

WEEE IRELAND ANNUAL ENVIRONMENTAL REPORT TWENTY FIFTEEN



WEEE Ireland

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CHAIRMAN'S LETTER

Dear Member,

Once again the team in WEEE Ireland has put in another excellent year and with the continued support of all our stakeholders we have seen our volumes recycled increase by over 15%. Our tonnages now being recycled exceed 30,000 tonnes and per capita rates of recycling are as a consequence **also** rising. This year has seen a full year's operations under our agreed 2020 Plan, incorporating a stronger working relationship with the Retailer base and the figures to date are proving positive. Your WEEE Ireland Producer Responsibility Scheme is working well and is delivering on its targets.



As each year goes by, the level of Historical waste (EEE Placed on the market prior to 13th August 2005) required to be recycled reduces. With this in mind we have begun to provide for new WEEE arising and this has meant an increase in the level of RMC's we charge to our Members. This is a trend that is set to continue and is a significant future challenge to the organisation as we seek to minimise these costs to our Producer Members. With the increasing success of the scheme in collecting greater volumes for processing and the current low values of metals pricing our scope to keep prices low is being severely tested. Fortunately, the prudent financial planning that the Board has pursued has seen the organisation create and hold sufficient reserves to mitigate against future spikes in costs and should permit us to maintain our planned rate of increase over the coming years. Your Board is very conscious of the effects of these costs on you our Members and we have reinforced our commitment to remain competitive through regularly benchmarking our activities and costs against our European colleagues, improving the flow of communications through increased Category meetings. This year will see a targeted communications program aimed at getting this information directly to the key decision makers in your organisations.

Throughout this Annual Report you will see that the team in WEEE Ireland are involved in quite a challenging range of activities with a strong emphasis on raising public awareness, delivering a real community service that the consumer can empathise with, improving communications particularly in schools to create that early social responsibility and in providing a comprehensive quality service to Members in terms of collections, advice, cost minimisation and audits to ensure that the service we offer is fair and equitable for all.

Once again I would like to place on record my thanks to my fellow Board Members for their time and contributions and also to acknowledge the dedication and commitment of our CEO, Leo Donovan and his executive team for once again raising the bar in terms of producing another excellent performance.

Yours Sincerely

Kieran Whelan, Chairman,

Board of Directors, WEEE Ireland.





Members of the Board of Directors, WEEE Ireland.

OUR BOARD OF DIRECTORS



THE BOARD OF DIRECTORS

The Board of Directors work under a strong governance ethos with business controls determining and driving their corporate responsibilities specified under the following framework documents;

- WEEE Ireland Memorandum & Articles of Association 2010
- WEEE and Waste Battery Regulatory requirements for Approved Bodies
- WEEE Ireland Scheme Corporate Governance Charter 2010 (Appendix 2)

2015 WEEE Ireland Board of Directors

Mr Kieran Whelan

Role: Director / Chairman

Company: Independent

Mr Michael O'Shea

Role: Director/ Vice Chairman

Company: Independent

Representing Category: 4, Batteries

Ms Claire Penny

Role: Director

Company: IBM Ireland

Representing Category: 3

Mr Cel O'Reilly

Role: Director

Company: Philips Electronics

Representing Category: 2, 5, Batteries

Mr Des McCormack

Role: Director

Company: Independent

Representing Category: 1

Mr Joe Cunniam

Role: Director

Company: Origo Ltd

Representing Category: 6, Batteries, SME

Mr Patrick Lynch

Role: Director

Company: Independent

Mr Martin Byrne

Role: Director

Company: Dimpco

Representing Category: 1, 2, SME

Mr Paul Egan

Role: Director / Secretary

Company: Independent

Mr Thomas Barillot

Role: Director

Company: Apple

Representing Category: 3, 4, Batteries

Mr Leo Donovan

Role: Director / CEO

Company: WEEE Ireland



CORPORATE GOVERNANCE

Chairman Kieran Whelan's Corporate Governance Report

The Board of Waste Electrical and Electronic Equipment Limited (WEEE Ireland) take its responsibilities very seriously and in fulfilment of the duties which as Directors, we are obliged to execute, have drafted and approved a detailed Corporate Governance Document outlining the principles which govern the Boards' conduct. This document addresses specific areas and is regularly reviewed and updated to strengthen any of our processes which the board needs to be conscious of or take action on.

This document sets out the role of the Board, its composition, matters requiring Board decisions, the role and constitution of its various sub-committees, the company's strategy in relation to operational and investment matters, the support available to the directors, the induction program for new directors, director's remuneration and the normal reporting requirements of the company.

This year has seen a number of changes occur in our Board membership. Thomas Barillot has succeeded Jean Cox-Kearns in representing Category 3, ICT sector and in 2016 Declan Moylan succeeds Paul Egan as one of our Independent Directors. Both are eminently qualified and I am sure will provide an objective contribution to Board activities. Whilst Jean Cox-Kearns was only with us for a short time, Paul Egan has been a valued advisor and his knowledge and guidance throughout his tenure was both instructive and invaluable. We wish them both well and I would like to express my thanks on behalf of all my fellow Board Members for their commitment and diligence to serving WEEE Ireland. This year too will see the further implementation of our Board renewal program in line with our succession planning and governance principles. It is an important part of the succession planning that we rotate Directors to ensure a fresh outlook in terms of approach and experience and I can assure you that this will be managed transparently and with the best interests of the company and you, our Members in mind.

I also attach a schedule listing those meetings which were tabled and individual Directors were entitled to attend.

I am pleased to confirm to you that the Company was fully compliant with its Corporate Governance Code.

Yours Sincerely

Kieran Whelan, Chairman,

Board of Directors, WEEE Ireland.

CEO'S REPORT

Dear Member,

As we enter into our second decade of WEEE recycling we look at how we can provide better and more cost effective compliance for our Members. 2015 was a transition year for WEEE Ireland. We saw our all-time highest collection volumes of WEEE and waste batteries, our recyclers achieved WEEElabex standards and we completed our first full year of our new innovative Retailer "We'll Take it Back" Programme.

This leads us into the next ten years, with challenging targets for both WEEE and batteries, higher recycling and resources efficiency standards and a very volatile resource recovery market. Over the next ten years we will see the end of the historic liability, technology changes and new types of chemical batteries. All of these developments will present different challenges for WEEE Ireland. In addition to this we will be working with a new Minister and Department of Communications, Climate Action and Environment.

The new EU draft package on the Circular Economy will focus Producer's minds on the design, durability, reparability, reusability as well as recyclability of their products. The use of hazardous material in new products will also be restricted further, all leading to a better and more sustainable environment.

In order to ensure that we are at the forefront of developments of best practice in Europe WEEE Ireland will play an active role in the European organisations such as Eucobat, WEEE Europe and The WEEE Forum. We recognise that the cost of recycling to the Producers is increasing as we takeback more WEEE and batteries and as the value of the resources remain low resulting in increasing demands on WEEE Ireland to ensure we review all possible economic solutions for our Members.

Thank you for your continued support of WEEE Ireland over the past 10 years. We have delivered a very cost effective solution for you and will endeavour to do the same over the next 10 years. All this would not be possible without our very professional, experienced and loyal management team and the excellent guidance from the Board of Directors, led by our very committed and capable Chairman who have all worked constantly on your behalf.

Wishing your organisation the very best.

Leo Donovan, CEO,
WEEE Ireland





“

2015 was a transition year for WEEE Ireland. We saw our **all-time highest collection volumes of WEEE and waste batteries**, our recyclers achieved **WEEElabex standards** and we completed our first full year of our new innovative Retailer **“We’ll take it back”** Program...

...thank you for you your continued support of WEEE Ireland over the past 10 years. ”

”



TRANSPARENCY

WEEE Ireland has continually promoted an ethos of corporate transparency when reporting on its activities to its Members and other stakeholders. The Annual Environmental and Financial reports are published for open access viewing on the WEEE Ireland website and actively promoted across the Scheme's other media channels throughout the year.

WEEE Ireland engages with its Members, trade associations and other stakeholders in the regulatory, waste management and environmental sectors to promote the Producer Responsibility charter it holds on behalf of WEEE and Battery Producers.

Since 2005 WEEE Ireland has worked with and alongside the IBEC umbrella trade associations ICT Ireland, WGA and CEDA, as well as Lighting Europe's Irish representative Recolight. Throughout 2015 WEEE Ireland also met and engaged with other electrical and battery trade and sector representative groups including HAI, Retail Excellence Ireland, Fegime, EMDA, AECI and BIBPA.

