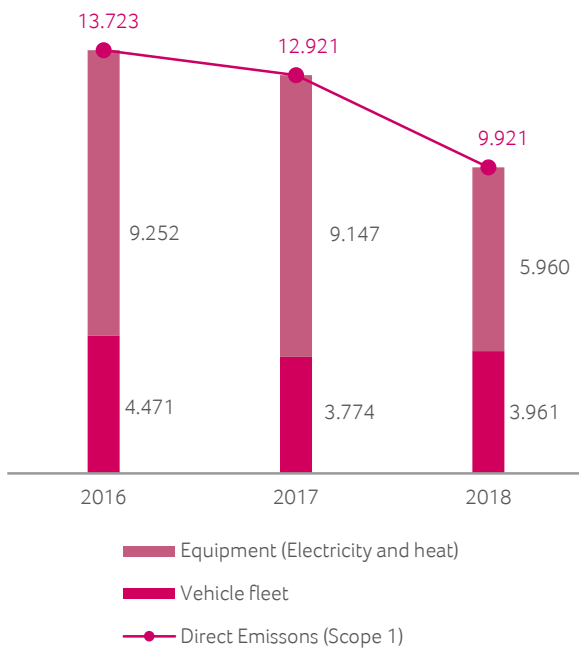


^(*) Does not include Mozambique.

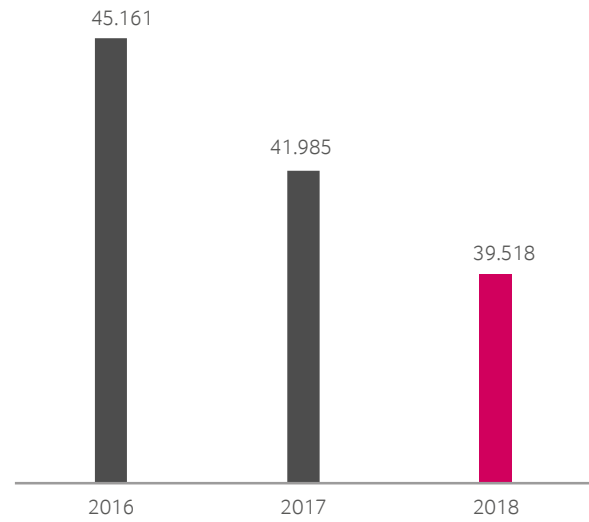
Total emissions (Scope 1, 2 and 3) in 2018
(tCO₂e and %)



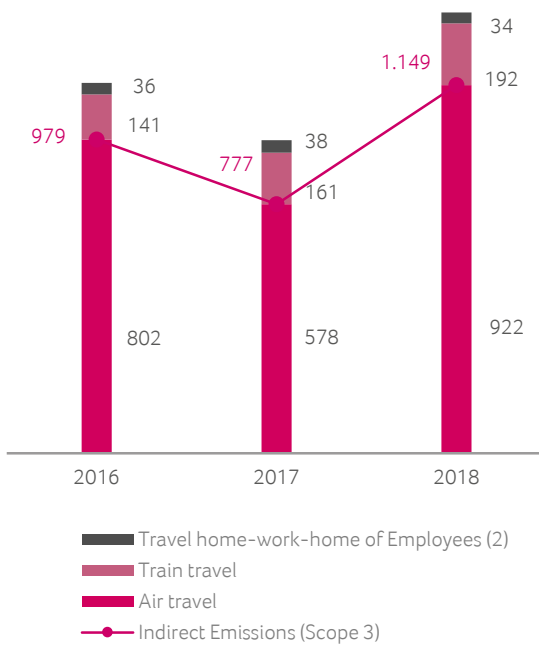
Direct GHG emissions (Scope 1) - GRI 305-1 (tCO₂e)



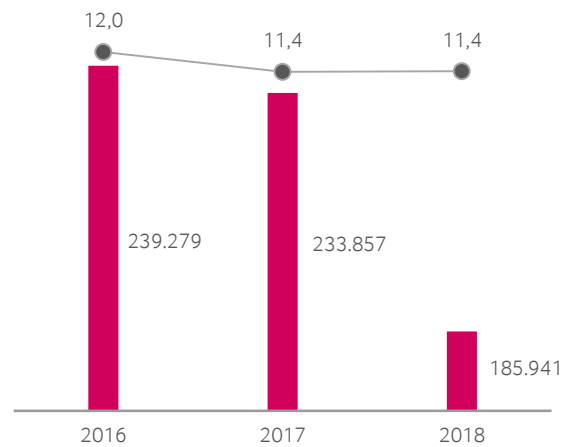
Indirect GHG emissions (Scope 2) - GRI 305-2 (tCO₂e)



Indirect GHG emissions (Scope 3) - GRI 305-3 (tCO₂e)



Water consumption- GRI 303-1 (m³)



^(*) Does not include Mozambique and Switzerland.

Concerning domestic activity (Portugal), Millennium bcp recorded a 26% reduction in its greenhouse gas emissions versus 2017, exceeding the pre-defined goal (a 5% reduction in CO2 emissions).

Direct emissions fell 27% year-on-year, mainly due to the decrease in the consumption of fuel, namely natural Gas. Indirect emissions associated with electricity consumption decreased by 26% compared to the previous year, due to the reduction in electricity consumption from the public grid, while indirect emissions associated with mobility (scope 3) increased approximately 15% due mainly to the increase in long-haul travel.

Portugal

2018 reduction goals

5% of CO2 emissions: 26% reduction, **achieved**

2019 reduction goals:

7% of CO2 emissions

Water consumption

Overall, the total consumption of water in Group BCP has reduced approximately 6% in 2018, partly due to the reduction in water consumption for irrigation.

