

RECYCLIA ANNUAL REPORT

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Before I begin, and despite the fact that it has nothing to do with Recyclia's activity, the foundations that support it or the period covered here (2019), it would be remiss of me not to refer to the tragedy that is occurring around the world due to the COVID-19 pandemic. At Recyclia we would all like to show our support for anyone who has suffered the loss of loved ones.

With that said, and in this strange situation of lockdown, it is my responsibility to share this report with you to provide you with the results of Recyclia's work last year and my thoughts about the context in which we have been operating, and the future prospects of waste electronic and electric equipment (WEEE) and batteries and accumulators.

I would like to start by revealing that 2019 was a turning point for us; it was a definitive year in which we strengthened the role of waste management in the transition towards a new, necessary social model in which socioeconomic development goes hand in hand with protecting the environment and combating climate change.

This was set out in the European Commission's European Green Deal, presented at COP25 in Madrid; according to the deal, if all the recyclable materials that are currently sent to landfill are correctly processed, 19% to 30% of the European Union's target reduction in greenhouse gas emissions will be achieved.

Within this context, recycling electronic devices is always presented as a great challenge because it is the fastest-growing waste flow in the world - moving three times faster than the rest - but it is also a socioeconomic development tool that we mustn't let pass us by due to its potential for creating green jobs and saving raw materials and energy.

Fortunately, there are an increasing number of social agents in Spain that, like Recyclia, instill in citizens the need to be aware of the situation and actions that they can take to contribute to a more sustainable environment. Our work has meant that, in 2019, we processed 314,618 tonnes of WEEE and over 36,000 tonnes of batteries and accumulators since we started our activity.

In short, at Recyclia we will continue to contribute to building a circular system in which waste batteries and accumulators are no longer seen as a problem and are treated as a valuable resource to prevent the overexploitation of raw materials, protect the environment and our health, and create employment. And everyone -our member manufacturers, the Managing Board, private and public institutions, agents and the general public- to whom this report is addressed plays an essential role in the impact that we make and I would like to thank you once again for your collaboration.

Many thanks to you all for having made such a successful 2019 possible.

“Towards a new,
necessary **social**
model”



Luis Pérez Bermejo
CHAIR OF RECYCLIA

As CEO of Recyclia, I am delighted to present our 2019 report, which includes the targets we reached and the activity of our four environmental foundations -Ecoasimelec, Ecofímica, Ecolum and Ecopilas- who unfailingly manage to highlight once more our contribution to the production and social framework of Spain.

Recyclia is the organisation in the waste electronics and batteries sector with the most member manufacturers and importers: 1,616 organisations, a 4% increase on 2018. Furthermore, the environmental foundations under its umbrella managed 64,742 tonnes of waste electronics, batteries and accumulators last year, an impressive 30% increase compared to 2018. 57,520 tonnes were waste electronics and 7,222 tonnes were comprised of batteries and accumulators.

We also have the widest network in Spain bringing recycling closer to the consumer, and in 2019 we installed 79,271 collection points, almost 41,000 of which were battery containers.

For a further year, one of our main priorities has been running activities that educate people about healthy habits that protect the environment and raise awareness about the importance of waste collection. Several examples of these activities by each of our foundations are included in this report.

I would also like to highlight the important social work that we do to support causes such as integrating people at risk of social exclusion or with disabilities, in collaboration with the foundations of Real Madrid, José Ramón de la Morena and the AMIAB association. This social commitment also helps raise awareness about how recycling improves people's wellbeing.

I would like to end this letter by giving my thanks to all the sponsors of our foundations, the general public and all the private and public institutions who give us their support and recognition and who have helped us with such remarkable and satisfactory achievements. And a special thanks to the link in the chain without whom these results would not have been possible: the Recyclia team. Thank you for your professionalism and vocation for building a more sustainable future.

As I write these lines, I must inevitably refer to the fact that we find ourselves in perhaps one of the most complex situations we have ever faced due to the coronavirus pandemic and its severe affects on health and the economy. My thoughts are with anyone affected or who has lost loved ones, and I would like to emphasize our commitment to contributing, as far as we are able, towards a swift recovery in which the circular economy plays a key role.

“Targets reached
and social
commitment”



José Pérez García

CEO OF

RECYCLIA

RECYCLIA INTRODUCTION

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RECYCLIA

Recyclia is the organisation that manages the Ecopilas, Ecofimática, Ecoasimelec and Ecolum collective systems for expanded producer responsibility. These four foundations unite over 1,600 Spanish production companies. Recyclia is therefore the largest platform for selective collection and the waste management of electrical, electronic, battery, accumulator and lighting waste in Spain.

RECYCLIA MANAGING BOARD

The Recyclia Managing Board is the organisation's governing body and consists of representatives from each of the four environmental foundations that choose directors to represent the interests of each foundation and sector from their respective Boards of Trustees. The Managing Board is responsible for approving Recyclia's budget to ensure coordinated management, monitoring and control of the organisation's activity and the correct distribution of costs among partners. The Recyclia coordinated management model translates into significant cost savings and the creation of successful joint efforts that make it a benchmark for electronic recycling in Spain and an excellent example of a circular economy at a European level.

RECYCLIA
MANAGING
BOARD



[CHAIR]	Luis Pérez Bermejo	Ecoasimelec
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[CEO]	José Pérez García	Ecopilas
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[DIRECTORS]	Agustín Alarcón	Ecoasimelec
	Carmen Aláez	Ecoasimelec
	Enrique Muñoz	Ecoasimelec
	Benigno Martínez	Ecopilas
	Ramón Campos	Ecopilas
	Concepción García	Ecolum
	Aurelio González	Ecolum
	Jaime Corderas	Ecofimática
	Vidal Vicente	Ecofimática

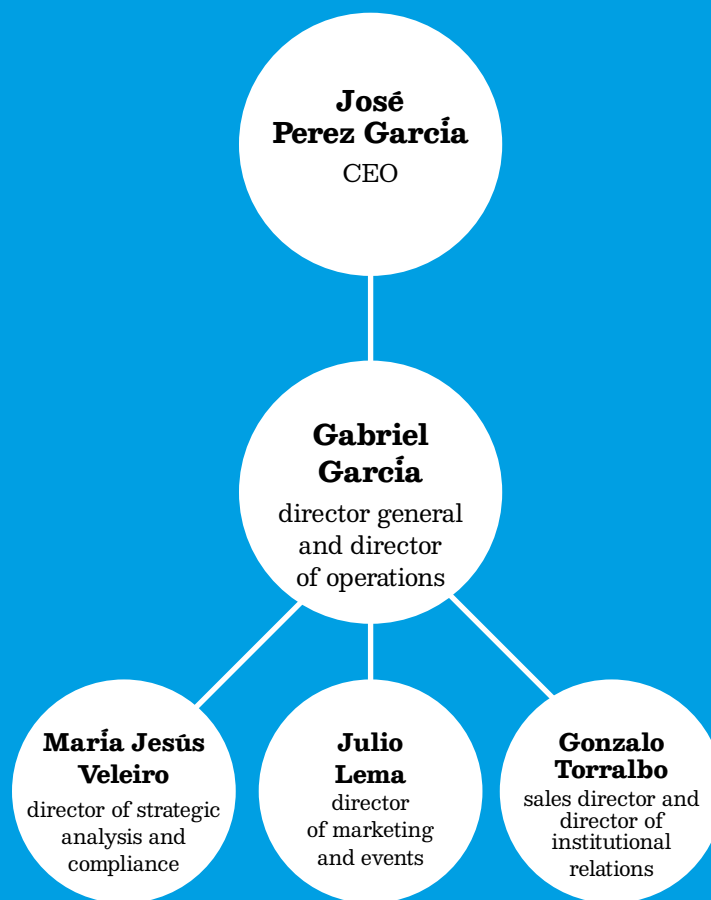
ABOUT US

The four environmental foundations, Ecopilas, Ecofímica, Ecosimalec and Ecolumn, were created as collective systems for expanded producer responsibility in accordance with current environmental legislation in Spain.

These foundations provide the tools and guarantees needed by member producers to ensure that they correctly comply with their environmental obligations. The four foundations are governed by Recyclia, the managing organisation. In 2019, Recyclia's executive structure was reorganised to make it more flexible and efficient.

In April, Gabriel García was appointed director general of SIG DE RAEE Y PILAS, S.L (RECYCLIA) and the organisational chart is now as follows:

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The Ecopilas Foundation was founded in 2000 and since then has been a benchmark in Spain and abroad for the collection and correct management of waste batteries and accumulators. Ecopilas has been a pioneer in creating and implementing its recycling processes in Spain. At the close of 2019, Ecopilas had 1,074 member companies, making it the leader in this sector in Spain with constantly growing activities across the country.

