

2018

ECOPILAS ANNUAL REPORT



FUNDACIÓN para la Gestión
Medioambiental de Pinar

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SUMMARY

ECOPILAS 2018 ANNUAL REPORT



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LETTER FROM THE CHAIR



Firm commitment to responsibility



As chair of environmental foundation Ecopilas, it brings me great satisfaction to share our progress report for 2018, unquestionably a record-breaking year thanks to the remarkable milestones we've achieved. I'd like to begin this letter by thanking all the people, authorities, companies and institutions whose support has contributed to our work.

Broadly speaking, these milestones translate into 6,213 tonnes of processed batteries of every type -mobile, industrial and automotive- double the 3,033 tonnes recorded for 2017. A key factor behind this significant rise was the fact that Ecopilas tripled its volume of industrial batteries, representing 54.6% of the total number of batteries processed in 2018.

Moreover, we collected 2,538 tonnes of household batteries, equivalent to 41% of batteries sold last year, placing us just four points away from the rate required by legislation. Thanks to these figures, in 2018 we have almost reached a total of 30,000 tonnes.

This achievement is shared by the 897 manufacturers who are already members of our foundation, an 11% increase on last year, and is also partly due to the creation of 1,780 new collection points, consolidating our network as the largest in Spain and one of the networks with the greatest coverage in Europe with 37,318 collection points.

Of course, this success is also linked to the fact that, fortunately, the Spanish public is increasingly aware of the importance of disposing of their batteries in recycling containers. The public demonstrated its awareness in



José Pérez García
Chair of Ecopilas

2018 by participating in the collection campaigns that we continue to run at sports events and by contributing to the success of two campaigns in particular: "Adopt a collection bin" and "Welcome a container".

Thanks to the first initiative, the foundation distributed 12,500 household collection bins to Spanish homes while the second saw 182 containers sent to schools across Spain.

Essentially, the key to this highly satisfying report is a model based on a firm commitment to responsibility towards our member companies, the authorities and society in general, who this year once again all responded to our call for collaboration.

I would therefore like to once again express our thanks to you for placing your trust in our management model and the human team behind Ecopilas, who have made a decisive contribution to establishing our foundation as the best solution to ensuring the sustainability of our environment.



2 ABOUT US



ECOPILAS

Ecopilas, a non-profit foundation, was created in 2000 by the leading battery manufacturers and importers for the correct environmental management of waste batteries across Spain.

It is defined by current legislation as a Collective System of Expanded Producer Responsibility (SCRAP), applicable to manufacturers, importers and distributors, for the environmental management of waste batteries.

Ecopilas has over 897 member companies and is the largest collection system in Spain in terms of portable batteries, industrial batteries and electric vehicles; it's a reference point in Spain and around the world as a management model for waste batteries.

One of the keys to achieving the foundation's aims has been Ecopilas' operation to establish the largest collection network for waste portable batteries in Spain with over 37,300 collection points to date. As a result the foundation has been able to process over 29,000 tonnes of used batteries since legislation came into force in Spain in 2008.

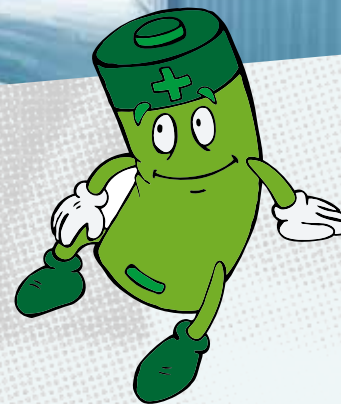


FOUNDATION for the
Environmental Management
of WEEEs

ECOPILAS HAS ESTABLISHED THE WIDEST NETWORK OF PORTABLE BATTERY COLLECTION POINTS IN SPAIN WITH OVER 37,300 COLLECTION POINTS TO DATE, HELPING US PROCESS OVER 29,000 TONNES OF USED BATTERIES.

DID YOU
KNOW?





BOARD OF TRUSTEES

The Board of Trustees is the foundation's governing body. It is comprised of representatives from battery manufacturers, battery-powered electrical device manufacturers and representatives from the distribution sector.

Its key functions include approving the foundation's budgets and any modifications to its bylaws and setting the tariffs that are applicable to the various batteries released to market by member manufacturers.

STRUCTURE OF ECOPILAS BOARD OF TRUSTEES

CHAIRMAN	José Pérez García	Ecopilas
MEMBERS	_____	SONY EUROPE BV Sucursal en España
	Andreu Vila Ramos	FUNDACIÓN ECOTIC
	Idoia Marquiegui	ANGED
	Benigno Martínez González	SAFT BATERÍAS, S.L.
	Jaime Corderas Vilaró	Panasonic España, Sucursal de Panasonic Marketing Europe GmbH
	Ramón José Campos García	IMPREX EUROPE, S.L.
SECRETARY	Gonzalo Torralbo Pérez	Ecopilas
<i>Non-trustee</i>		



3 COMPANIES AND SECTORS



COMPANIES AND SECTORS

At 31 December 2018, Ecopilas has 897 member companies, a 11% increase on last year. The consumer electronics, telecoms and IT sector stands out, representing 46% of all member companies.

Other key sectors are producers that exclusively manufacture in the battery sector (12% of member companies), and the electromedicine sector, which uses batteries in a wide variety of products (11% of member companies.)

%	SECTORS	N° OF COMPANIES
46%	ELECTR.CONSUM/TELEPHONE/I.T.	411
12%	BATTERIES	106
11%	ELECTRO-MEDICINE	101
9%	SMALL HOUSEHOLD APPLIANCES/HARDWARE/DIY/ELECTRICS	79
7%	TOYS/LEISURE/SPORTS	67
7%	PROFESIONAL/INDUSTRIAL	60
3%	DISTRIBUTION	29
3%	TELECOMS AND RADIOCOMMUNICATIONS	28
2%	OFFICE I.T.	16
	TOTAL	897



DID YOU KNOW?

ECOPILAS REPRESENTS MORE THAN 900 BATTERY COMPANIES, MANUFACTURERS AND IMPORTERS FROM VERY DIFFERENT FIELDS OF ACTIVITY.