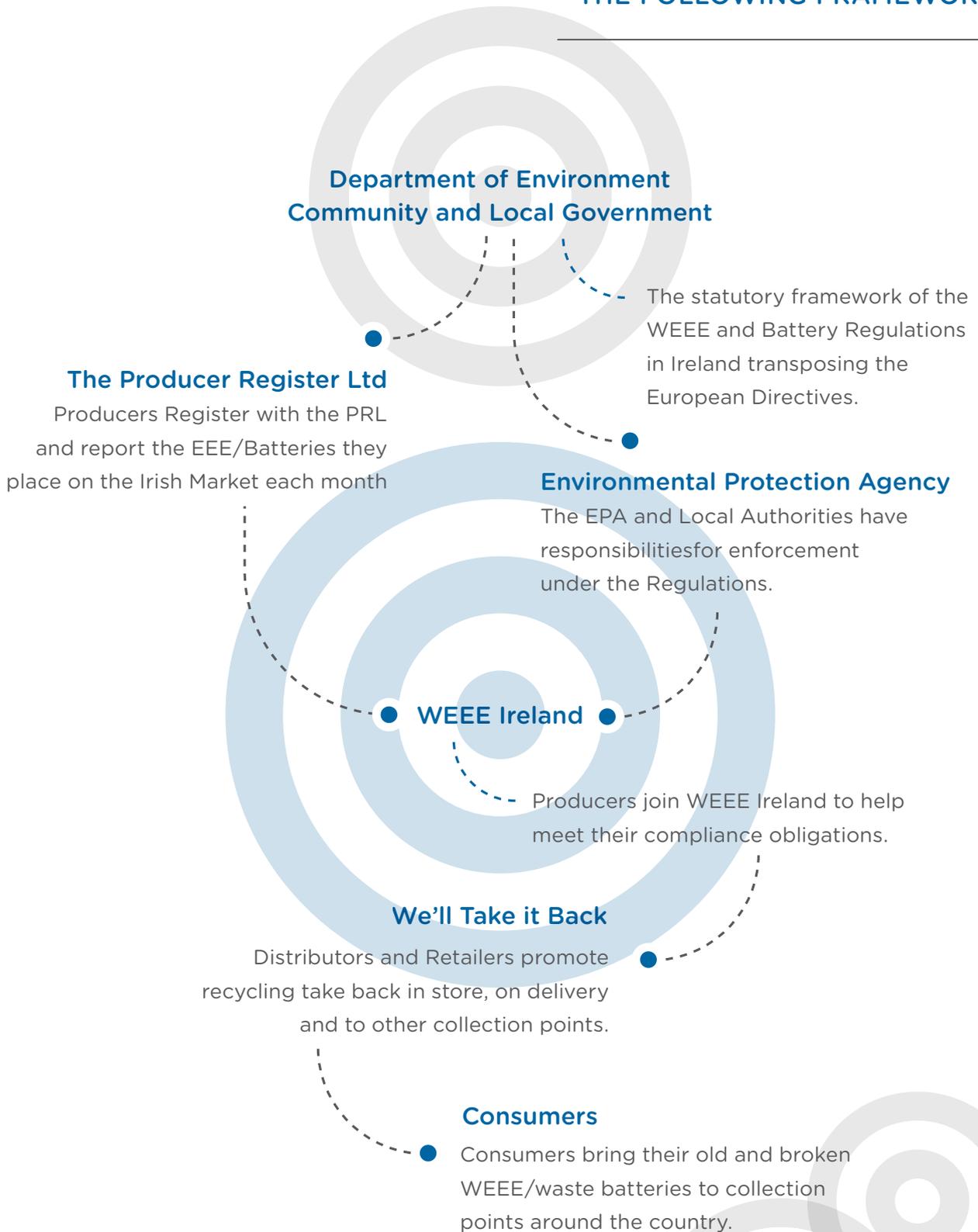
STAKEHOLDERS

WEEE Ireland is the largest Compliance Scheme for the Management of Waste Electrical and Electronic Equipment (WEEE) and waste batteries in Ireland. The Scheme works with a community of organisations on behalf of its Members to help meet their Producer Responsibilities under Irish legislation. Ireland has European Directive targets to achieve as part of its obligation to managing waste in an environmentally friendly and more resource efficient manner. These objectives cannot be achieved without a multi stakeholder approach to WEEE and battery systems.

Since 2005 WEEE Ireland has worked with Regulatory, Private and Public entities to help meet the collection, recycling and recovery objectives of its Members. WEEE Ireland's statutory approval from the Minister for the Environment requires cooperation across the value chain of WEEE and battery system stakeholders;



IN 2015 THE WEEE AND WASTE BATTERY SYSTEMS IN IRELAND OPERATED UNDER THE FOLLOWING FRAMEWORK



WEEE & BATTERY COLLECTIONS

As part of the approval by the Department of the Environment, WEEE Ireland is chartered to collect, treat and recover household electrical, electronic and battery waste arising in a defined geographical area in Ireland, covering circa 75% of the population.

WEEE Ireland has developed a successful collection model coordinating contractors, corporate partners and local government to achieve collection targets and recovery rates.

WEEE Ireland is working towards achieving recycling targets for both WEEE and waste batteries in the Republic of Ireland. In 2015 the collection target is to collect circa 8kg of WEEE per head of population. In 2016 this changes to 45% by weight compared to all electrical and electronic goods placed on the market. A collection target of 45% is set for waste portable batteries.

Collection of WEEE in 2015
= 9.04kg per person or...

30,909 tonnes

Target for WEEE collection in
2015 = circa 8kg per person or...

25,901 tonnes



...working within the community,
as **part of the community.**



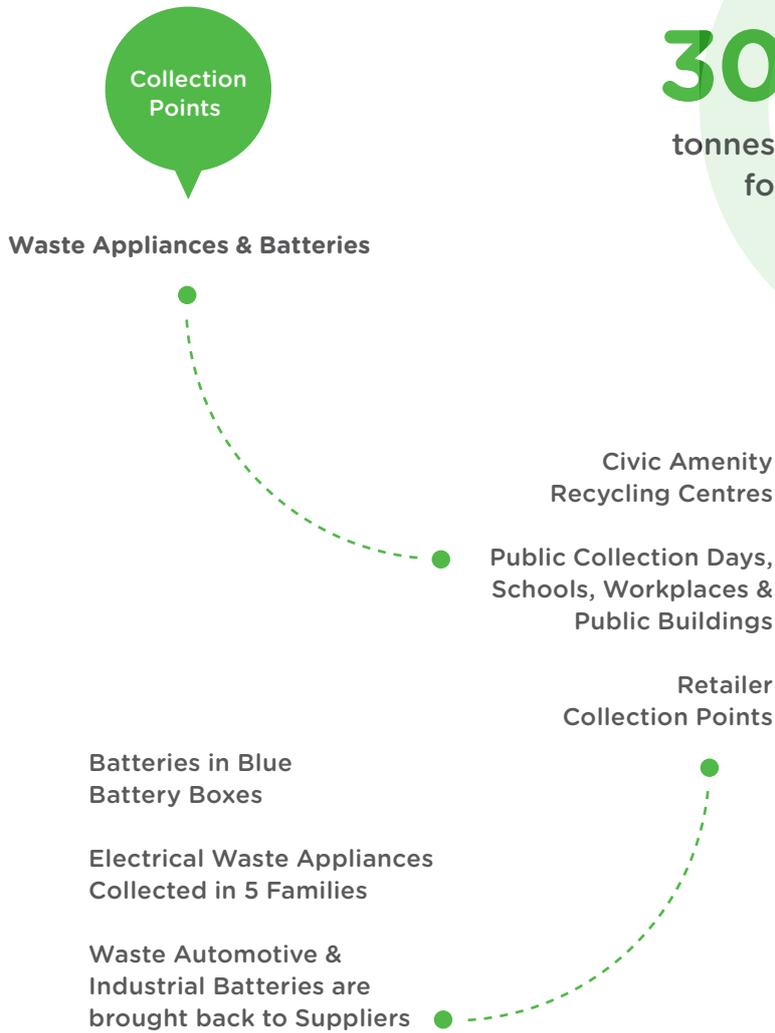
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**WEEE Ireland wishes to thank everyone
who chose to bring their WEEE to authorised
collection points for recycling with the
WEEE Ireland Scheme in 2015**

”

WEEE Ireland Collection Day, Co. Tipperary.