Its extensive collection network, consisting of **40,945 containers** at the end of 2019, has been set up to make it easier for the general public to properly dispose of their used batteries and accumulators, thereby making collection more accessible to end users. The intense activity undertaken by Ecopilas over the years has allowed it to properly manage close to **37,000 tonnes** of used batteries and accumulators since the entry into force of the 2008 regulation, achieving a collection ratio of **45%** of all batteries released to market.

“Give your batteries new life”

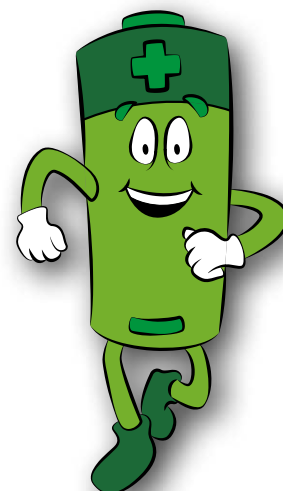
MEMBER COMPANIES 1,074

**TONNES COLLECTED
SINCE START OF ACTIVITY** 36,652

COLLECTION POINTS 40,945

Did you know?

Ecopilas has established the widest collection network of waste portable batteries in Spain with 40,945 collection points at the close of 2019. It is the second widest network of the 18 collective systems for expanded producer responsibility in European association Eucobat.



www.ecofimatica.es


Ecofimática is an environmental foundation that provides coverage across Spain for the collection and recycling of domestic and professional waste from photocopiers, printers and faxes.

MEMBER COMPANIES

15

TONNES COLLECTED
SINCE START OF ACTIVITY

56,296

COLLECTION POINTS

15,398

Furthermore, since the scope of the WEEE directive was expanded to include consumables as electrical and electronic equipment (EEE), this type of waste is now subject to the same obligations detailed in Royal Decree 110/2015 for machines. To respond to these new demands, the Ecofimática Foundation has launched a specific management system for printing consumables called Tragatóner/tinta that helps the different agents in the sector (producers, distributors and users) comply with all the legally established requirements in the current WEEE directive.

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‘Make an Impression on the Environment’

The Ecofimática Foundation represents 90% of the sector and is comprised of the leading manufacturers and importers of office IT equipment in Spain, many of whom sit on the Board of Trustees. In order to facilitate the handover of used equipment, Ecofimática has set up a major network of collection points that offers nationwide coverage, with **15,398 collection points** at the close of 2019. These points can be used to dispose of both domestic and professional waste.

In light of the professional nature of the sector, one of the most important tasks that Ecofimática performs involves raising awareness and sensitivity among professionals in the office IT sector about the importance of collaborating and using the foundation's channels to have unused equipment and waste electrical and electronic devices collected to ensure they are correctly processed.

Ecofimática brings together 90% of office IT manufacturers and importers in Spain, providing national coverage for the collection of waste digital printing equipment collection.

Did you know?


www.tragamovil.es


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Ecoasimelec was set up in the year 2005 with the aim of assisting companies that manufacture and import electrical and electronic equipment to comply with the environmental commitments related to the publication of Royal Decree 208/2005. Ever since it was founded, the Ecoasimelec Foundation has been a benchmark in Spain for the management of waste electrical and electronic equipment (WEEE), and it enjoys the trust of 801 member companies and notable representation across the sector in major segments as IT and telecommunications, medical equipment, recreational machines and surveillance equipment, photovoltaic panels, and machines and tools, among other fields.

In 2014, Tragamóvil, the foundation created for the collection and correct processing of mobile telephone equipment, fused with Ecoasimelec and they became a single organisation. From this point on, the foundations joined forces on a shared project, optimising processes and generating synergies with other operations implemented by Ecoasimelec. In order to guarantee successful management and ensure compliance with their objectives, operations have been progressively defined in accordance with the needs of each of these sectors. Since they first began operations, Ecoasimelec and Tragamóvil have managed more than 239,860 tonnes of waste electrical and electronic equipment, achieving a reuse and recycling ratio of over **87%**.

“United by responsible recycling”

MEMBER COMPANIES
801
**TONNES COLLECTED
SINCE START OF ACTIVITY**
239,860
COLLECTION POINTS
17,206
Did you know?

"Ecoasimelec stands out for its number of member companies, with 801 companies at the close of 2019.

www.ecolum.es


MEMBER COMPANIES

424

TONNES COLLECTED
SINCE START OF ACTIVITY

18,462

COLLECTION POINTS

5,722

ECOLUM is one of the four environmental foundations managed by Recyclia and it focuses on providing effective solutions to the needs of companies in the lighting sector, helping them to comply with current legislation, optimising management costs and applying the most advanced technology to recycling lighting devices: lights, lamps and illuminated signs.

Ecolum provides its 424 member companies with the most efficient management of lights, lamps and illuminated signs, and it has become the leading collective system for these types of professional and domestic products. Today, it is the collective system of expanded consumer responsibility that selectively collects the most waste lights for their subsequent processing at processing plants, and it particularly stands out for its work in the professional sphere.

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‘We recycle light’

Ecolum is the leading collective system in the professional market with over a 40% share of the market.

Did you know?

COLLABORATIVE FOCUS

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Since its beginnings, Recyclia has signed 4,441 agreements through its foundations with distributors and other organisations to bring battery and accumulator collection closer to the general public and end user. It has also signed 2,459 agreements with local organisations and framework agreements with the Spanish autonomous communities for WEEE management across Spain.

It has a similar number of pacts and collaboration agreements with sector associations to offer specific solutions to different sectors. These organisations include:



During 2019, Ecopilas became part of the Apeibal board of directors and through Ecolum new agreements were established with Apiem, Ademi, Aselec, and the Gremi de Recuperació de Catalunya (Catalonian Recycling Association).

Throughout the year, the Asociación PV Cycle Association AISBL and Ecosasimelec have continued to collaborate so that producers of photovoltaic panels operating in Spain process their waste.

CRUZ ROJA

In April, the CEO of Recyclia signed a collaboration agreement with Cruz Roja on behalf of the four environmental foundations to support efficient, responsible recycling in the organisation's centres. The photograph shows José Pérez with Leopoldo Pérez Suárez, secretary general of Cruz Roja.



FENITEL

To coincide with the General Assembly of the Federation of Telecommunications Installers (FENITEL) held before the summer in Murcia, a collaboration agreement was signed by Ecoasimelec and Ecolum to ensure the collection and management of electronic materials and general WEEE that are used by these professionals. The agreement covers all of Spain, adding to the pacts established with the associations from Asturias and Bizkaia.



HESPERIA

Agreement with Hesperia to manage waste from the hotel chain.

Recyclia has installed 27 containers through its environmental foundations Ecoasimelec, Ecolum and Ecopilas to dispose of waste electronics, batteries and accumulators in all the hotel chain's establishments in Spain. They will have access to the online management platforms to request collections, view information about waste transfer and improve traceability.

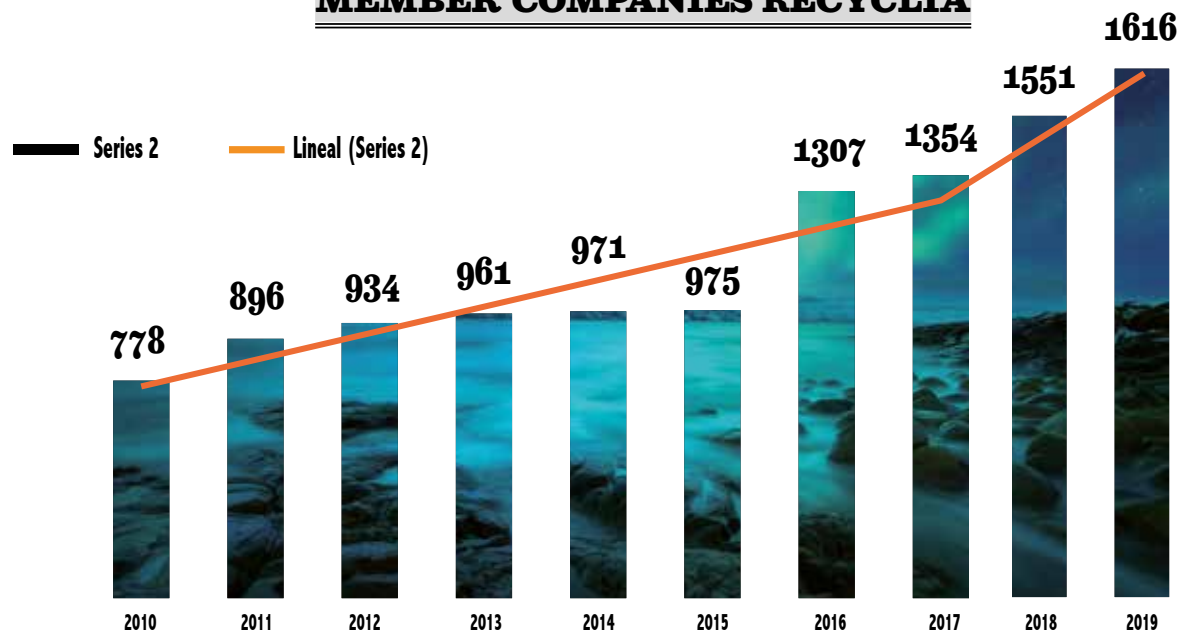


RECYCLIA GENERAL INFORMATION

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RECYCLIA now has the most extensive waste electronics and battery collection network in Spain, currently consisting of around 80,000 points, meaning it has been able to collect properly recycle more than 400,000 tonnes of waste since it began its operations.