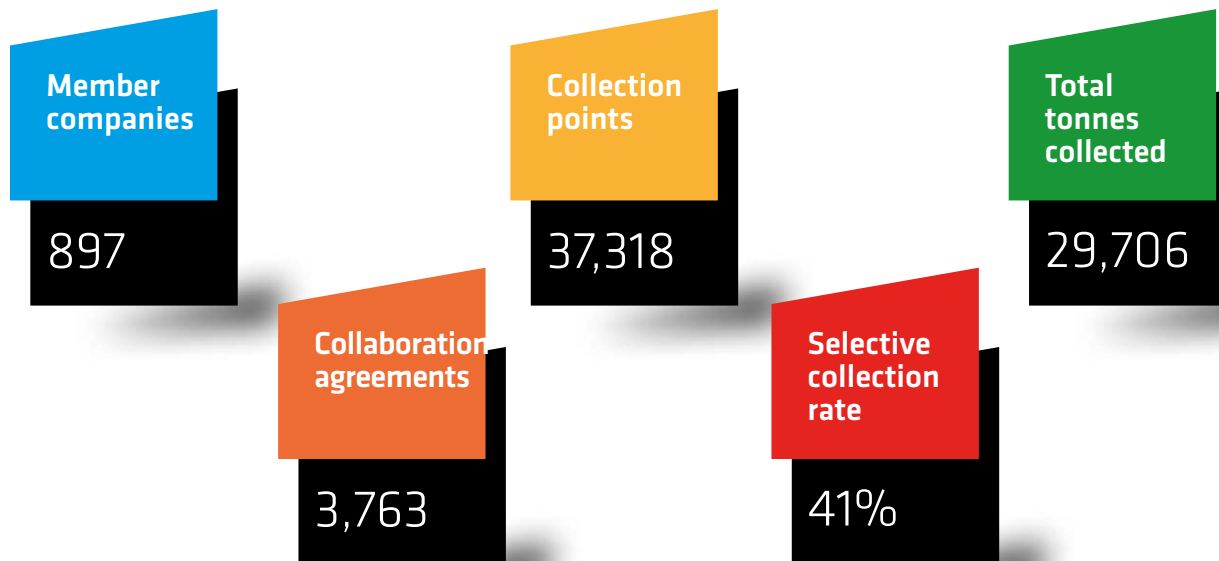


4 2018 FIGURES



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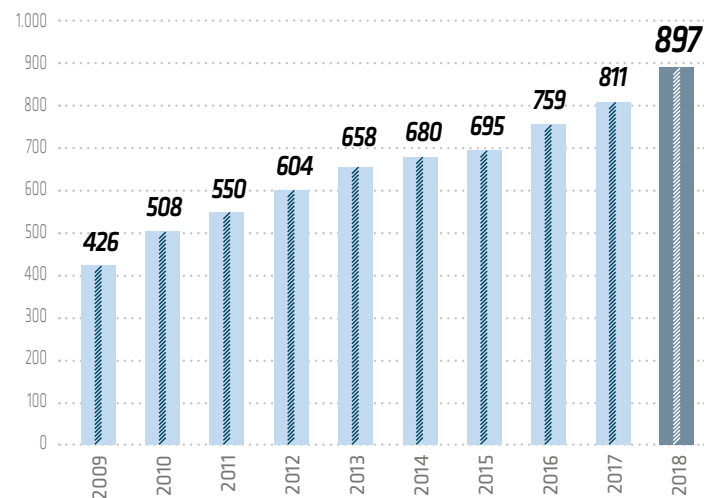
SUMMARY OF KEY FIGURES



SUMMARY OF KEY FIGURES

The 11% increase in Ecopilas member companies in 2018 demonstrates the trust placed in our organisation by battery producers and our leadership in the sector.

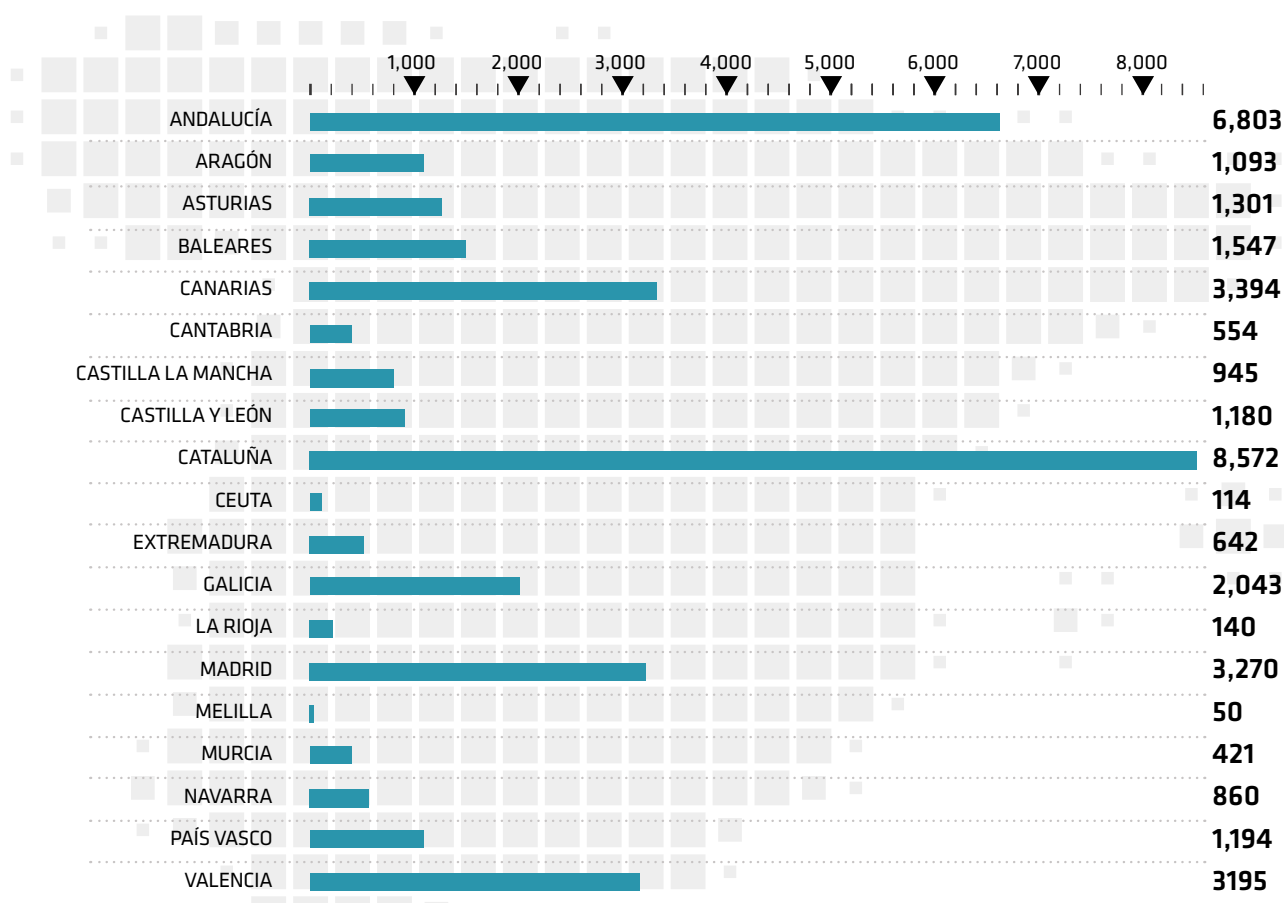
Ecopilas predicts a constant increase in activity over the next few years, given that the market and variety of battery-powered electrical and electronic devices have also expanded significantly.