COLLECTION MODEL



“

Since 2005 WEEE Ireland has collected nearly

300,000

tonnes of household WEEE for recycling in Ireland

”



WEEE COLLECTION DATA

WEEE tonnes collected by WEEE Ireland



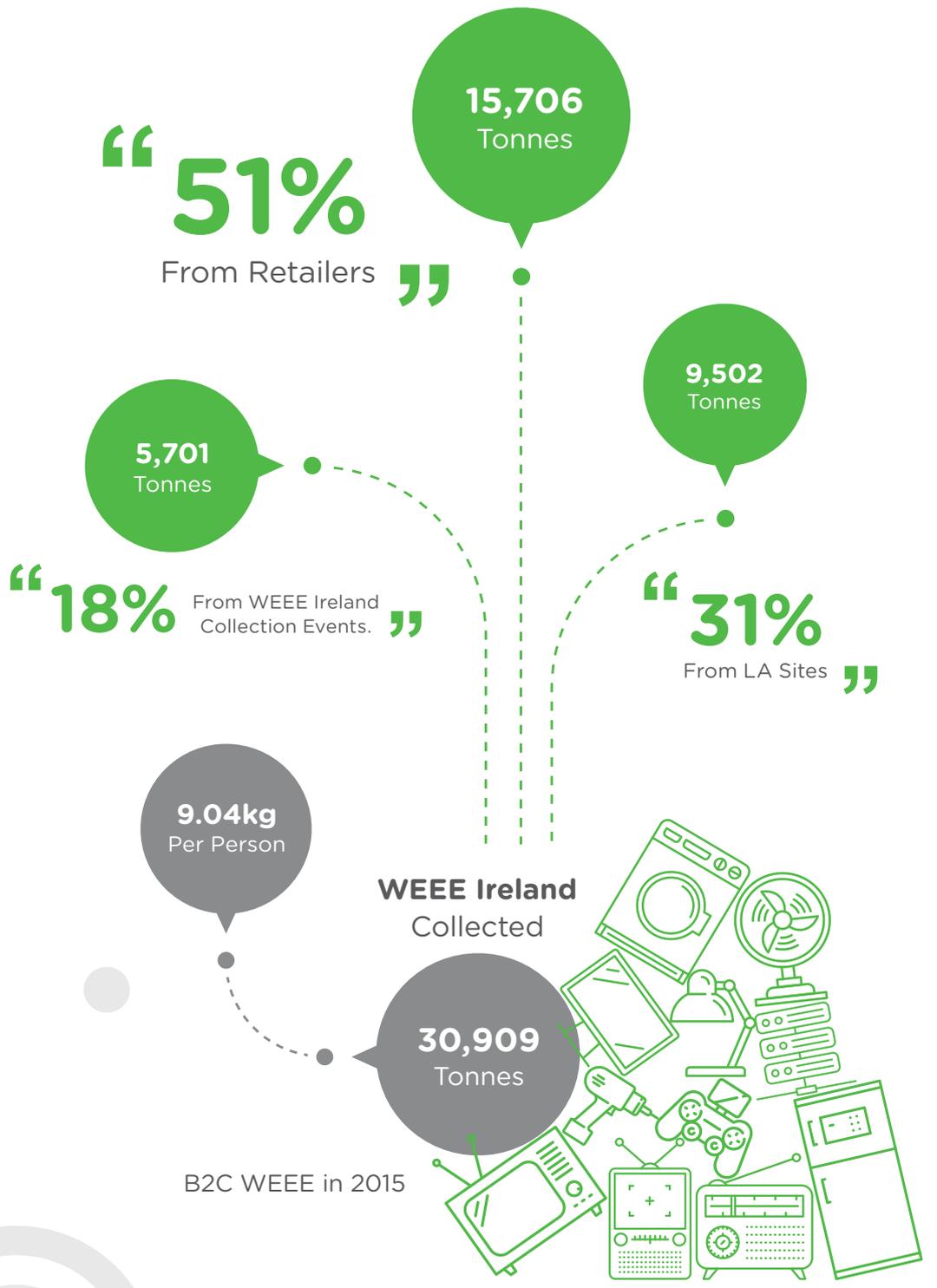
WEEE TONNES COLLECTED PER COLLECTION POINT

Collection Point Type	2012 Tonnes	2013 Tonnes	2014 Tonnes	2015 Tonnes
WEEE Ireland Collection Points*	3,303	4,620	5,062	5,701
Local Authority Sites	10,267	9,576	9,368	9,502
Retailer Sites	11,682	11,456	12,370	15,706
Total	25,252	25,652	26,800	30,909
Population**	3,301,094	3,301,094	3,301,094	3,419,056
Kg Per Person	7.65kg	7.77kg	8.12kg	9.04kg

*Includes Education, Special Events, Waste Industry and Workplace collection points

**Population within WEEE Ireland Collection area based on 2011 Census www.CSO.ie, 2015 population includes 2 new counties in the WEEE Ireland collection area - Leitrim & Westmeath

WEEE IRELAND COLLECTS MORE WEEE FROM RETAILERS AS A PERCENTAGE OF OVERALL TAKEBACK THAN ANY OTHER WEEE FORUM SCHEME IN EUROPE





Collected WEEE from **2,400 different WEEE collection points**, over **14,000 individual collections...**

This is the equivalent of a small landfill worth of waste **diverted for recycling and recovery in Ireland in one year**



There has been a marked increase in 2015 in the weight of WEEE collected from Retailer collection points. WEEE Ireland now collects more WEEE from Retailers than any other type of collection point. The rollout of the Retailer takeback programme and 'We'll Take It Back' campaign has been a significant factor in this increase. WEEE Ireland has a dedicated Retailer Operations Executive supporting these programmes in the field.

The role of Retailers in developing collection points for WEEE and waste batteries in Ireland cannot be underestimated. It is also an important point in building infrastructure for a future circular economy as the recycling activity is intrinsically linked to the supply and demand for new appliances by consumers.

Buying a new appliance in Ireland has now become synonymous with recycling 'WEEE for free'.

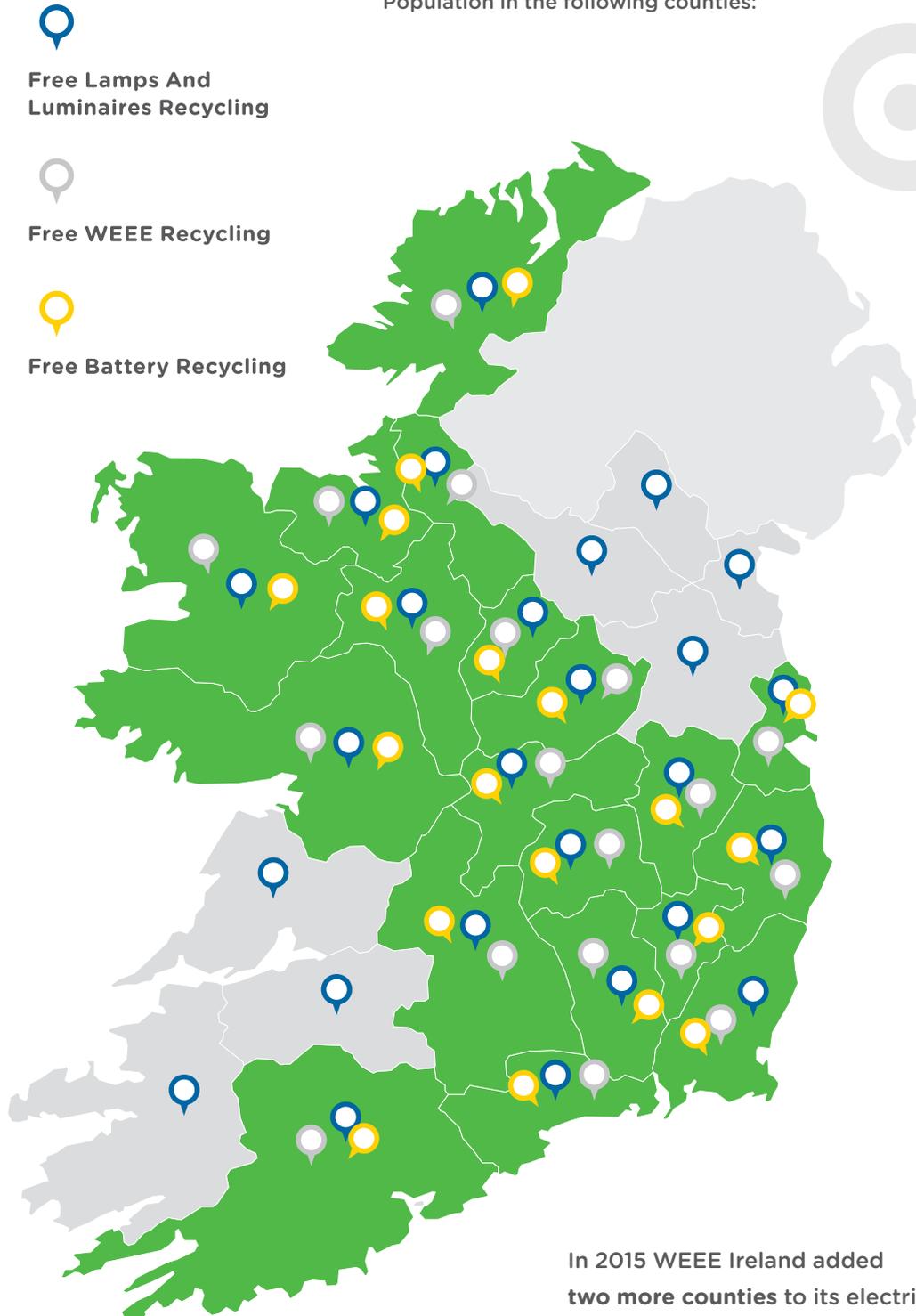


KMK Metals Recycling, Tullamore, Co Offaly.