MEMBER COMPANIES RECYCLIA

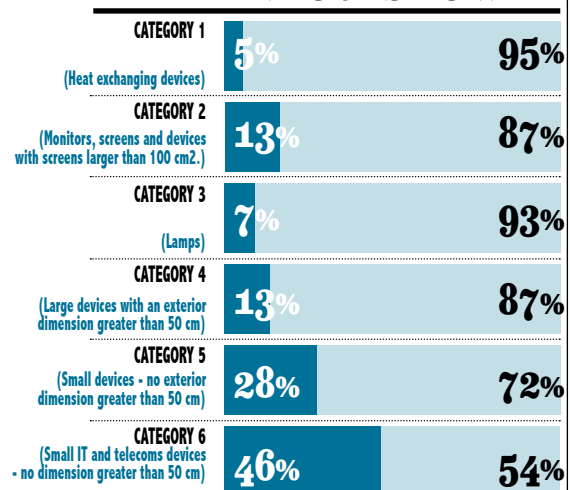


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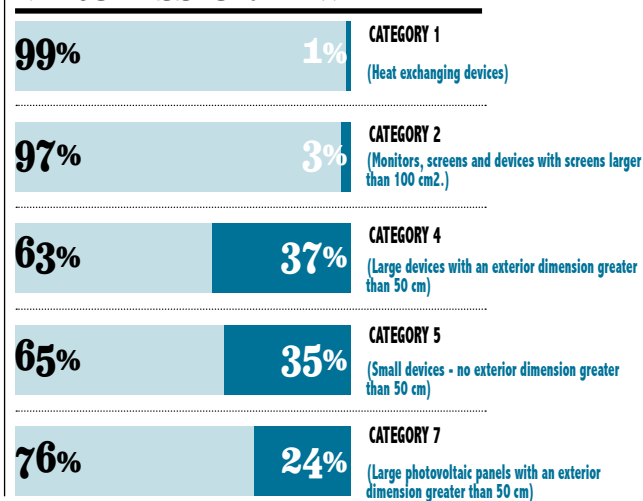
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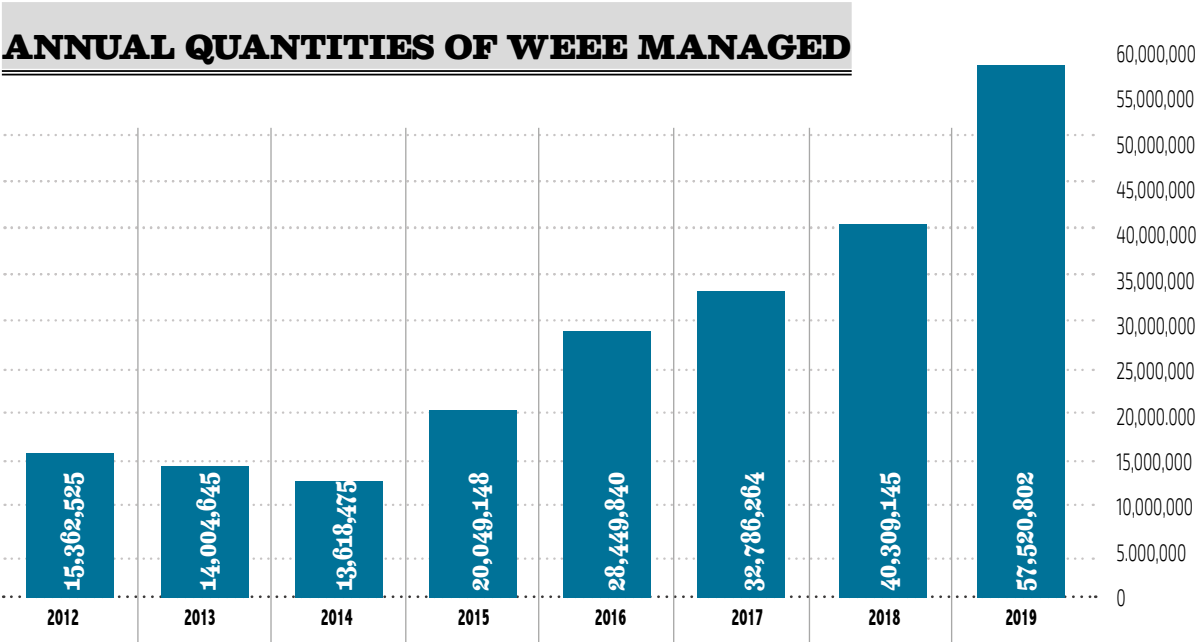
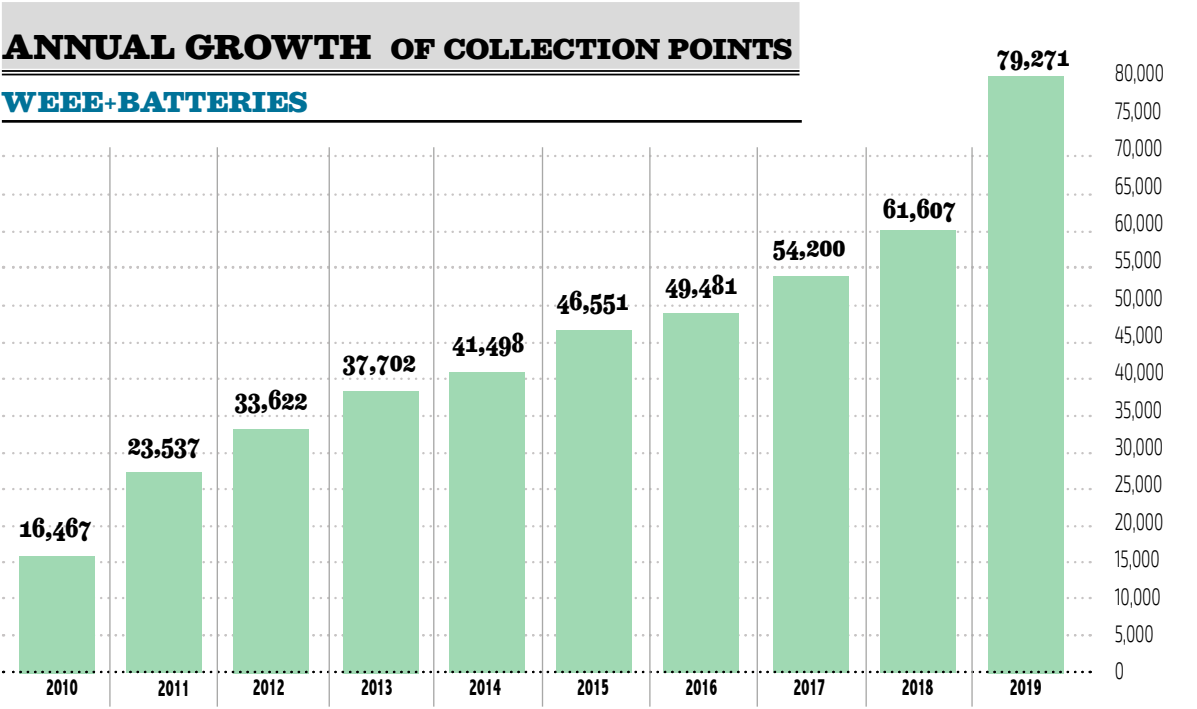
REPRESENTATION BY CATEGORY