COLLECTION POINTS BY AUTONOMOUS REGION



Ecopilas' main aim is to have a collection network that is accessible and close to the public. One of the most important tools it uses to achieve this objective is a collection points search tool on the www.ecopilas.es website that can be used to locate the nearest public battery collection point.



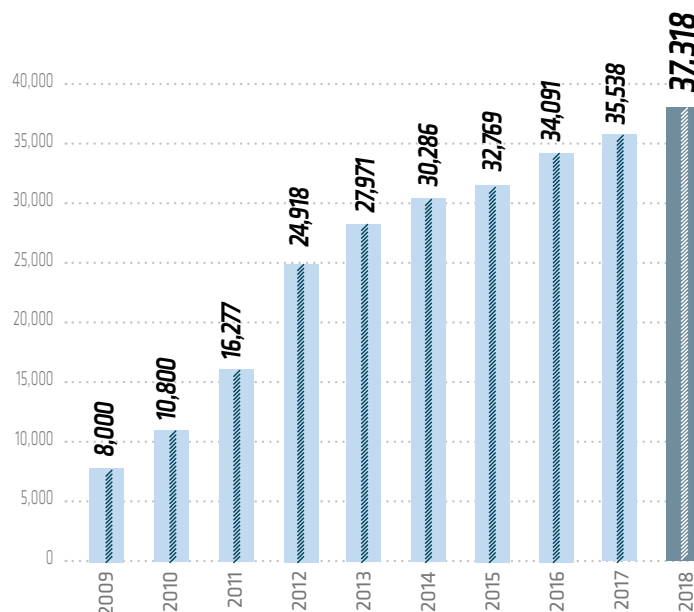
TOTAL COLLECTION POINTS

37,318

GROWTH OF COLLECTION POINTS



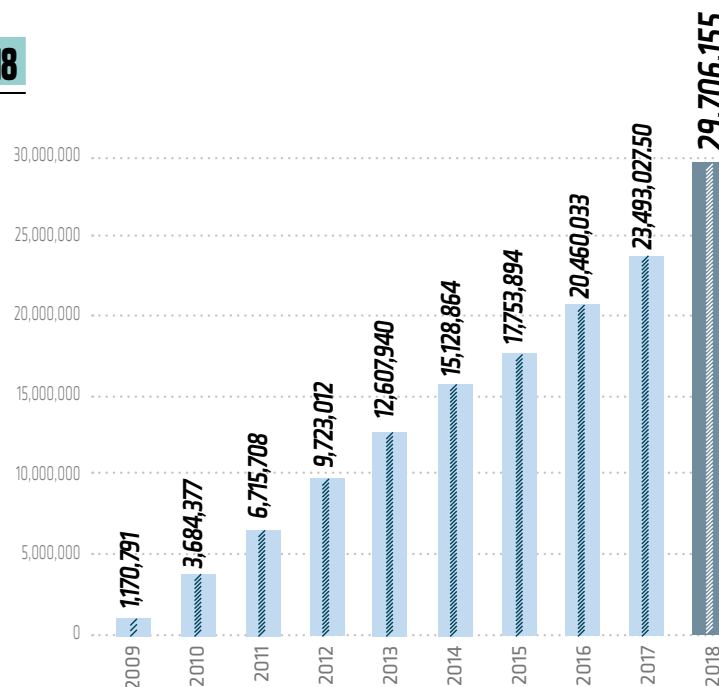
The Ecopilas battery collection network **is the second widest in Europe with over 40,000 containers at 37,318 collection points** across Spain.



CUMULATIVE QUANTITY COLLECTED 2008-2018



In 2018, the Ecopilas collection network **reached a total of 29,706 tonnes of batteries** collected since the start of our activity. This result is due to the constant growth of our collection network and the awareness and collaboration of the public.



KG COLLECTED 2018

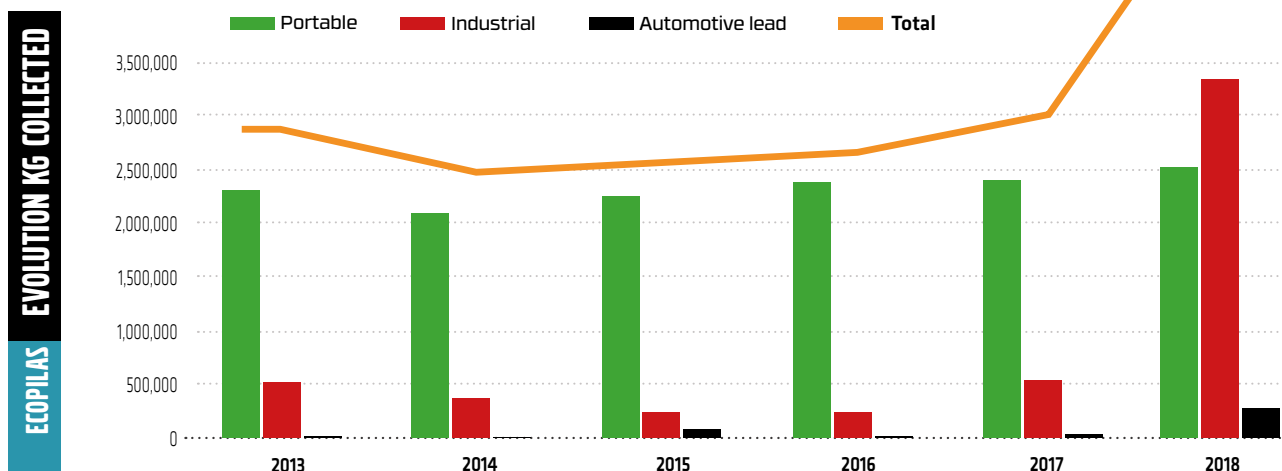
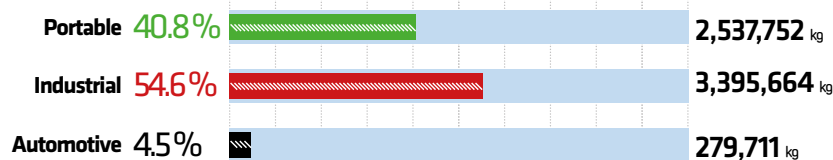
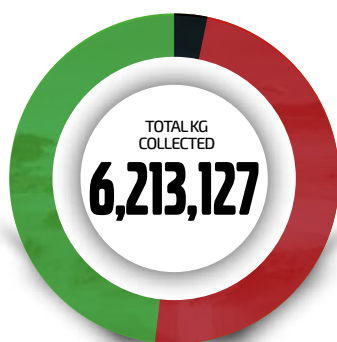