WHAT IS THE GEOGRAPHIC SPLIT?

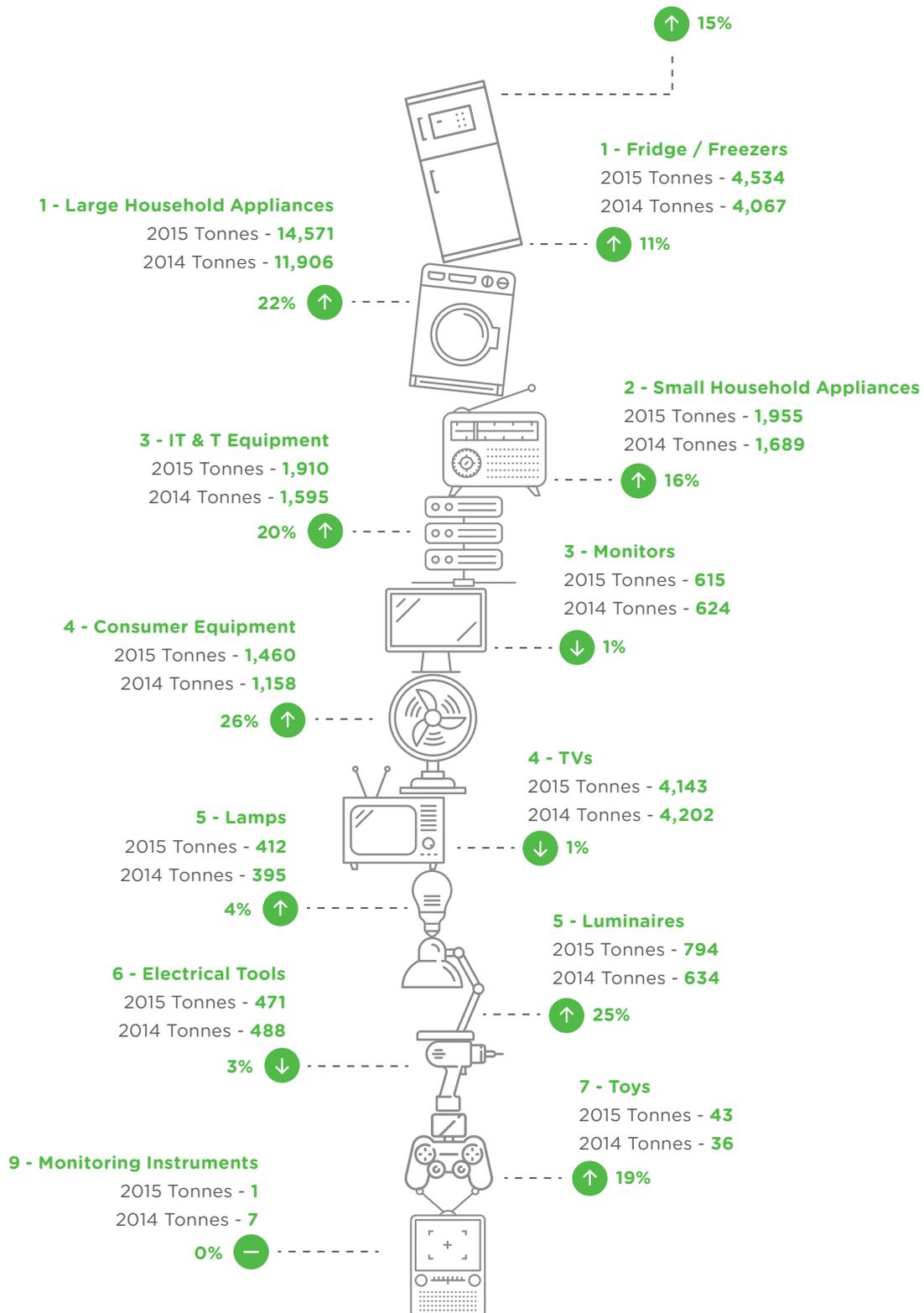
WEEE Ireland has an agreement to collect WEEE & Waste Batteries from its Market Share of the Population in the following counties:



In 2015 WEEE Ireland added two more counties to its electrical waste collection territory, Leitrim and Westmeath, due to an increase in the scheme's market share.

COLLECTIONS PER CATEGORY

The WEEE Directive classifies appliances into 10 categories. Producers report their appliances on the market in these categories and further subcategories.



*8. Medical Devices & 10. Automatic Dispensers <1tonne

increase in
collections
on 2014...

15%

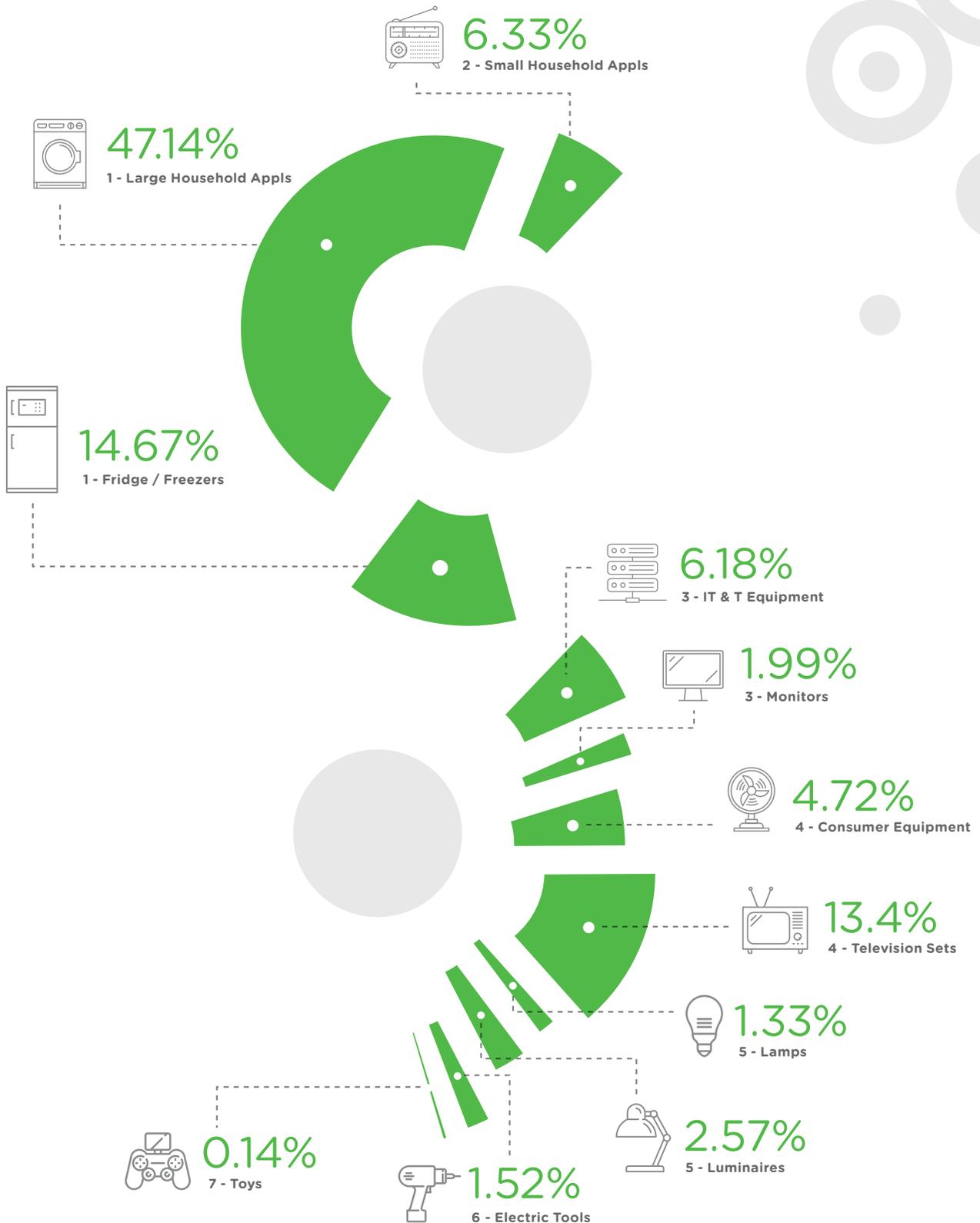
- Continuing the upward trend in household WEEE collections since 2012



WEEE Ireland Collection Day, Co. Tipperary.