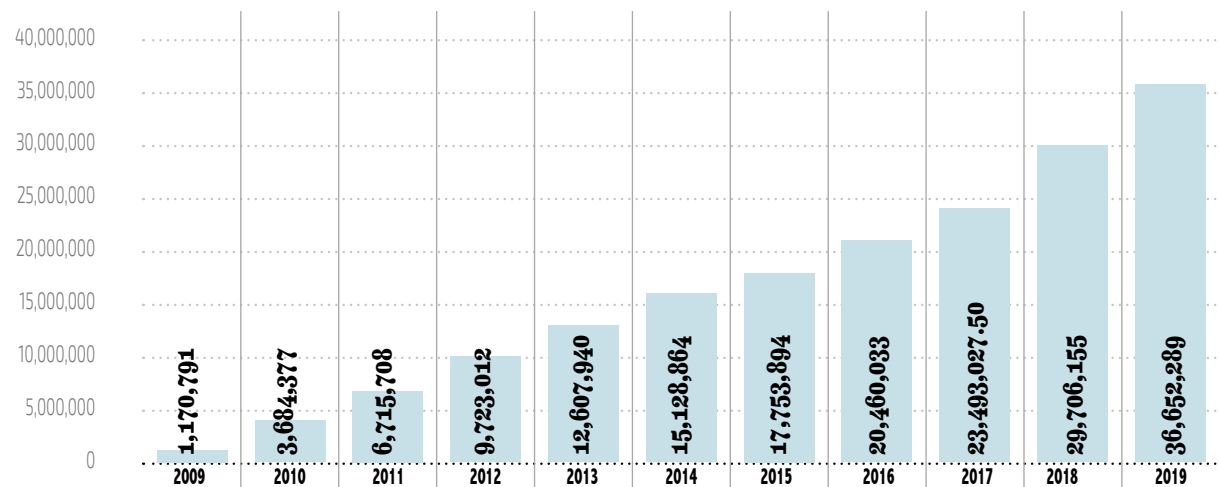
1. DOMESTIC WEEE



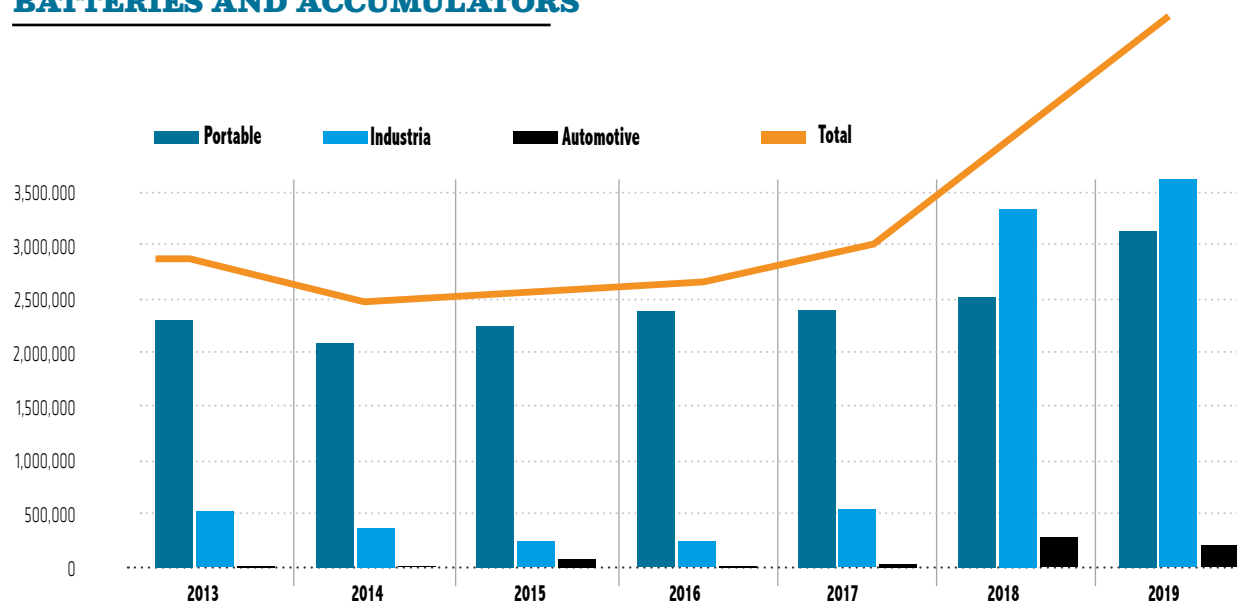
1. PROFESSIONAL WEEE





EVOLUTION OF BATTERIES MANAGED (KG)**CUMULATIVE QUANTITIES**

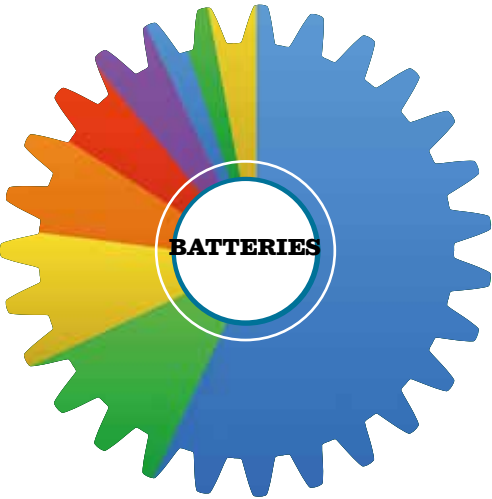
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RECYCLIA
ANNUAL
REPORT/2019**ANNUAL KILOS COLLECTED BY TYPE****BATTERIES AND ACCUMULATORS**

COMPANIES AND SECTORS

WEEE/BATTERIES

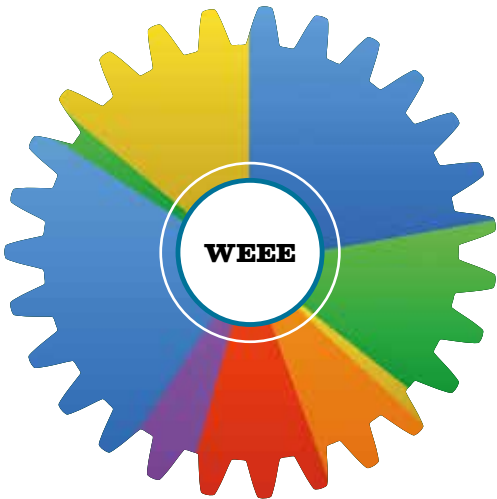
COMPANIES BY **BATTERY** SECTOR



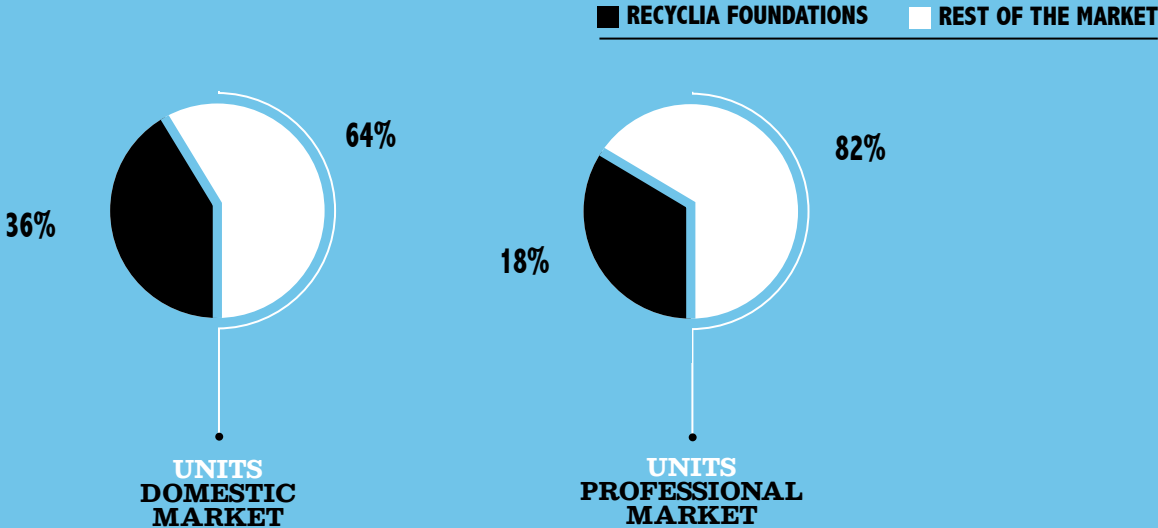
<div></div>	ELECTR CONSUMP/TELEPHONE/IT	57%
<div></div>	BATTERIES AND ACCUMULATORS	11%
<div></div>	ELECTRO-MEDICINE:	9%
<div></div>	SMALL HOUSEHOLD APPLIANCES/HARDWARE/DIY/ELECTRICS	7%
<div></div>	TOYS/LEISURE/SPORTS	5%
<div></div>	PROFESIONAL/INDUSTRIAL	4%
<div></div>	DISTRIBUTION	2%
<div></div>	TELECOMS AND RADIOCOMMUNICATIONS	2%
<div></div>	OFFICE I.T.	3%