We collected over 6,000,000 kg.

In 2018 the total amount of used batteries collected by the Ecopilas network was 6,213,127 kg. Industrial batteries represented 54.6% of the total amount of batteries collected by Ecopilas, a significant increase at almost three times greater than the figure of 19% recorded in 2017. Portable batteries represented 40.8%.

THE COLLECTION RATE OF THE ECOPILAS CONTAINER NETWORK FOR PORTABLE BATTERIES WAS 41%

DID YOU KNOW?



DISTRIBUTION OF ECOPILAS COSTS

Used battery management is the most important item in Fundación Ecopilas' costs for 2018. This item comprises the expense of collecting and recycling batteries in compliance with the requirements of current legislation and using the most efficient recycling plants in Europe for each type of battery.

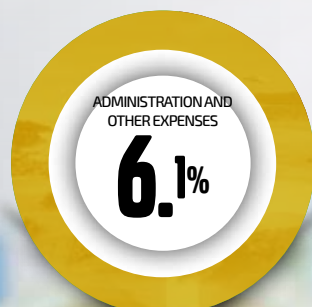
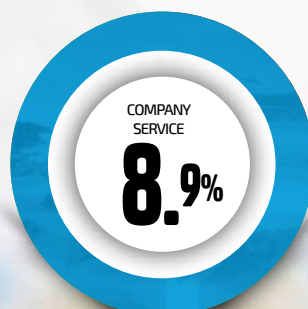
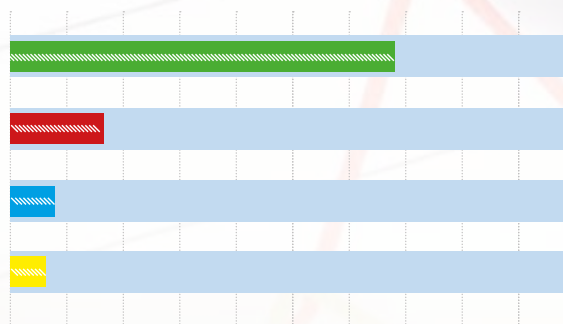
Communication expenses occupy a significant place in the Ecopilas cost structure, given that under current legislation we are obliged to allocate part of our resources to this item. In 2018, Ecopilas allocated 10.18% of its total expenses to communication and public awareness.

Waste management 68.1%

Institutional and communication 16.8%

Company service 8.9%

Administration and other expenses 6.1%





5

**ECOPILAS
OPERATIONS**



ECOPILAS OPERATIONS

PORTABLE USE

At Ecopilas the primary collection channel for collecting portable batteries is the professional and industrial networks at 37%, followed by municipal collections at 36% and distribution networks at 27%.

Municipal: includes municipal recycling facilities, schools, public centres and municipal collection network containers.

Distribution: primarily composed of Ecopilas’ own network of containers located in retailers, supermarkets and department stores.

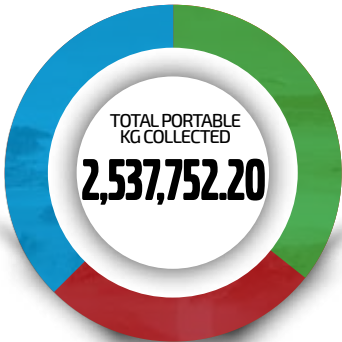
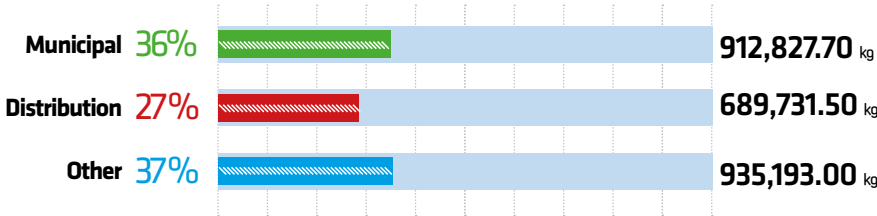
Other: professional and industrial collections.

DID YOU KNOW?

ECOPILAS HAS A WIDE RANGE OF CONTAINERS THAT CAN ADAPT TO ALL TYPES OF BATTERIES AND LOCATIONS, GUARANTEEING A VERY HIGH LEVEL OF COLLECTION COVERAGE THROUGHOUT SPAIN.



Ecopilas has a wide range of containers that can adapt to all types of batteries and locations, guaranteeing a very high level of collection coverage throughout Spain. The “tube collection bin” is the most commonly used format in the collection network because it is designed for locations with high levels of public traffic. Thanks to their visibility and unbeatable locations, they are the perfect solution for consumers who want to dispose of their used batteries.