“ Large household appliances **increased 22% on 2014** - the largest percentage of WEEE takeback. Fridge freezer takeback **increased by 11%** in the same year ”

2015 WEEE COLLECTED % WEIGHT BY CATEGORY



*8. Medical Devices & 10. Automatic Dispensers <1tonne

BEST PRACTICE COLLECTION

The achievement of high levels of resource recovery requires quality collection practices in waste management. Waste electrical equipment is separated during the collection phase into the 'families' of material for recycling. Different families of WEEE require different recycling processes including hazardous waste management such as fridge freezer degassing or mercury removal from fluorescent tubes. Prevention of damage to waste appliances during collection and transport requires careful handling, specific protocols and training. Contamination of the waste stream with packaging or liquids and other non WEEE material will impact the recovery rates and is to be avoided.

WEEE Ireland is actively participating in the CENELEC working group developing best practice collection and logistics technical specifications under the new EN 50625 Quality WEEE treatment standard series.

CASE STUDY: CRT BOX TELEVISIONS

WEEE Ireland's digital switchover campaign in association with SAORVIEW in 2011 saw large numbers of cathode ray tube (CRT) box televisions being taken back for recycling. This is a positive activity, as old CRTs not only contain valuable resources for recovery but can have higher levels of heavy metals such as lead, mercury and cadmium and persistent organic pollutants (POPS) including some now banned brominated flame retardants. It is important therefore they are recycled in dedicated CRT WEEE Facilities despite the high costs involved in treating these waste streams. The weight of CRTs being recycled has started to plateau in 2015 and may signal that the peak waste phase of this older technology has passed and more flat screen TVs will be seen in the waste stream from now on. WEEE Ireland contracts two WEEELABEX certified CRT recycling operators in Ireland – KMK Metals Recycling and The Recycling Village.

WEEE COLLECTIONS, UNITS PER FAMILY

Large household appliances represent the largest family of WEEE collected by weight but in terms of units Mixed WEEE, understandably, has the highest number. Over 9 million small appliances, old DVD players, hair driers, electric toothbrushes, battery operated tools, toys and more reached the end of their useful lives in 2015 and were brought for recycling in the WEEE Ireland collection area.

13,000,000

An estimated 13 million WEEE appliances were collected for recycling by WEEE Ireland in 2015¹ including;

90,000 Fridges & Freezers

250,000 Large Household Appliances

9 million Mixed WEEE Items

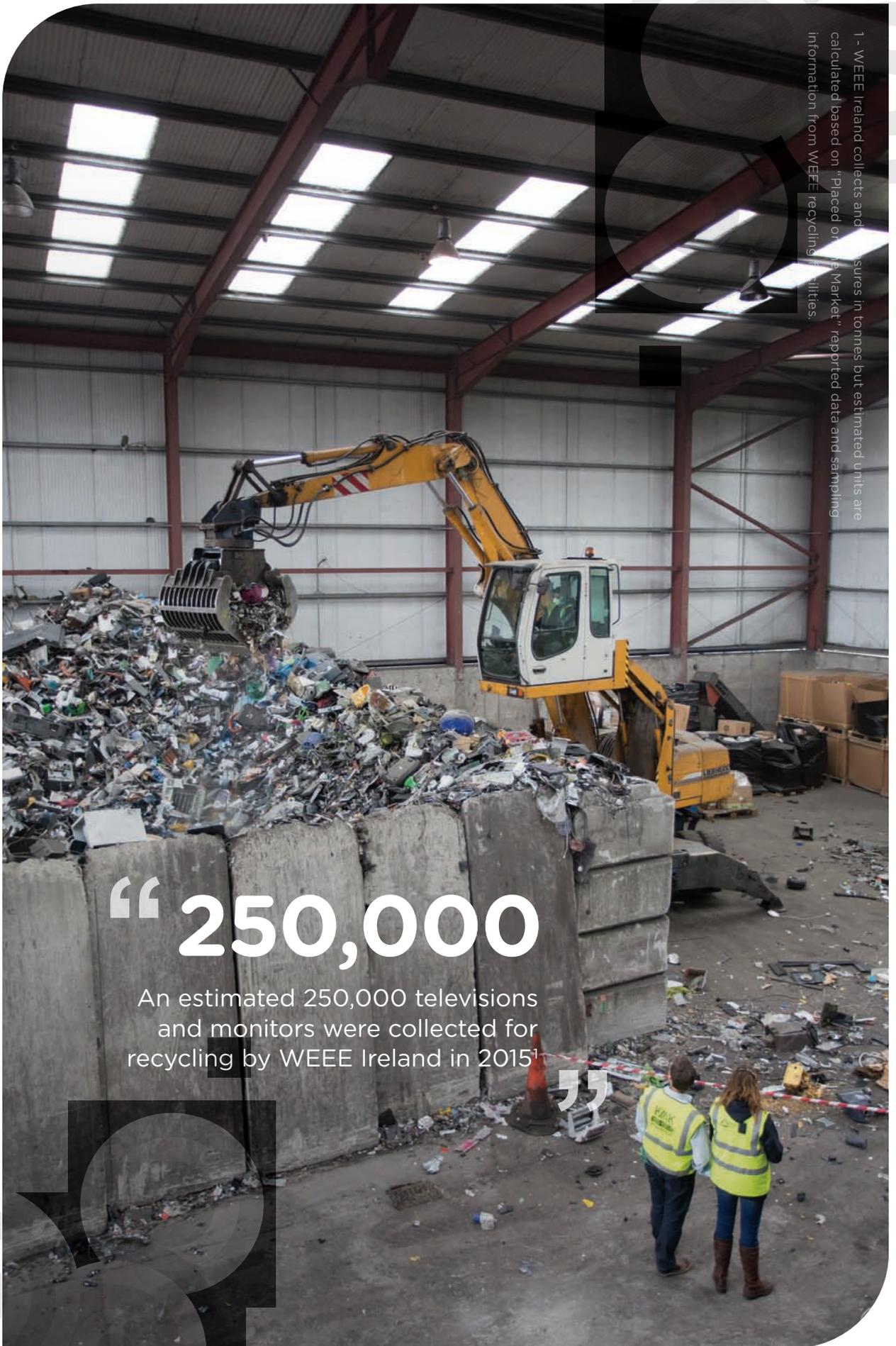
250,000 Televisions and monitors

3 million Lamps



1 - WEEE Ireland collects and measures in tonnes but estimated units are calculated based on "Placed on the Market" reported data and sampling information from WEEE recycling facilities.

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“ 250,000

An estimated 250,000 televisions and monitors were collected for recycling by WEEE Ireland in 2015¹”

KMK Metals Recycling, Tullamore, Co Offaly.

MARKET DATA & COLLECTION RATES

Producers are required under the WEEE Directive to report all appliances placed on the market under at least the 10 Categories of EEE.