COMPANIES BY **WEEE** SECTOR

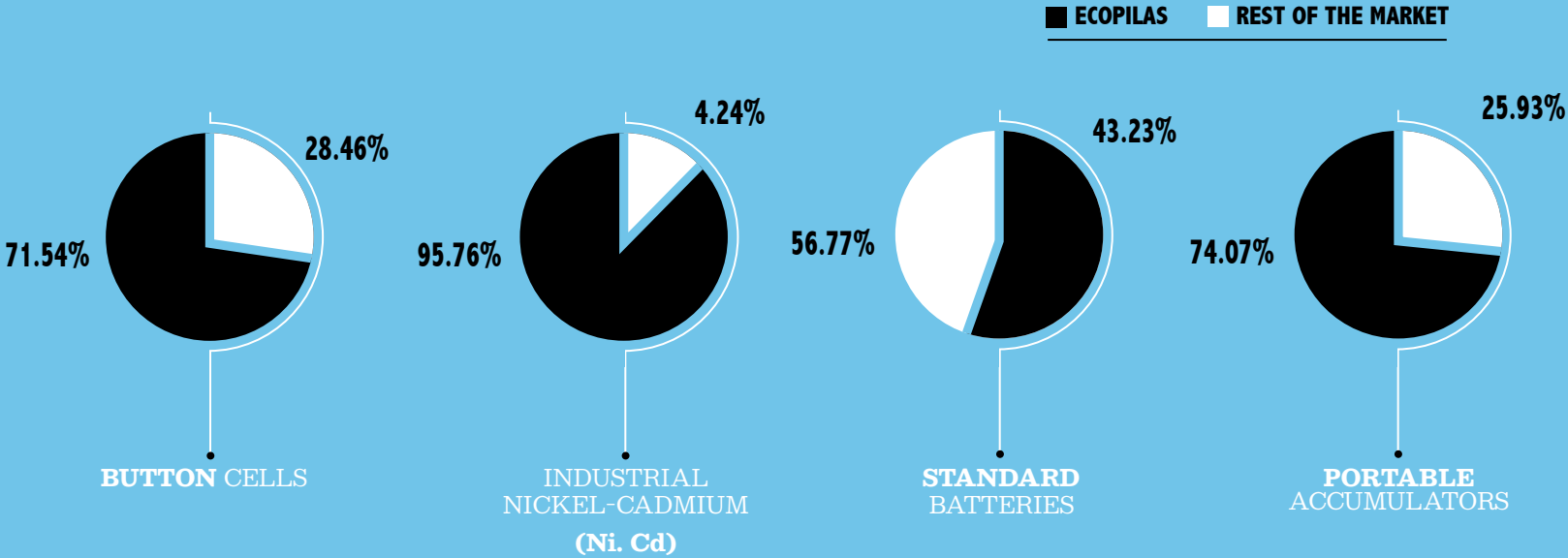
<div></div>	IT, TELEPHONE, OFFICE IT AND CONSUMER ELECTRONICS	22.2%
<div></div>	ELECTRO-MEDICINE:	13.4%
<div></div>	RECREATIONAL	1.3%
<div></div>	SURVEILLANCE AND MONITORING, ELECTRONIC AND INDUSTRIAL MATERIAL	7.5%
<div></div>	DISTRIBUTION AND WHOLESALERS	9.9%
<div></div>	ELECTRICAL TOOLS AND AUTOMOTIVE	5.0%
<div></div>	LIGHTING EQUIPMENT	24.8%
<div></div>	PHOTOVOLTAIC PANELS	1.9%
<div></div>	LARGE ELECTRONIC DEVICES, SMALL ELECTRONIC DEVICES AND OTHER SECTORS	14.0%



WEEE REPRESENTATION



BATTERY REPRESENTATIVENESS, BY CATEGORY



SPECIFIC RECYCLIA OPERATIONS

DOMESTIC

MUNICIPAL CHANNEL

Municipal waste electrical and electronic equipment and battery and accumulator collection networks are based on containers installed at municipal recycling points; these aim to assist users in depositing their waste with a more effective separation of waste categories in accordance with the treatment each type requires. In order to cover these recycling points, municipalities and local organisations may request that the Recyclia foundations remove the containers, or use the shared services of Ofiraee and Ofipilas, established jointly by all the collective systems for this purpose.

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Did you know?

The fundamental aim of municipal recycling points is to assist users in handing over their waste.

DISTRIBUTION CHANNEL

The collection points established in the commercial distribution system (retail centres, supermarkets etc.) have the fundamental aim of increasing users' options when disposing of their waste, while assisting distributors to fulfil their legal obligations, since in many cases these types of establishment must by law have collection containers available to consumers.

MULTICONTAINER: specially created for jointly collecting batteries and portable batteries, small household appliances, tools, energysaving bulbs and fluorescent tubes at hypermarkets and retail centres.



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ECOLUM

PROFESSIONAL
DISTRIBUTORS

>> Small cardboard container



>> Large durable plastic container



ECOASIMELEC

COMMERCIAL
ESTABLISHMENTS
AND DISTRIBUTORS

>> Waste electrical and electronic equipment collection box



TRAGATÓNER/TRAGATINTA

COMMERCIAL
ESTABLISHMENTS

>> Waste printing consumables collection box



ECOPILAS

COMMERCIAL
ESTABLISHMENTS

>> Ecopilas box



>> Ecopilas igloo



>> Ecopilas tube



TRAGAMÓVIL

COMMERCIAL
ESTABLISHMENTS

>> Mobile phone tube container



RECYCLIA Costs



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RECYCLIA milestones

4,441

AGREEMENTS WITH
DISTRIBUTORS

Recyclia closed 2019 with a cumulative total, since the beginning of its operations, of **4,441** agreements with distributors and other public and private organisations that aim to bring battery and accumulator collection closer to the general public and end users. This is 10% more than were in place at the close of 2018.

79,271 WEEE and battery collection points. 28% more than in 2018.

79,271

COLLECTION
POINTS

2,459

AGREEMENTS WITH
ORGANISATIONS

It also closed 2019 with a cumulative total, since the beginning of its activity, of **2,459** agreements with local organisations and framework agreements with the Spanish autonomous communities for WEEE management across Spain. This was 29% more than were in place at the close of 2018.

In 2019 Recyclia managed **57,520** tonnes of WEEE, 42% more than in 2018, 102% more than in 2016 and 186% more than in 2015. This represents significant growth by the foundations as they work to achieve their objectives.

42%

INCREASE IN TONNES
OF WEEE COLLECTED
COMPARED TO 2018

1,616

MEMBER
COMPANIES

1,616 Recyclia member companies. This was a 4% increase compared to 2018.

36,652 tonnes of batteries and accumulators managed since the start of operations.

36,652

TM BATTERIES
AND
ACCUMULATORS

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COMMUNICATION AND EVENTS

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Media impact

Environmental information is definitely a key ally that helps to protect the planet through raising awareness, teaching and spreading knowledge. Fortunately, the general public is now well aware and sensitivity towards the environment is increasingly tangible every day.

At present the general public is asking for more information about environmental issues because people recognise that one of the global challenges the world faces is protecting the environment.

Did you know?

In 2019, Recyclia featured more than 1,500 times in the national and regional press, and on radio and television.

COMMUNICATION

Recyclia bases a significant part of its awareness strategy on working to ensure environmental information has a broader impact in the media and social networks, thereby consolidating the organisation's position as an opinion leader in Spain in the waste management sector and circular economy.



Recyclia succeeded in featuring over 1,500 times in the national and regional press, and on radio and television. The majority (49%) corresponded to articles in the general media, followed by specialised environmental and waste management media (16%); specialised IT and communication, consumer electronics and distribution channel media (15%); in other subjects (15%) such as CSR, education, sports, printing and graphic art, automotive and industry; and, finally, economics and finance (5%).

Highlights among these media appearances include interviews with different Recyclia spokespeople by El País and La Vanguardia, the Europa Press news agency, radio stations Cadena Ser, RNE and Intereconomía and national television channels Antena 3 and Trece TV.

“Recyclia and Trece, together for recycling” was the slogan for the environmental awareness campaign run in conjunction with television channel Trece. It involved broadcasting recycling awareness messages and promoting the image and work of the Recyclia foundations to an audience of over 4.1 million people each day.