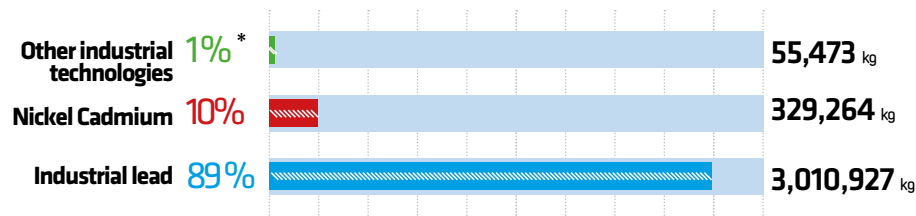


ECOPILAS OPERATIONS

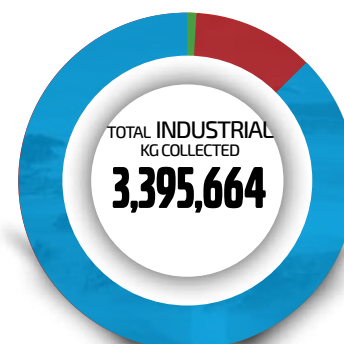
INDUSTRIAL USE

The size and composition of industrial batteries means that they are potentially far more dangerous than portable batteries and therefore must be collected separately following strict safety procedures that guarantee their correct final processing at a treatment plant.

Ecopilas has created two specific channels for industrial collection, adapted to the needs of manufacturers and the most common types of technology that use this type of product, also ensuring that the collection and processing of these batteries is fully traceable.



(*) This category has far lower values because it includes batteries used in emerging technologies such as electric vehicles (cars, bicycles, motorbikes, scooters) and self-charging batteries.



CANAL INDUSTRIAL NiCd

NiCd batteries are commonly used at large industrial facilities in the electrical and rail sectors and by oil and gas companies. They are highly popular for intensive use due to their reliability but using these batteries requires significant safety measures to be in place. They also need to be carefully controlled because they are potentially harmful to the environment.

ECOPILAS

87%

% Industrial NiCd POM

13%

OTHER MARKET

CHANNEL INDUSTRIAL LEAD

The industrial lead collection channel is another important industrial-use battery operation implemented at Ecopilas. This collection channel currently makes up 89% of all the industrial collections Ecopilas carries out, due to the agreements Ecopilas has reached with the major recyclers of lead acid batteries in Spain to guarantee the correct treatment of this type of waste.

NOT JUST CARS

In 2013 Ecopilas launched an operation to collect and end process batteries from electric vehicles; this was warmly welcomed by the manufacturers of these vehicles because these processes form the basis of a sustainable future for this type of waste.



DID YOU KNOW?

ACCORDING TO THE DEFINITION IN RD106/2008, AUTOMOTIVE BATTERIES ARE EXCLUSIVELY ANY BATTERIES USED BY THE STARTER, IGNITION AND LIGHTING MECHANISMS OF VEHICLES, REGARDLESS OF THE TECHNOLOGY USED.

At present, over twenty major electric vehicle manufacturers and importers are members of Ecopilas and they have placed their trust in us, with our experience in processing used batteries, to launch the collection operations these large companies require.

The electric vehicle channel also includes industrial batteries used by electric motorbikes and bicycles, two markets that are currently in expansion.

ECOPILAS is already responding to these sectors by providing information on safe storage good practice, addressing both producers and collection points so that the waste produced by these batteries, which normally use Li-ion based technology, can be suitably processed.

OVER TWENTY MAJOR ELECTRIC VEHICLE MANUFACTURERS AND IMPORTERS ARE MEMBERS OF ECOPILAS

DID YOU KNOW?



6 COMMUNICATION AND EVENTS



SOCIAL NETWORKS AND WEBSITE



During 2018 Fundación Ecopilas image continued to position itself firmly in the public mind through general media channels, and specialist and on-line channels that targeted a more specific public and group of professionals.

In general, young people, sports fans and environmental advisors were focused on via the new website and social media.

The www.ecopilas.es website has been completely redesigned over the course of the year and both the Spanish and English versions now have a responsive design, animations and new content; during 2018 it received a record figure of over 158,600 visits, four times higher than the 2017 result.

In line with current publicity campaigns, the most visited sections of the website were: "Adopt a collection bin" and "Find your nearest container". The latter provided access to our database so that, in just seconds, users could find their nearest collection points by entering a street name or postcode.

The @Ecopilas Twitter profile has almost reached 5,400 followers with over 223,000 annual impressions (the number of times a tweet appears in a person's timeline), representing an average of 18,000 impressions per month.

The Ecopilas Facebook Fan Page ended 2018 with 3,200 followers, tripling the reach of its various publications through the support of campaigns run on this social network, exceeding 42,000 people in several months in the second half of the year.

Events and activities that Ecopilas organised or collaborated on during the year also made waves on Instagram (over 300 followers) and LinkedIn (over 600 followers); both are shared profiles with the other foundations managed by Recyclia.

During 2018, Ecopilas continued to be the unchallenged reference point for information about processing used batteries in Spain.



VUELTA A ESPAÑA 2018

Ecopilas collected 1,500 kg of used batteries during the waste battery recycling campaign that it ran during the 2018 Vuelta de España cycling race. This figure is equivalent to 75,000 batteries and the foundation doubled the number of batteries processed at the previous year's race, reaching 75% of the target that was set for this event.



It is important to note the high level of participation by spectators at the Vuelta de España in the Autonomous Communities of Andalusia and Castille and León who collected 500 kg and 250 kg of batteries respectively. In addition, Fermoselle in Zamora deposited the most batteries for recycling during the 2018 race with 152 kg. It was followed by Roquetas de Mar (Almería) and Talavera de la Reina (Toledo) with 105 kg and 80 kg respectively.

The collection figures obtained in 2018 were the result of intense work by Ecopilas with more than 40 town halls in the various towns that hosted the starting and finishing lines in the 21 stages of the Vuelta. The aim was to raise awareness among local fans of the importance of recycling household batteries and to provide them with the means to correctly dispose of their waste.



Just as it has done every year since 2014, Ecopilas installed containers at the various starting and finishing lines across Spain and distributed household collection bins among fans. The people who deposited the most batteries in their containers won tablets and suitcases.

It should be highlighted that Ecopilas began to run environmental awareness campaigns at sports events in 2011 thanks to the warm reception by fans and their predisposition to collaborate with causes that support environmental protection.



OWN CAMPAIGNS

LUGO COLLECTS

In 2018, Ecopilas launched “Lugo Collects”, a pilot project that enjoyed the participation of around thirty town halls in the province and brought battery collection points closer to the public. Over three months, Lugo Collects visited the main towns in Lugo province; at each location it installed a travelling tent where a team of environmental monitors provided information and raised public awareness about the importance of contributing to battery recycling.