The milestone targets under the current WEEE Directive are to achieve a **45% national WEEE Collection rate by 2016** and a **65% national WEEE Collection rate by the end of 2018**



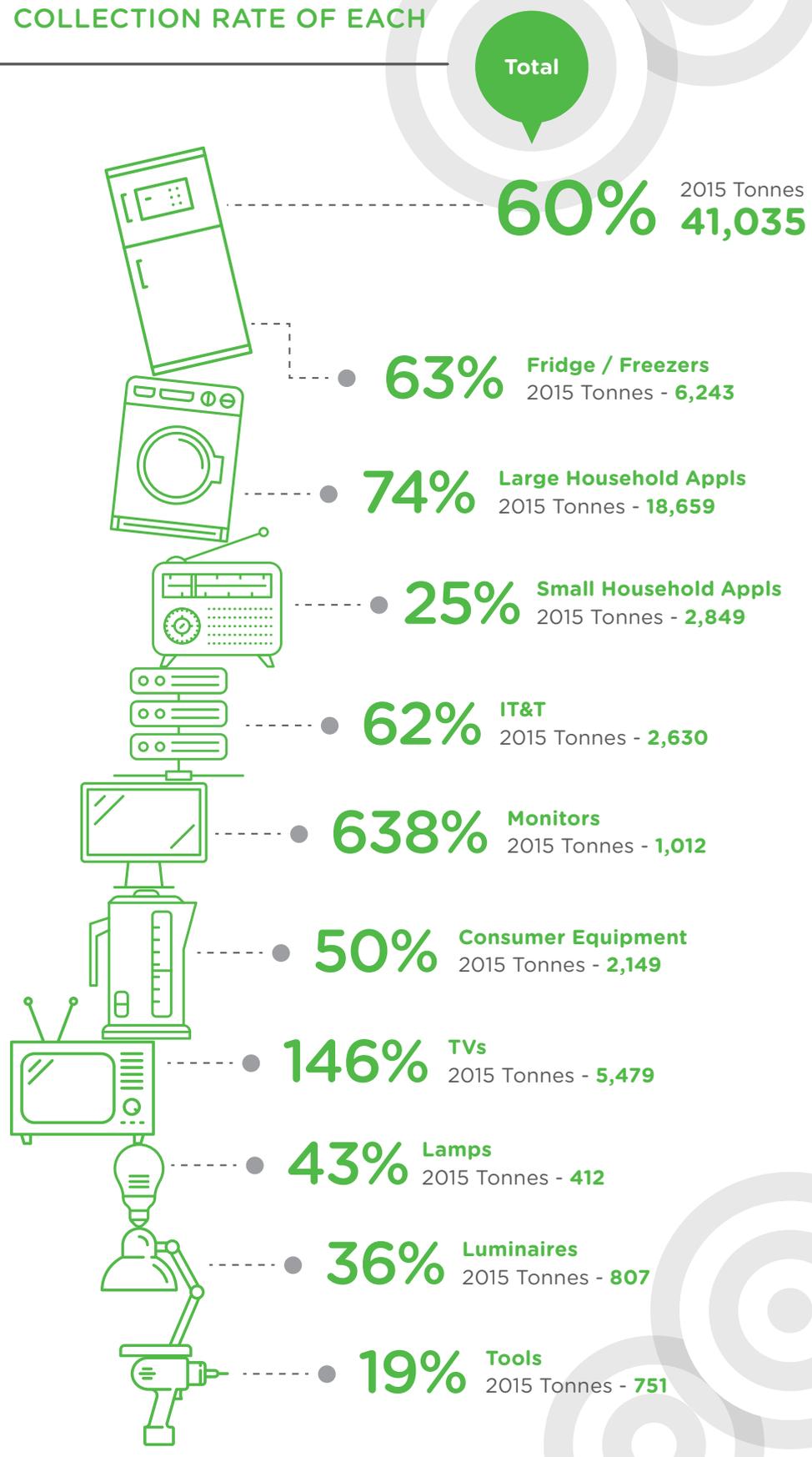
The collection rate is an important benchmark for Producers, Schemes and Member States. It is a required target under the WEEE Directive and shows the progress a country is making in implementing proper environmental management of its waste appliances.

Previously the collection rate was calculated on a weight collected per person basis. The WEEE collection rate is now a percentage calculated by comparing the total weight of WEEE collected for recycling with the average total weight of new appliances going on the market in previous years.² The national WEEE collection rates for Ireland from 2015 onwards include all WEEE flows from household (B2C) and professional (B2B). The milestone targets under the current WEEE Directive are to achieve a 45% national WEEE collection rate by 2016 and a 65% national WEEE Collection rate by the end of 2018.

² - The collection rate is calculated on the basis of the total weight of WEEE collected in the respective year expressed as a percentage of the average weight of EEE placed on the market (PoM) in the three preceding years:
Collection rate $y_i = \frac{3 * \text{WEEE collected}_{y_i}}{\text{PoM}_{y_i-1} + \text{PoM}_{y_i-2} + \text{PoM}_{y_i-3}}$.



NATIONAL B2C WEEE
COLLECTION RATE OF EACH



Please refer to the appendices for full details. Note, B2B rates are individually reported by self-complying Producers through the EPA's Eden. National B2B collection rates can be found on the Eurostat website.

“

2015 battery collections totalled **570 tonnes**
This equates to over 28 million AA batteries,
at least 8 AA batteries per person in
WEEE Ireland's collection area

”



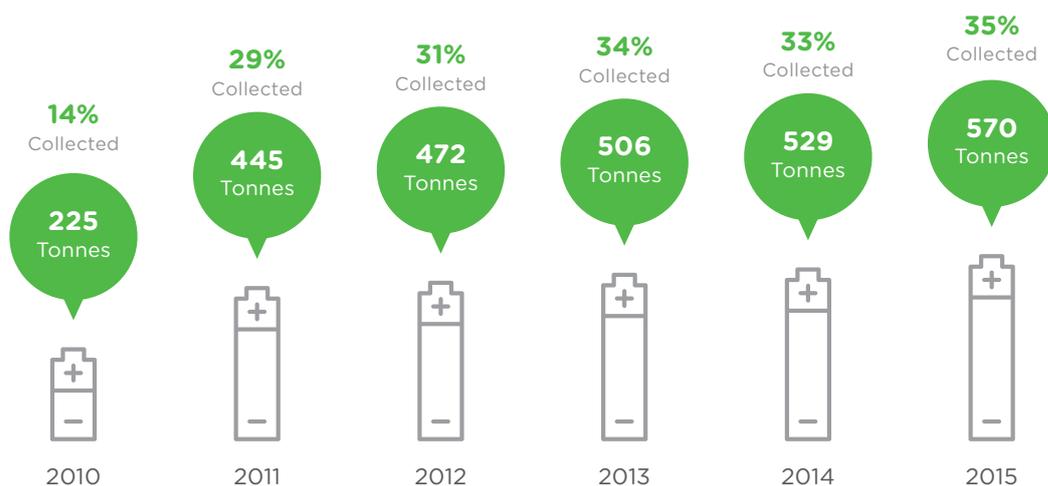
BATTERY COLLECTION DATA

With separate approvals for WEEE and waste battery collections, WEEE Ireland collects waste batteries for recycling in 23 Local Authority areas in Ireland. Since 2008 WEEE Ireland has been working on a 10-year plan to achieve its Members' share of the national battery recycling targets. The Scheme aims to establish a culture of battery recycling in its collection area that will maintain this high level of recycling beyond 2016. In 2015 WEEE Ireland had a strategic focus on collection point expansion and Blue Box distribution to build towards a successful achievement of the target of 45% take back in 2016.

WASTE BATTERY COLLECTION TARGET

Only portable waste batteries have a collection rate target set under the Batteries Directive; based on the tonnes collected for recycling as a percentage of average weight of batteries put on the market in 3 previous years. Ireland has a challenging national target of 45% of portable batteries to collect for recycling in 2016.³