Finally, 2019 also saw information by Recyclia published in opinion and technical pieces in all the specialist waste management magazines in Spain.



RECYCLIA websites and social media

In 2019, the priority objective of the Communication 2.0 area was to strengthen the presence of the Recyclia foundations, and the Tragamóvil and Tragatóner brands, on the organisation's social networks, and to boost this presence with daily updates on all the foundation's websites.

In terms of internal communications, in 2019 **six digital newsletters** were sent out to member companies, and institutional and business contacts, and three Econoticias print newsletters were distributed by standard mail. In turn, the Ecolum Foundation sent out three print newsletters.

During 2019 the Recyclia website was visited around **200,000 times**, doubling its traffic compared to the previous year.

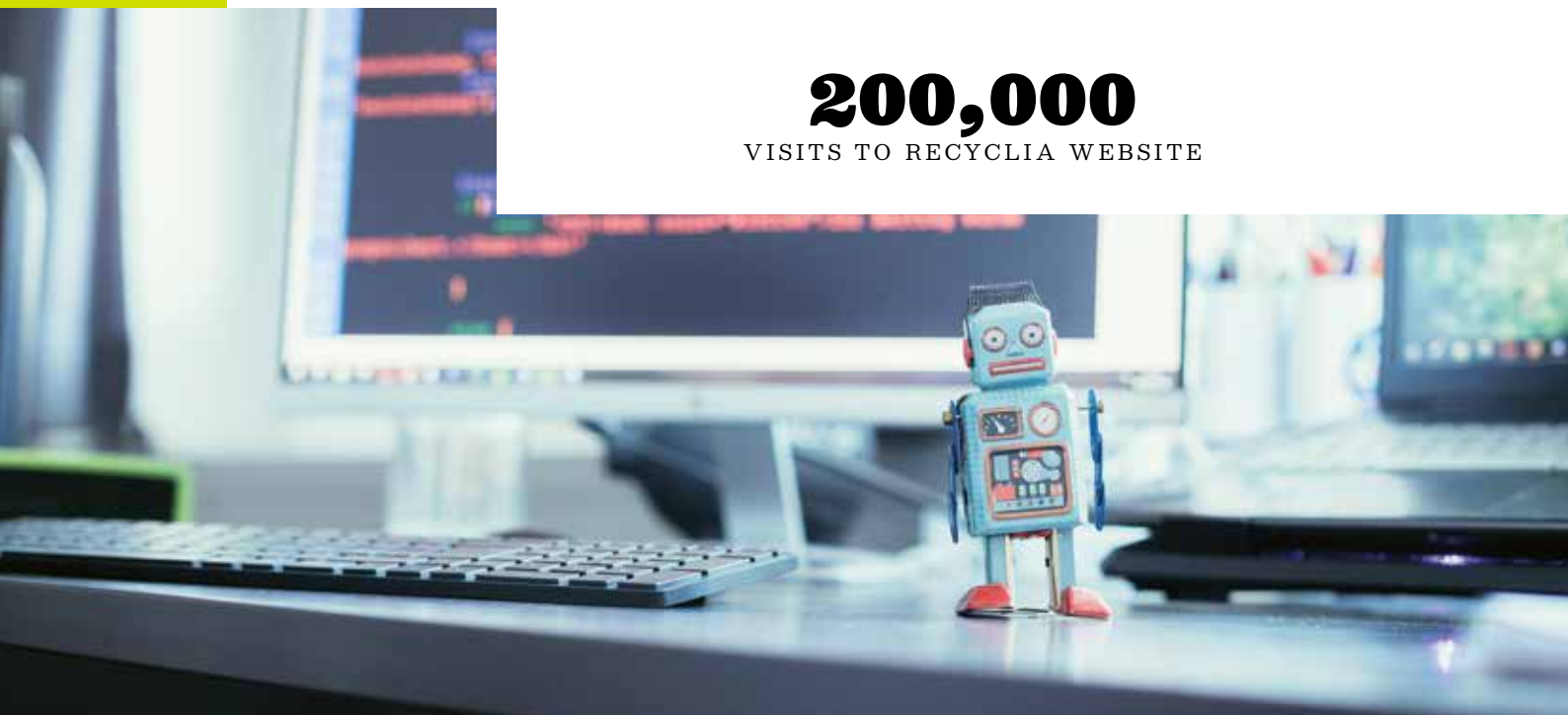
Recyclia and its environmental foundations currently have over **22,000 followers** and close to a million annual impressions on their social networks.

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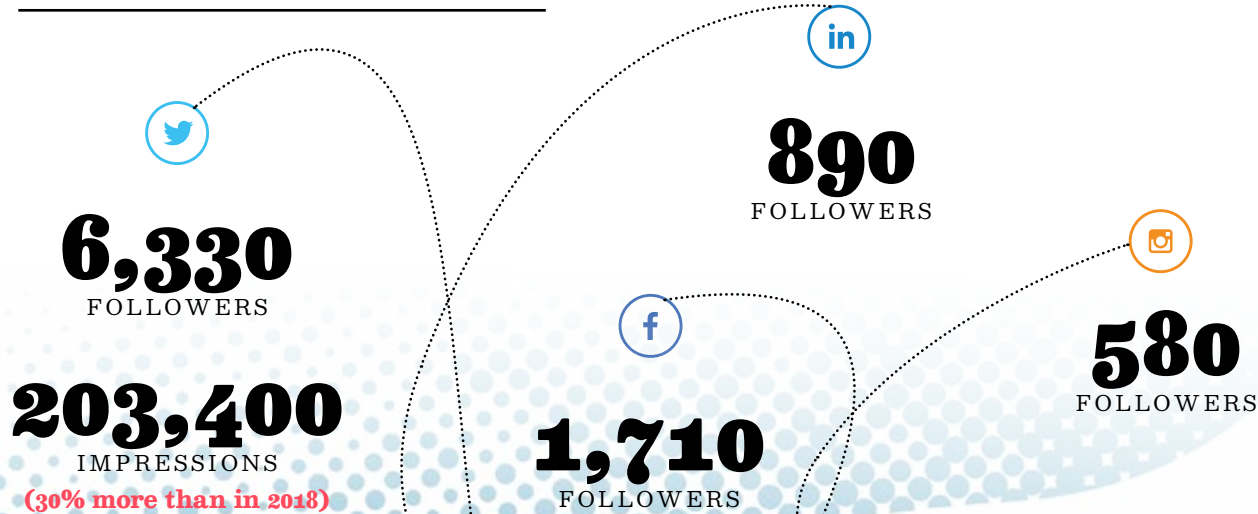
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200,000

VISITS TO RECYCLIA WEBSITE



REDES SOCIALES RECYCLIA



On Facebook, the most popular social network, Recyclia reached 1,710 followers and 980 professionals follow information about the organisation on the professional network LinkedIn.

During 2019, Recyclia fully established its profile on Instagram, the most popular social network among young people that has a particular focus on photography, and it now has 580 followers.

EVENTS

ECOENCUENTRO 2019



Over 200 professionals in the electronics recycling sector attended the ninth Ecoencuentro, Recyclia's annual event. In 2019 sports played a key role as a space for raising awareness about the need to develop environmentally friendly habits, and there was also a focus on the latest advances in storage solutions to meet current portability and electric mobility needs.

Hugo Morán, secretary of state for the Environment, opened the event with a speech that emphasised the importance of involving consumers to achieve the waste electronics collection targets established by the European Commission.

Morán highlighted that the number of connected mobile devices will be three times greater than the world population by 2021, "so closing the processing circle of this type of waste will be a huge step forwards to encourage a more rational

use of resources in a key sector to effectively combat climate change." In this context, the secretary of state underscored the need to "use credible spokespeople due to their knowledge and ability to reach the greatest number of people on a daily basis, such as the collective systems."

In turn, José Pérez, CEO of Recyclia, examined Recyclia's latest figures. In his opinion, the data prove the efficiency of the collective systems, a model "whose results would improve if we had a stable and safe legal framework."

Mariano González, deputy minister for the Environment in the Community of Madrid, spoke along similar lines in his closing speech and also highlighted the two great challenges faced

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by our society: integrating the three aspects of sustainability -environmental, social and economic- and reducing use of carbon-based fuels at the same time as changing to a circular economy. The 2019 EcoEncuentro brought together, as is traditional, different experts from the economic, environmental and energy sectors, including Emilio Ontiveros, professor emeritus in Business Economics at the Autonomous University of Madrid, who spoke about “the Spanish economy and the global downturn”, tackling the subject from a global, European, and finally Spanish, perspective.