In Portugal, in Taguspark, total water consumption was 105,392 m3, down 35% from the previous year due to the decrease in the use of public water for irrigation of the green areas of the Bank's facilities. Therefore, the annual target of 2% reduction in water consumption was achieved.

Portugal

2018 reduction goals:

2% in energy consumption: 35% reduction, **achieved**

2019 reduction goals:

3% in water consumption

WATER CONSUMPTION IN PORTUGAL (M²)

Water consumed	Unit.	2018	2017	2016	Var.% 18/17
Coming from public network	m3	105,392	161,779	146,486	-35%
Reuse of rain water	m3	0	0	19,981	0%
Total	m3	105,392	161,779	166,467	-35%

Consumption of materials

Overall, BCP recorded an 8% reduction in the consumption of its main supplies (paper and cardboard, plastic, and toners and cartridges), thus maintaining the trend of previous years as a result of process optimization measures.

The most consumed materials in terms of weight and quantity continue to be paper and cardboard, which, in overall terms, fell by 9% in relation to 2017, as a result of the dematerialisation initiatives that have been implemented in all the geographic areas. Ink and toner cartridges also showed a 11% reduction due to measures adopted to decrease printed documents and promote scanning.

In Portugal, in 2018, a decreasing tendency in the use of paper and cardboard continued, 9% compared to the previous year, which did not reach the established annual target (-10% of material consumption). We must point out that the A4 and A3 paper brand used by the Bank has an Eco-label certificate of the European Union which certifies that the paper manufacturing process is environmentally sound.

Portugal

2018 reduction goals:

10% in materials consumption: 9% reduction, **not achieved**

10% in energy consumption: 15% reduction, **achieved**

10% in the consumption of plastic: 10% increase, **not achieved**

2019 reduction goals:

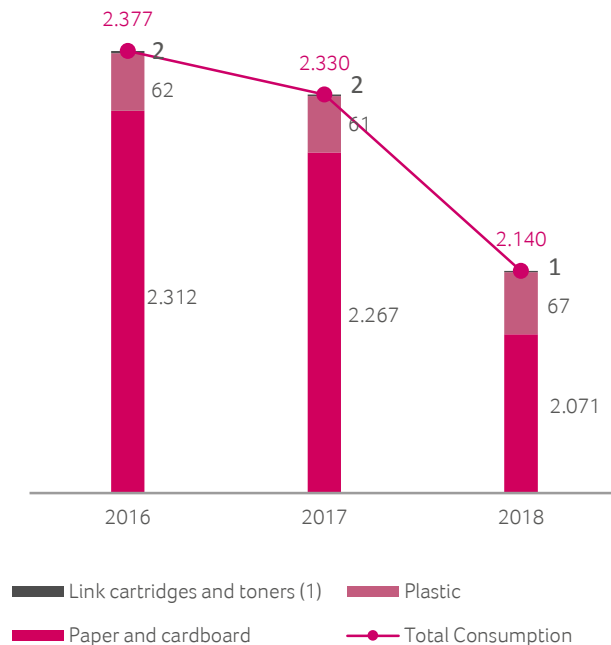
10% in materials consumption

10% in paper consumption

10% in plastic consumption

Materials consumption - GRI 301-1

(t)



WASTE PRODUCED BY BCP GROUP

GRI 306-2

Waste produced	Unit.	Paper and Cardboard			Plastic		Ink cartridges and toners		
		2018	2017	2016	2018	2017	2018	2017	2016
Activity in Portugal	t	322.7	264.5	278.5	28.5	25.9	0.7	0.8	1.2
International activity	t	298.4	289.8	224.6	26.4	23.0	0.8	0.9	1.0
Total	t	621.1	554.4	503.1	54.9	48.8	1.5	1.7	2.3

With regard to waste production, by 2018, there was an overall increase in waste, at around 12%, namely waste paper, cardboard and plastic. However, there was an 11% reduction of ink and toner use.

In Portugal, there was also an estimated increase of 21% in total waste, mainly concerning plastic (10%) paper and cardboard (22%), the last two due to the increase in use of archive boxes that were sent to be destroyed. Similar to the Group, in Portugal there was also a reduction of 10% in ink and toner use. The recycling of paper and cardboard already provided the Bank with an additional income of around 249 thousand Euros between 2013 and 2018.

Portugal

2018 reduction goals:

8% in waste production: 21% increase, **not achieved**

2019 reduction goals:

10% in waste production



ENVIRONMENTAL PERFORMANCE – BCP GROUP

	Unid.	2018		2017		2016	
		Figure:	Var.% 18/17	Figure:	Var.% 17/16	V Figures	Var.% 16/15
ELECTRICITY(*)	MWh	66,181	-11%	74,165	-7%	79,433	-9%
ENERGY							
Total	TJ	465	-15%	545	-5%	575	2%
Direct	TJ	158	-25%	211	-5%	223	11%
Indirect	TJ	307	-8%	334	-5%	353	-3%
WATER	m3	185,941	-20%	233,857	-2%	239,279	-3%
WASTE PRODUCTION	t	677	12%	605	9%	555	-53%
MATERIALS							
Total	t	2,140	-8%	2,330	-2%	2,377	-7%
Cardboard/paper	t	2,071	-9%	2,267	-2%	2,312	-7%
Plastic	t	67	10%	61	-2%	62	17%
Ink cartridges/Toners	t	1	-11%	2	-27%	2	-12%
CO2							
Total	tCO2eq	50,588	-9%	55,683	-7%	59,864	2%
Direct Emissions	tCO2eq	9,921	-23%	12,921	-6%	13,723	10%
Indirect Emissions	tCO2eq	40,667	-5%	42,762	-7%	46,140	0%

(2) Does not include the co-generation plant and the data centre in Portugal and the data from Mozambique.