WEEE Ireland Waste Portable Batteries Collected 2010 to 2015



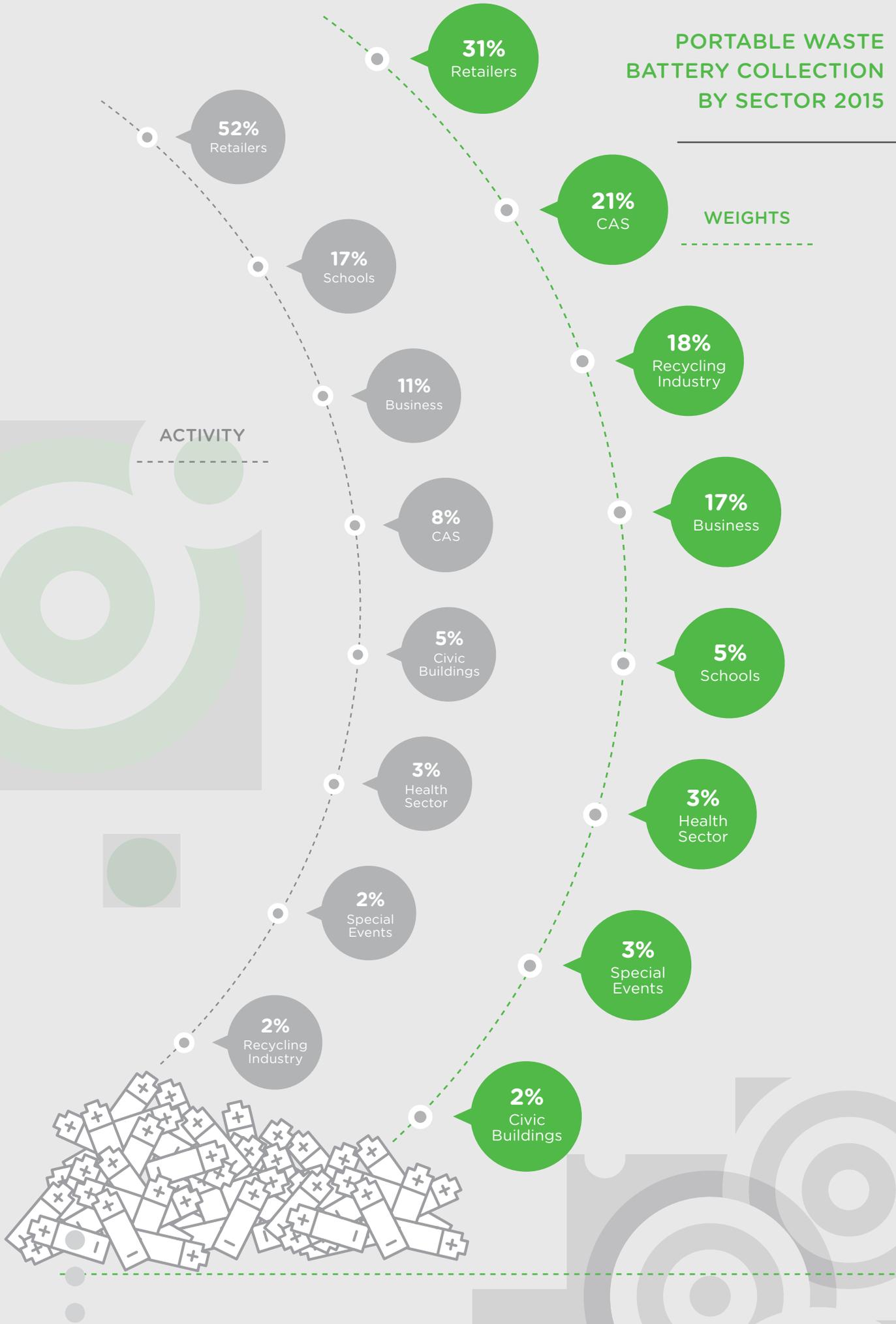
3 - The collection rate is calculated on the basis of the total weight of portable waste batteries (PWB) collected in the respective year expressed as a percentage of the average weight of portable batteries placed on the market (PoM) in the respective year and two preceding years: $\text{Collection rate } y_i = \frac{\text{PWB collected}_i}{(\text{PoM } y_i + \text{PoM } y_{i-1} + \text{PoM } y_{i-2})/3}$.



PORTABLE WASTE BATTERY COLLECTION BY SECTOR 2015

WEIGHTS

ACTIVITY





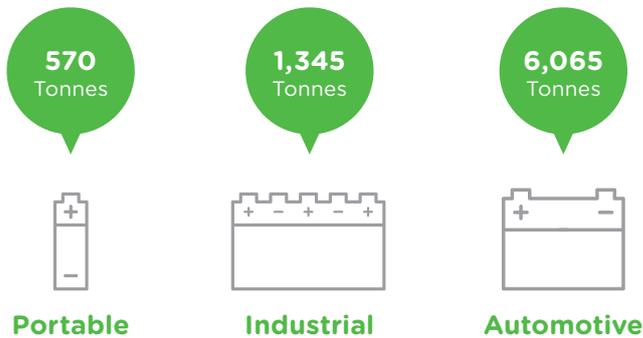
“

Collections from **over 6,000** battery collection points. **Over 52%** of collection activity was through retail premises. By weight, **Retailers, Civic Amenity Sites** and **Businesses** contributed the majority of waste portable batteries (69%) to the Scheme's collection efforts.

”



WEEE IRELAND TONNES COLLECTED 2015



WEEE Ireland serves the entire Battery Sector with portable, industrial and automotive waste battery collection programmes. The industrial battery collections included waste farm fence batteries which are taken back by co-ops and wholesalers in rural areas as well as at Civic Amenity Sites and collection events.

CASE STUDY; BATTERY MERCHANTISERS

WEEE Ireland employs a team of 3 dedicated Battery Merchandisers who not only collect blue boxes from retail, school and workplace collection points, they also refresh and supply new boxes, posters and other material to encourage everyone to #RecycleforGood and help Ireland meet the 2016 45% waste portable battery collection target. Blue Battery Boxes are designed to have a lifespan of over 3 years and in 2015 an additional 25,000 were distributed by the scheme to collection points in response to demand.



WEEE Ireland has developed dedicated education and collection programmes designed to increase public engagement in waste battery recycling. The unique 'Blue WEEE Ireland Battery Box' is central to the recycling programmes and acts as a recognisable, memorable point of collection for the general public. Working directly through schools, battery Retailers, Civic Amenity Sites, and public collection days, the scheme has seen continued increase in battery recycling activity in its dedicated collection areas.

“

Consumers are engaging with our programmes

WEEE are changing behaviour

”

Increasing awareness



Increasing collections

“

Every battery counts

Every appliance makes a difference

”

€2.3 million

Annual communications spend
Agreement under Government
WEEE Scheme approval

€1.1 million

AVE (Advertising Value Equivalency)
Return on investment from print,
Broadcast and social media
Coverage in 2015

€878,000

Total value of print media PR coverage
achieved in 2015

€310,000

Value of WEEE Ireland press coverage
just mentioning battery recycling

€40,000

Combined value of press coverage the
WEEELabex press release & WEEEPledge
schools story received in the newspapers





**Campaigns: 10 Reasons
WEEE are pleased with
our work in 2015**



60,000

Articulated truckloads of WEEE
diverted from landfill since 2005

WEEE ARE 10

WEEE Ireland's recycling programme has seen almost 300,000 tonnes of WEEE diverted from landfill since 2005. Packed into 60,000 articulated truckloads, nose to tail, the diverted electrical waste would stretch from Dublin to Paris (1,066km). Ireland is placed in the top 5 of WEEE Europe countries for e-waste recycling and with a take back collection rate of 60% is well ahead of the European average as reported through Eurostat of just 30%.

“

...inspiring the next generations to be
Guardians of our planet

”



WEEEPLEDGE

Ireland's most energised schools' battery recycling programme, WEEEPledge, has created a new movement, broadening students' recycling activity and inspiring the next generations to be "*guardians of our planet*". The project encourages students to take the WEEE-Pledge to recycle their batteries and by doing so they are helping to raise much needed funds for LauraLynn, Ireland's Children's Hospice. In 2015 over 2,000 primary and secondary schools took part in the WEEEPledge educational programme.





Stacey Moloney & Caitriona O'Dwyer, Great Bulb Exchange

THE GREAT BULB EXCHANGE

Ireland's Biggest Lightbulb Moment. 2015 saw the launch of a new awareness programme encouraging consumers to recycle CFL and FL lighting. Retail outlets such as Arro, Topline, Woodies, Homevalue and Expert Hardware were lead partners in the programme which gave consumers access to the 'a bulb for a bulb' offer in over 400 retail stores. Each consumer was offered a free flower bulb in exchange for the waste bulb they returned for recycling. This campaign lit up national and regional media and impacted on the memories of 1 in 10 Irish adults. 5,000 flower bulbs were circulated, and almost 3 million waste lamps were collected by WEEE Ireland for recycling through 2015.



BRAND BUILDING

In 10 short years WEEE Ireland has built a brand, educating the public and driving change. Standing firmly on four brand values of Openness, Dedication, Community and Trust, WEEE Ireland has, from its inception, delivered consistent messaging through all its activities. Motivating and empowering people on how to make WEEE and battery recycling a part of their waste management system in the home. 56% of people who took part in a recent survey are familiar with the WEEE Ireland brand and know what WEEE do. The majority of respondents understand that WEEE Ireland recycle electrical waste. 13 million items of WEEE were recycled in 2015. 28 million waste batteries were recycled in 2015. The numbers are impressive.