He then considered new policies that could be applied to the economic future. In turn, Jérôme Bersano, business manager of SNAM, addressed the new model of electric mobility and highlighted the need to invest in an infrastructure that encourages recycling batteries used in this type of vehicle and reclaiming “at least 70% of the metals contained in lithium-ion batteries.”

During Ecoencuentro there was also a presentation about Circ4Life, a European project in which Recyclia is involved.

Finally, the day also saw significant attendance by public figures from the sports world, including Silvia Montes Jovellar, director of the National Area of the Real Madrid Foundation; Theresa Zabell, chair of the Ecomar Foundation and double Olympic medal-winner in sailing; Javier Guillén, director general of the Vuelta a España, and Joaquín Mollinedo, member of the Board of Directors of CRC Rugby Pozuelo and director general of Institutional Relations and Sustainability at Acciona. All agreed that the educational value of sports makes it the ideal vehicle for raising environmental awareness and they examined different initiatives that are run in Spain and how they are welcomed by fans.

5TH RECYCLIA ENVIRONMENTAL AWARDS



On 18 December 2019, the Hotel Palace in Madrid hosted the 5th Recyclia Environmental Awards, a well-established event that acknowledges the work of people, organisations and the media that support sustainability and encourage the recycling.

Luis Pérez Bermejo, chair of Recyclia, opened the event with a welcome speech that highlighted how important the work of organisations such as Recyclia is when faced with the challenge of the circular economy. Bermejo also emphasised that governments need to be able to reach a sustainability agreement for the planet, referring to the conclusions of the COP25 Climate Summit.

The 5th Recyclia Environmental Awards gave NGO AMIAB an award in the “Best Work to Promote Recycling by a Public or Private Organisation” category and the prize was collected by Encarnación Rodríguez, its chair. The jury acknowledged AMAIB’s work to integrate people with disabilities, prioritising employment and adapted sports, both of which are aspects to which Recyclia is highly sensitive. It also recognised the involvement of over 12,000 school children in caring for the environment through education and waste collection campaigns.

The “Best Work to Promote Recycling by a Public



Figure" prize was awarded to former professional cyclist Pedro Delgado. This prize recognised his involvement in the campaign that Ecopilas has run since 2011 at the Vuelta a España cycling race to raise awareness among cycling fans about the benefits of recycling batteries and his work to promote the bicycle as a means of transport that transforms cities and protects the environment.

For a further year, Recyclia paid tribute to his work at disseminating information regarding the recycling sector in the media. In the category "Best Work by a Media Outlet to Promote Knowledge about Recycling", the 5th Recyclia Award went to the Entorno supplement of newspaper Cinco Dias for the interest this economics media outlet has shown in new business models linked to the circular economy.

Finally, La Vanguardia collaborator Lorena Farrás was awarded the "Best Work by a Journalist at Promoting Knowledge about Recycling" prize. In addition to her specialisation in the impact of the green economy, Recyclia recognised her interest in the management of the "most innovative" types of waste, such as electric vehicle batteries or printing consumables.

WEEE CONGRESS

In 2019, the National Congress for the Management of Waste Electrical and Electronic Equipment (WEEE) celebrated its third event at the Toledo Palacio de Congresos with a two-day conference attended by over 200 professionals from the sector.

For the past three years the congress, an event organised by the collective systems for expanded consumer responsibility, has sought to highlight the work of the different agents in WEEE management and the circular economy as a new example of socioeconomic development.

On 17 October, Spanish and international experts analysed the European management model and the transposal of the new EU legislation on waste management. On the following day, 18 October, highlights included the latest innovations in technology applied to WEEE recycling, the challenges in setting up separated collection of waste at municipal facilities and the importance of public awareness campaigns to increase the volume of waste that is processed, among other issues.



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Throughout the year, the foundations managed by Recyclia ran a wide programme of activities to raise awareness among a variety of groups and activity spheres about the need to efficiently recycle waste electronics and electrical equipment, and used batteries and accumulators.

They frequently developed their own campaigns, sometimes working in collaboration with the autonomous communities and other management and recycling systems.

These campaigns are covered in detail in the annual report of each foundation, but a summary of the most relevant or those that had the greatest social impact is included here.

INSPIRING GIRLS

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In 2019, Recyclia and the Spanish Federation of Household Appliance Traders (FECE) collaborated with the Inspiring Girls Foundation to promote various environmental workshops and fun competitions. Inspiring Girls aims to increase the professional ambitions, selfesteem and employment prospects of girls, showing them the wide variety of professions in the world, in this case those related to the environment.

This led to the “Girls and recycling: a circular economy for a sustainable world” event, which enjoyed support from government minister Teresa Ribera and was held at the Ministry for the Environment events hall.



80 girls attended the event, which aimed to familiarise participants with recycling through different workshops and recycling challenges. In turn, nearly 50 Madrid school children from San Sebastián state school took part in the “We care for the planet” recycling workshop organised within the framework of COP25 and were taught ideas about the circular economy.

In addition, for the first time an Inspiring Girls event was held in Extremadura and it aimed to get the participating girls used to the idea of recycling and the circular economy, offering them the vision of a future vocation in environmental sciences. The event was attended by Rodríguez Vara, president of the Regional Government of Extremadura.



AWARDS

AMIAB



On 23 October, Recyclia chair Luis Pérez Bermejo and CEO José Pérez collected a prize from AMIAB at its 22nd Social Inclusion Awards in recognition of the environmental organisation's work. The awards ceremony was held at the old Fábrica



de Harinas in Albacete and was attended by Aurelia Sánchez, minister for Social Wellbeing in Castilla La Mancha; Amparo Torres, deputy president of the Albacete Provincial Government and Daniel Sancha, provincial minister for Sports.

The AMIAB Social Inclusion Awards pay tribute to institutions, companies, media outlets and individuals who are involved in integrating people with disabilities into society.



FOUNDATION CAMPAIGNS

'WELCOME A CONTAINER' + 'ADOPT A COLLECTION BIN'



Since it was created in 2000, Ecopilas has worked hard to make recycling easier for the general public by making battery collection bins more accessible. Recyclia ran many activities in 2019 to increase the volume of waste that it manages and a brief description of these campaigns is given below. It also continued its 'Welcome a container' and 'Adopt a collection bin' campaigns that were warmly welcomed for a further year.

Students at 311 schools collected over 12,700 batteries and requests for containers by education centres increased by 70% compared to 2018.

At present, the Ecopilas school network is comprised of 5,417 collection points, representing 13.23% of the 40,945 points it has installed in public buildings, retail centres and shops across Spain.

Thanks to the 'Adopt a collection bin' campaign, Ecopilas has distributed 16,400 of these bins to Spanish homes, and almost 40,000 since 2018.



SPORTS AND SCHOOL ACTIVITIES

The Ecopilas Foundation, sometimes collaborating with Ecoasimelec and Ecolum and sometimes working alone, was present at important sports competitions held across Spain, supporting the connection between sports, work and recycling.

The foundation sponsored cycling, football, kayaking, rugby and other sports, encouraging participation by the young and old in different campaigns. It set up stands at most of these events where the public could dispose of their used batteries.



A particular highlight was its participation in the 2019 Vuelta a España cycling race, one of the most popular sports competitions in Spain, during which European Battery Day is held each September to take advantage of the media impact of this contest.

Ecopilas was also present at the Majorca Cycling Challenge where it collected over 150 kg of waste batteries, and the Vuelta Ciclista a Asturias cycling race.





Almost 300 kg of batteries were collected during the Under-12s National Rugby Festival organised in Madrid by CRC Pozuelo Rugby Club and the Spanish Rugby Federation.



For the sixth year the foundation was present at the Descent of the Sella and Adapted Descent of the Sella, and in Asturias it also supported the work of the women's ice hockey team which now bears the foundation's name: Areces-Ecopilas.

Ecopilas also linked its name to another collective, the professional mountain bike team of Extrema-



dura whose members collaborate on many different awareness and battery collection activities throughout the season.

In Burgos, the foundation gave its support to two eagerly anticipated sports competitions, the Atapuerca crosscountry race and the Vuelta a Burgos cycling race.



In 2019 it renewed its collaboration agreement with the Regional Government to promote battery collection campaigns in schools.

Schools star in many of the activities run by the foundation and during 2019 it worked even harder on the Ecopilas Forest initiative by planting over 150 trees in Huelva Province. In Lanzarote it also continued its reforestation work in collaboration with the local government and several schools.



JOINT CAMPAIGNS

In collaboration with the various autonomous communities and the rest of the collective systems for expanded producer responsibility, our foundations actively participated in awareness campaigns related to WEEE, batteries and



accumulators.