MAJORCA CYCLING CHALLENGE BALEARIC ISLANDS

In January 2018, Ecopilas once again lent its support to the Mallorca Cycling Challenge, the first big date of the year for professional cycling in Europe, which was held from 25 to 28 January. As in previous events, the foundation sponsored the Mountain Prize and carried out awareness campaigns among the Balearic population and cycling fans; thanks to this work it collected over 150 kg of used batteries.

The activity consisted of an information campaign and the installation of bins in the various towns that the race passed through across the island to raise awareness among fans of the importance of disposing of batteries separately and the environmental benefits of correctly processing waste.



PROVINCIAL GOVERNMENT OF BURGOS

For a third consecutive year, the Provincial Institute for Sport and Youth at the Provincial Government of Burgos and Ecopilas signed a collaboration agreement to run various environmental education programmes during 2018. Thanks to this agreement, 28 schools in Burgos took part in a battery collecting competition.

Similarly to previous years, the rest of the campaign involved sports competitions such as the Burgos Vuelta Ciclista cycling race and Atapuerca Cross-country race. Ecopilas installed containers at both races so that spectators could dispose of their household batteries for subsequent recycling.



LA INDURÁIN AND LAS MURALLAS

During the battery collection campaigns run by Ecopilas at the La Induráin and Las Murallas fun runs, the Navarre public deposited 200 kg of batteries in the containers installed by the foundation at the starting lines of both sports events. This figure is equivalent to the annual battery consumption of 1,000 people, around 8,000 batteries.

The successful reception of both awareness campaigns demonstrated Navarre's commitment to the environment; it is one of the Autonomous Communities that has the highest collection rate for waste batteries in Spain.



“WELCOME A CONTAINER” AND “ADOPT A COLLECTION BIN”



Making the public aware of the importance of disposing of domestic batteries in recycling containers has been one of the strategic axes of the Ecopilas awareness strategy since its launch in 2000.

Since it was launched, the foundation has distributed 182 containers; Andalusian schools have received the most with 29% followed by schools in Asturias (22%), Madrid (11%) and Valencia 9%.



Last year Ecopilas launched two initiatives and initial results confirm they have been a great success.

As part of the first initiative, “Adopt a collection bin”, participants could ask for a collection bin to be sent to their home free of charge just by completing a form on the Ecopilas website. Thanks to this initiative, since last year the foundation has distributed 15,000 household collection bins for used batteries to Spanish homes.

In turn, the “Welcome a container” campaign aims to expand the current Ecopilas collection network in schools across Spain. Directors or head teachers of education centres could order a container, also by completing a questionnaire.

Furthermore, as part of the “Welcome a container” campaign, Ecopilas distributes household collection bins and teaching materials about how batteries work, battery types and parts, and the advantages of recycling batteries to save raw materials and protect the environment.



BOSQUE ECOPILAS IN LANZAROTE

Thanks to the collaboration agreement signed in May 2018 between the Island Council of Lanzarote, Haría Town Hall and the Ecopilas foundation, students at the two schools that collected the most batteries in the most recent “Charge Your Batteries 2017-2018” campaign spent several days participating in the reforestation of 900 m² in Los Lajares.

The space in this deteriorated agricultural plot was repopulated with native species and is now known as the “Ecopilas Forest”; it has native plant species such as the Canary Islands candle plant, the Canary Islands spurge, the giant velvet rose and the Canary Islands tamarisk. The plot of land was in very poor condition prior to its reforestation as it had been used for stone mining.

It’s important to emphasise that, thanks to this agreement and the participation of thousands of students and families who took part in the “Charge Your Batteries 2017-2018” campaign, Ecopilas allocated €2,830 to reforestation, a euro for every kilo of batteries collected. It also received some extraordinary financial donations so that it could complete the first phase of the project.

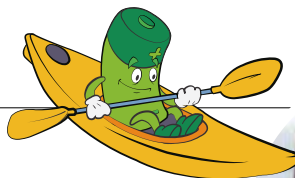
61 primary and secondary schools in Lanzarote and La Graciosa took part in the collection campaign and they succeeded in gathering 30% more waste than the previous year. The school community in Lanzarote has collected 15,583 kg of batteries over the past six years through this campaign.



Lanzarote is home to the “First Ecopilas Forest”, an initiative that Ecopilas is already rolling out in other regions of Spain such as Navarre and Andalusia.



DESCENT OF THE SELLA



Ecopilas was also present in Asturias for a further year when it sponsored the “International Descent of the Sella” canoeing race. The foundation installed information stands and collection bins in Ribadesella and Arriondas so that spectators could dispose of their used batteries. As in previous years, Ecopilas awarded prizes to the three people who disposed of the most waste in the collection bins.



RUNNING AND BTT



Throughout the year, Ecopilas supported numerous mountain running and BTT races that were held at different points across Spain, such as the **4th Escalona Running Fun Run** in Toledo and the **Resistencia Reino Astur** mountain running race held in Nembra, Asturias, which celebrated its 10th anniversary in 2018.

EXTREMADURA ECOPILAS

Mountain bike team Extremadura-Ecopilas, who Ecopilas has sponsored since 2017, triumphed in several important sports events in 2018.

The foundation decided to sponsor the only professional mountain bike team in Extremadura to bring together sports, especially cycling, and the environment, using this sport to encourage habits that help to protect the environment and recycling batteries.

In fact, Pedro Romero, one of the team's cyclists, received a Recyclia Award for his role in spreading awareness about the benefits of recycling batteries at all the competitions he competed in on the Spanish circuit and his involvement in collection campaigns. Over 1,500 kg of batteries have already been collected thanks to various collection campaigns with support from Extremadura-Ecopilas



JOINT CAMPAIGNS

APILO XII CATALONIA



919 schools in Catalonia took part in the fourth Apilo XII event, a school competition organised by the Department of Land and Sustainability at the Regional Government of Catalonia through the Catalonia Waste Agency and the ERP, Ecopilas Unibat and Ecolec batteries and accumulators collection systems.