RAEECIONA and Recycle with the Five Senses, in the Valencian Community. Ecoasimelec, Ecofimática and Ecolum participated in both campaigns. RAEECIONA enjoys the collaboration of over 300 stores that sell electrical household appliances and the workshops taught at Recycle with the Five Senses have been attended by over 350,000 people from Valencia.

As part of the collaboration agreement between the collective systems and the Regional Government of Valencia, Ecoasimelec, Ecofimática and Ecolum collaborated with the **Ribera y Valldigna Consortium**, an organisation that provides



domestic waste processing services and manages 51 “eco-parks” in the 51 municipalities and three smaller local member organisations.

Also in the Valencian Community, Ecopilas supported the battery and accumulator recycling campaign “**I help Berto Zampapilas**”. Primary schools in the Valencian Community collected over 23 tonnes of portable batteries during the





campaign by the Department for Agriculture, the Environment, Climate Change and Rural Development.

Donate life to the planet in Andalusia. This campaign was run for the second time in 2019 and visited over 200 municipalities, nine university campuses and 500 stores.

Collaboration between the different participants involved in RAEE Andalusia meant that in 2019 over 42,000 tonnes of waste electronics were processed in Andalusia.

Pilabot, in Galicia. The school community was targeted with support from Ecopilas. It included the installation of containers in over 150 Galician



schools during the 2018- 2019 academic year.

Apilo XII in Catalonia. This campaign was run for the fifth time in 2019 with support from Ecopilas. It has led to the collection of over 300 tonnes of batteries thanks to participation from 900 schools.

The Balearic Islands and Navarre are two more autonomous communities where environmental initiatives driven by their respective regional governments have been streamlined to make collecting and recycling waste electronics more efficient and effective.



SOCIAL COMMITMENT



7th ALTRUISM AWARDS BY THE JOSÉ RAMÓN DE LA MORENA FOUNDATION

At its 7th Altruism Awards, the José Ramón de la Morena Foundation recognised Ecopilas' contribution to social wellbeing through the work it has carried out to collect and recycle batteries in Spain for almost two decades. José Guirao, former minister for Culture and Sports, gave the award to José Pérez, chair of Ecopilas, in recognition of the "great work the foundation has carried out for 19 years, responding to the principle that producers are coresponsible for the management of waste generated by batteries and accumulators at the end of their useful life."

In addition, he highlighted that Ecopilas has the widest collection network in Spain for this type of waste.



REAL MADRID FOUNDATION

In 2019, Real Madrid Foundation, Segovia Town Hall and Ecopilas renewed their agreement for the management and operations of the Socio-sports Football and Values for Integration School. Created in 2011, the initiative was attended by over sixty 5-16 year-old who were taught values related to integration and socialisation, and respect for the environment.

In addition, Ecopilas' support has now extended to the Socio-sports School for Integration run by the Real Madrid Foundation in Seville.



ECOMAR FOUNDATION

Sailing clubs and schools along the Spanish coasts collected two tonnes of used batteries in the summer of 2019, a record figure that was a 36% increase compared to 2017. Since 2015 the “Charge your batteries and recycle” campaign run by Ecopilas and the Ecomar Foundation has promoted recycling among the pupils and members of sailing clubs and schools.

During the campaign, Ecopilas distributed 7,000 household collection bins and installed 148 containers in 74 sailing clubs. The “Charge your batteries and recycle” campaign awards sports equipment (lifejackets and sails) to the three clubs that collect the most batteries during July and August. In 2019, the winning centre was the Club Do Mar Cariño in La Coruña with 580 kg.

CLEANING CUDILLERO PORT

In 2019, Ecopilas took part, for the third year running, in the deep cleaning of Cudillero port organised by the Ensidesa Underwater Activities Group (GEAS). This event brings together volunteers, enthusiasts, and members of the public who recognise the importance of caring for the sea and it has been held at the end of October since 1994.



OTHER INITIATIVES

In September, the Ecolum and Ecopilas Foundations joined the “Sow Oxygen” environmental awareness project organised by Cruz Roja Juventud at Laguna de los Patos in San Agustín de Guadalix, a Madrid municipality.

These CSR activities join many others that have been run for years with the Argadini Association, the Principality of Asturias Sports Federation for Persons with a Physical Disability (FEDEMA), the Apadis, Bobath and Almar Foundations and the University Hospital of Fuenlabrada (HUF), in its medical support for the St Joseph Hospital in Chad.





CIRC4Life EUROPEAN PROJECT

Recyclia is a partner in the CIRC4Life European Project and in 2019 this initiative celebrated its second year. Operating within the framework of projects financed by the European Union and the Horizon 20/20 programme, the aim of CIRC4Life is to develop and demonstrate sustainable products and services based on their life cycles and with an innovative focus on the circular economy.

The project considers three new business models in three areas: products and services, sustainable consumption, and reusing and recycling. Recyclia participates in the latter through the Ecoasimelec Foundation.

The organisation's tasks include the development of a logistics system for collecting and processing waste electronics and a user incentive system for reducing, reusing and recycling; the latter is headed by Recyclia. This area also includes running a pilot test of a new business model for a specific type of device, in this case tablets.

In 2019, Recyclia defined the incentive system that will try to encourage users to contribute to reusing or recycling their electronic devices.

Throughout last year it also prepared the pilot test for collecting tablets and other small ICT devices, which will be held in Getxo in the Basque Country. Among other next steps, the project involves installing smart containers that can identify the user and the product he or she is depositing so that it can issue the corresponding incentive.

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EUCOBAT HOLDS ITS GENERAL MEETING IN SEVILLE



In 2019, Ecopilas hosted the Eucobat General Meeting. Eucobat is an association that unites the 18 most important collective systems for battery and accumulator recycling in Europe. The Recyclia Foundation is a founding partner and the sole representative from Spain.

The event was held in Seville on 11 and 12 April and it covered the latest developments in battery and accumulator management with a special focus on reviewing the Directive that regulates environmental management of this type of waste, specifically on obligatory collection targets.

In addition, electric vehicle battery recycling was a focus point with close attention on aspects such as financing its management, transporting it safely and preparing it for reuse.

All these areas were covered in a specific conference about this emerging market that Eucobat organised in June 2019 in Norway, currently the country with the greatest number of electric vehicles in Europe. In fact, in 2018 one in three cars sold in Norway was electric.

The Eucobat General Assembly also addressed

the principle issues that affect the sector in general, such as applying International Carriage of Dangerous Goods by Road (ADR) legislation to the general transport of this type of waste, or a review of the safety instructions that should be provided at collection points. Both of these areas are closely related to the increasing growth of Li-ion batteries in the collected waste flow.

According to Ecopilas, between 2010 and 2017, this flow has increased by 137% due to a proliferation of this type of battery in new devices.

Eucobat held a new General Assembly in Lyon (France) in September to coincide with the 24th International Congress for Battery Recycling ICBR 2019.



PARTICIPATION IN THE LATIN AMERICAN DESIGN LIGHTING CONGRESS IN PANAMA CITY

Some of the issues covered by José Pérez, Recyclia CEO, in his speech at the Design Lighting Congress in Panama, part of the InterLumi Fair, included the example of the circular economy, the importance of not exploiting the planet, replacing extractive mining with urban mining, and examples of recycling resources in Spain such as lead and steel.

He also covered the history of the environmental foundations that were created with Boards of Trustees for each sector and how Recyclia was established as the managing organisation.



He paid particularly close attention to the work of the different agents that participate in the process, supported by payment from producers depending on the items they release to the market. The four environmental foundations (and he described Ecolum in particular depth as the foundation that specialises in recycling lamps and lighting), try to make it easy for the general public and professionals by making the different collection box models more accessible, with support from local governments, distributors, retail centres, stores and establishments that are open to the public.

CONSULTATION TO THE GOVERNMENT OF MONTENEGRO

Ecopilas provided consultation services to the Government of Montenegro so that it can develop a battery collection and recycling system based on the Spanish model, detailing the different initiatives that the environmental foundation runs to raise public awareness about managing this type of waste.

José Pérez, Ecopilas chair, explained the Spanish experience to a delegation from the Government of Montenegro during a series of conferences organised by the Ministry for Ecological Transition (MITECO) as part of the Technical Assistance and Information Exchange (TAIEX) programme of the European Commission.



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A Orense n° 62, 28020 Madrid

T +34 914 170 890

F +34 915 550 362

A recyclia@recyclia.es

www.recyclia.es



ecopilas) **ecofimática)** **ecoasimelec)** **ecolum)**