Participating centres collected a total of 56,063 kg of batteries and first prize was awarded to Els set focs school in Bellaguarda (Lleida) who collected 105.60 kg per student. Second and third place were awarded to the municipal nursery in Tivenys (Tarragona) and Divina Pastora school in Tortosa (Tarragona) who collected 93.78 kg and 53.38 kg of batteries per pupil.



BERTO ZAMPAPILAS (VALENCIA)

The Regional Government of Valenciana, Ecopilas and ERP ran the "Berto Zampapilas" awareness campaign in 150 schools in Valencia region; it was a great success in terms of participation by the school community, as demonstrated by the 26,036 kg of batteries that were collected.

The organizers behind the initiative awarded €2,500 of school supplies to the school in each province that collected the most batteries. In Castellón, the award was given to Palancia-Mijares school in Montán who collected 12.42 kg per pupil; in Valencia and Alicante, El Sabinar de Aras in Los Olmos and Peña l'Or in Bolulla won prizes for collecting 8.50 kg and 2770 kg per student respectively.

SEPARATING UNITES THE BALEARICS

Under the heading “Separating unites us” this campaign run by the Department for the Environment of the Balearic Islands and the Ecopilas, Ecoemes, Ecovidrio and ERP collection systems raised awareness among the people of the Balearic archipelago of the impact of waste on climate change in a fun and educational way. The initiative included 50 audiovisual adverts about how to recycle correctly and gave advice on how to reduce and reuse household waste. The campaign was available to all town halls and companies in the region and also made use of an interactive game and mobile phone app.



PILABOT. GALICIA

“Pilabot”, a robot created with the mission to protect the environment by reducing the pollution generated by battery waste was the star of the awareness campaign run by the Regional Government of Galicia with the Galician school community in collaboration with Ecopilas, ERP and Ecolec.

The campaign awarded prizes to schools for their contribution to recycling in two categories: total kilos per centre and average per pupil. CEIP Calón won first prize with 1,382 kg and came second in the kg collected per student category with 37 kg per pupil.



Colegio Plurilingüe Lana Purísima in Ourense was awarded second prize for the total amount collected with 1,115 kg while Centro Rural Agrupado Amanecer had the best result for the amount of waste collected per pupil with 65 kg per student.





7 SOCIAL COMMITMENT



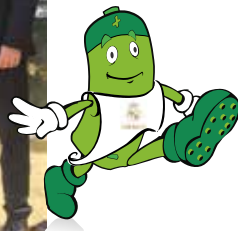
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FUNDACIÓN REAL MADRID

In 2018, Ecopilas strengthened its collaboration with the Fundación Real Madrid even further by supporting new integration projects run by the football club through its socio-sports schools. For the eighth season running, Ecopilas offered its support to the socio-educational work of the foundation to raise awareness and educate pupils in the socio-sports schools about respecting the environment and the importance of recycling.

This collaboration helped to maintain the sustainability of the municipal socio-sports football school for integration in Segovia and contributed to the expansion, for the first time in eight years of collaboration, to the Seville school in a project developed with the cooperation of the Red Cross and San Pablo Pino Montano sports club.

Both socio-sports projects were open to boys and girls from 5 to 16 years of age and the children worked on values such as being motivated to try hard, healthy lifestyle habits, education on respecting the environment, self-esteem, equality, respect, independence and team work.



ECOPILAS WITH BETIS FÉMINAS

Ecopilas lent its support to women's sports by launching an awareness and battery recycling campaign with Real Betis Femenas football club.

Their historic cup quarter final fixture against Granadilla coincided with World Environment Day and Ecopilas and Ambilamp handed out prizes to the first fifty fans who brought at least one battery and one energy-saving lightbulb to the stadium before the match.

Support for sports and a club that also wears the trademark colour green continued on 24 May at the Palacio de los Deportes de San Pablo in Seville where Betis and Tenerife Iberostar competed against each other in the Endesa basketball league.



FUNDACIÓN ECOMAR

Ecopilas collected a tonne of used batteries thanks to the collaboration of students and members of the 58 sailing clubs and schools who took part in the “Charge your batteries and recycle” competition, an initiative run in collaboration with the Fundación Ecomar to promote the protection of Spanish coasts by recycling household batteries.

To encourage battery collection, Ecopilas installed 125 containers in sailing clubs, sailing schools, marinas and other sailing centres that are members of the Grímpola Ecomar environmental education programme, also distributing 5,000 mini household collection bins

among members.

This year the winner of the “Charge your batteries and recycle” competition was Cataventos Escola de Venta in Muxia (A Coruña) who collected 252 kg, almost 26.5% of the total amount collected. Second and third place were awarded to the Club Náutico de Altea (Alicante) and the Real Club Náutico de Algeciras (Cadiz) who contributed to recycling 121 kg and 91 kg of batteries respectively.

Since 2015 this environmental awareness programme has led to the processing of 4,500 kg of waste batteries.



ADAPTED DESCENT OF THE SELLA

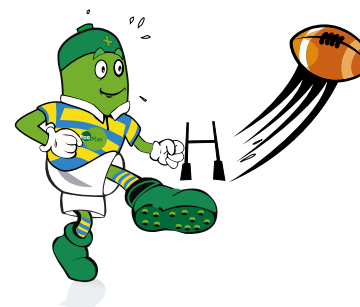
Ecopilas collaborated with the 2018 Adapted Descent of the Sella. Organised by FEDEMA (Sports Federation for People with Physical Disabilities in Asturias), this race is held in Asturias a few days before the famous international canoeing event and over 150 disabled sportspeople take part each year.



FIRST CLEAN AND SUSTAINABLE RUGBY DAY

The Ecopilas and Ecolum foundations promoted environmental protection and training in the values of rugby on 21 April at a day event organised by the Club CRC Pozuelo with support from the Madrid Rugby Federation and Pozuelo de Alarcón Town Hall.

To coincide with the last day of the Under 12s 2017-2018 season when 500 players of between 4 and 12 years of age from 30 Madrid rugby teams were competing, the Recyclia foundations spread knowledge among fans about the importance of recycling household batteries, lightbulbs and lights.



FUNDACIÓN ALMAR



On 28 September 2018, Ecopilas once again attended the charity race organised each year by the Fundación ALMAR in collaboration with Boadilla del Monte Town Hall to raise funds to fight against Friedrich's ataxia and to treat people suffering from the disease. The race was held for the fifth time in 2018 representing five years of exercise and enjoyment, but also a commitment to combating this terrible illness.





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RECYCLIA NEWS



In 2018 Ecopilas took part in various events run in conjunction with the Collective Systems for Expanded Producer Responsibility for collecting electronic waste managed by Recyclia.

4TH RECYCLIA ENVIRONMENTAL AWARDS

On 20 December, the Hotel Palace in Madrid hosted the 4th Recyclia Environmental Awards, an event that the foundation uses to acknowledge the work of people, institutions and the media who support sustainability and that encourage the recycling of electronic waste and batteries. This year award winners included the Department for the Environment and Land Planning of the Regional Government of Andalusia; Pedro Romero, the Spanish mountain bike champion; digital media Residuos Profesional; and Neox journalist María José Celada.

The jury of the 4th Recyclia Awards awarded the work on raising awareness and promoting recycling by the Department for the Environment and Land Planning of the Regional Government of Andalusia, presenting it with a prize in the "Best Support from a Public or Private Institution for the Promotion of Recycling" category for the 43 million kg of electronic waste processed in Andalusia in 2017. The award was collected by José Luis Hernández

Garijo, deputy minister for the Environment and Land Planning at the Regional Government of Andalusia.

"Best Support by a Public Figure for the Promotion of Recycling" was awarded to cyclist Pedro Romero, a member of the Extremadura-Ecopilas professional mountain bike team. Recyclia wanted to recognise the importance of his role in raising awareness about the benefits of recycling batteries at all the competitions he competed in on the Spanish circuit and his involvement in collection campaigns. The cyclist explained that "we've collected over 1,500 kg of batteries" thanks to various collection campaigns driven by Extremadura-Ecopilas.



In 2018 Recyclia once again awarded the media for its work on informing the public and sharing knowledge. The 4th Recyclia Awards presented the award for the "Best Work by a Media Outlet for Broadcasting Information about Recycling" to Residuos Profesional, the leading digital publication on waste management. Finally, María José Celada, content manager and presenter of the "Hazte Eco" segment on Neox (Atresmedia) won the "Best Work by a Journalist on Broadcasting Information about Recycling" award. The foundation presented her with the prize for her career in environmental journalism and her skill at combining entertainment and awareness about the importance of conserving the environment.

EcoENCUENTRO 2018

In 2018 Recyclia held its annual EcoEncuentro conference for the eighth time and this year it focused on the future of electric vehicles, and renewable energy and its contribution towards a sustainable development model. The conference attracted over 200 professionals from the renewable energy and recycling sector and also dedicated a special section to the challenge of processing photovoltaic panels and batteries, two currently limited waste flows that are predicted to see significant growth in the next few years.

The conference was opened by Javier Cachón, director general of Biodiversity and Environmental Quality at the Ministry for Ecological Transition (MITECO) who highlighted the important role of device manufacturers in the Spanish Circular Economy Strategy.

According to Mr Cachón, electronic recycling is *"a sector with a high level of technological development. Producers*

should continue working on initial product phases

to foster ecodesign, improve durability and generate the least amount of electronic waste possible. In addition, collection systems are vital to reintroducing the maximum volume of devices to the production cycle and preventing these devices from ending up as landfill."

The CEO of Recyclia described the management of what is known as *"electronic waste of the future"* as the *"greatest challenge faced by the recycling sector around the world."* According to Pérez, *"Recyclia has been able to predict the future in terms of legislation and the market, and today we have mature, proven collection and management systems for this new type of waste."*

To effectively anticipate this challenge, EcoEncuentro 2018 saw participation from various experts and a round table on renewable energy during a conference that be-





gan with a keynote speech by Emilio Ontiveros.

The Professor Emertius in Business Economics at the Autonomous University of Madrid, referred to Spain's *"heavy dependence on importing raw materials, and an inefficient use of hydrocarbons by our economy."*

Next, Arturo Pérez de Lucía, director general of the Business Association for the Development and Promotion of Electric Vehicles (AEDIVE) described 2019 as a key year for implementing a basic electric vehicle infrastructure that covers all of Spain. *"Electric mobility," he added, "represents an opportunity that mustn't be missed for industry, technology and services linked to job creation, competitiveness and GDP."*

In turn, members of the expert panel on renewable energy all highlighted that using top quality raw materials in photovoltaic panels is essential to ensuring that they can be recycled correctly and these raw materials subse-



quently reintroduced into the production process.

Recyclia began contributing to this work since before the legislation on processing these devices came into force, emphasised Gabriel García, director of operations, who highlighted *"dialogue with the authorities as a key work line to achieve the objectives established for all types of electronic waste."*



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INTERNATIONAL



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AN INTENSE YEAR FOR EUCOBAT

2018 was year of intense activity by the European Association with the European Commission starting its work on reviewing the Directive on Batteries and Accumulators, which is forecast to last between two and three years.

During 2018 Eucobat published six position papers on diverse subjects that it considered relevant to the review, taking as a departure point the definition of a calculation method for collection targets so that they include batteries that are available for collection. Eucobat has now published 16 position papers and these can be viewed at its website www.eucobat.com; they cover areas such as a breakdown of invoices, recycling efficiency, financial responsibilities, decontamination of WEEE batteries and electric mobility batteries.

Several highly important projects were launched that will finish in 2019 and highlights include the RARE (Reporting Application Recycling Efficiency) project that will make it easier for waste battery treatment processors to calculate and report on recycling efficiency.

These various activities have been performed by different work groups and approved by the ordinary General Meeting that was held in April and September 2018 in Istanbul and Berlin respectively. The latter coincided, as it does every year, with the ICBR (International Congress on Battery Recycling) and the ECOPILAS foundation actively participated in all these events.



Finally, 2018 saw the approval of an official international battery recycling day; it will be celebrated on 9 September and last for one week with the aim of running a greater number of communication and dissemination activities. In 2018 the main activity related to this event was the launch of the Eucobat app that can be used to locate every waste battery collection point in Europe. This app is available for both Android and IOS devices.

ECOPILAS CONSOLIDATES ITS POSITION AS A REFERENCE POINT FOR IBERO-AMERICA

During 2018 the foundation opened its doors to various technology missions from Chile and Colombia. During these events, Ecopilas shared its extensive experience in the field of recycling both waste batteries and also the recycling of electrical and electronic devices, lightbulbs and batteries carried out by the other Recyclia foundations, also contacting various Spanish treatment plants that were of interest.





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