“ **13 million** items of WEEE were recycled in 2015 and **28 million** waste batteries were recycled in 2015 ”



Be a **bright spark!** Recycle for free with **WEEE Ireland**

**RECYCLE
FOR
GOOD**



WEEE Recycle anything with a plug or a battery

LAURALYNN - CHARITY PARTNER

Our partnership with LauraLynn, Ireland's Children's Hospice has been a rewarding aspect of our waste battery recycling campaign in 2015. We are pleased by how much good work, love, care and support the team at LauraLynn delivers, relying solely on fundraising. Our campaign ambassador, Bosco has been a wonderful champion for this campaign, touring the country for radio interviews, TV appearances and meet ups. People all over Ireland have been encouraged to get behind the waste battery recycling campaign with renewed energy and in 2015, WEEE Ireland's contributions reached a total of €185,000 to LauraLynn. This is in recognition of the battery recycling efforts made by everyone who chose to #RecycleforGood with WEEE Ireland.

“ WEEE Ireland's contributions reached a total of **€185,000** to LauraLynn. **#RecycleforGood** ”



Bosco having fun with friends at LauraLynn, Ireland's Children's Hospice

1st EUROPEAN BATTERY RECYCLING DAY

On Wednesday September 9th the European Association of National Collection Schemes for Batteries, (Eucobat) and WEEE Ireland, joined forces to ask people in Ireland to simply look around their homes and office for any waste batteries that need to be recycled. It was estimated that 2 out of 3 people in Ireland still do not recycle their small waste batteries and it is hoped that by working with international partners through EUCOBAT, WEEE Ireland can raise awareness of battery recycling and recycle more batteries than ever.



9th September 2015

1st european
battery
recycling day

POWERED BY EUCOBAT

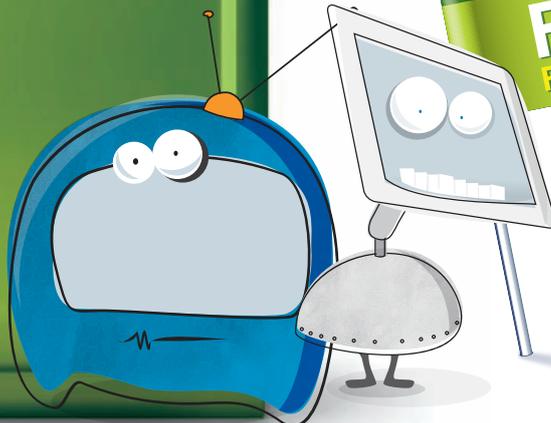


WE'LL TAKE IT BACK

2015 saw an increase of over 25% WEEE coming back through Retailers alone. This growth has coincided with the introduction of the 'We'll Take it Back' recycling drive. Supported by WEEE Ireland with funding for safe storage, education, signage and communications, Retailers have demonstrated an ability to take advantage of their unique position and point of contact with the consumer to promote the message of recycling electrical and electronic waste through their take back system. Now, Irish Retailers are significantly ahead of all other European counterparts for the take back of WEEE for recycling.

“ ..an **increase of over 25% WEEE** coming back through Retailers alone. ”

WEEE support
in-store take
back of **WEEE** at
electrical retailers



MY BATTERY BOX LAUNCH

Launched through Aldi in December, the new 'My Battery Box' is our in-home hero. It is placed in homes all around the country, gathering waste batteries for householders to return to our collection channels when full. This small blue battery collection box acts as a reminder, delivers our branding message and profiles our charity partner – reminding householders of the many reasons to recycle waste batteries. Over 125,000 'My Battery Boxes' were distributed throughout Ireland in 2015.



“ Over 125,000 'My Battery Boxes' were distributed throughout Ireland in 2015. ”

SOCIAL MEDIA

In 10 years WEEE Ireland has evolved its communications strategy. We now have a fully integrated delivery of our marketing communications across many media channels. Our goal is to engage the public and create awareness in very practical ways. Sometimes an ad on radio is appropriate, sometimes social media is the preferred way to reach people, as people increasingly turn to online media for their news, updates and social connections. Each campaign, each message, every call to action is carefully planned to help promote recycling to reach those all-important targets through consumer action!



20,000

WEEE've hit 20,000 likes on facbook! Yay!



Engaged users

45,208



Value of social media activity

€224,834.35

If compared to traditional advertising

People reached across social media

9,285,191



WEEELABEX

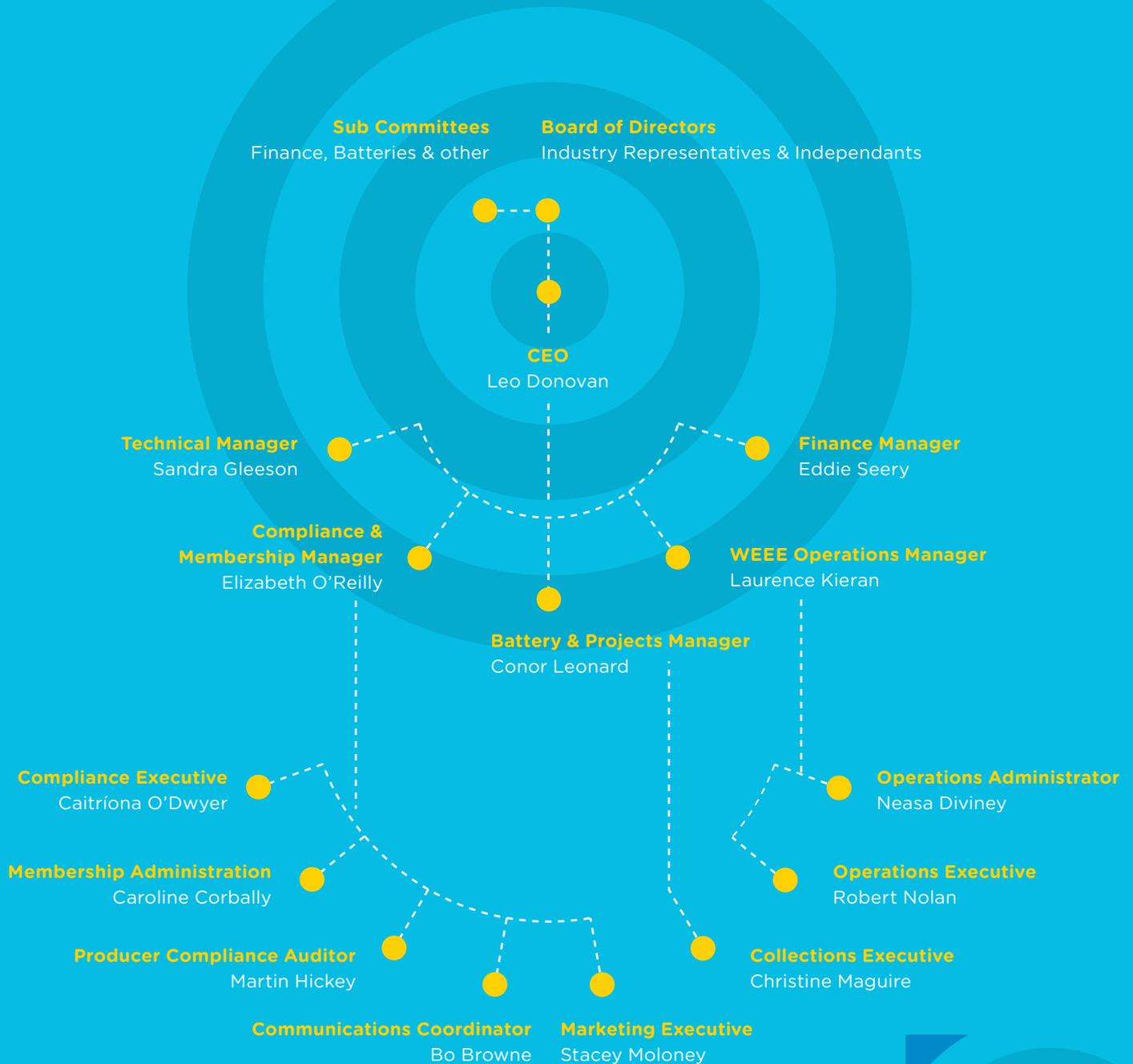
WEEE Ireland is more than a collections organisation as we are constantly improving recycling processes to see real improvements in outcomes. Excellence and quality are critical to improving standards of recycling and the recovery rates of items for re-production. WEEE Ireland congratulated their contractor, Irish Lamp Recycling, as the first Irish Lamp Recycling facility to achieve this European standard in 2015. Irish Lamp Recycling are one of only 34 European organisations to achieve the WEEELABEX Standard and are leaders in this field; bringing new standards to WEEE recycling here in Ireland. With 3 recycling contractors in Ireland certified to the WEEELabex standard - KMK Metals Recycling, Irish Lamps Recycling and The Recycling Village, WEEELABEX approved conveys that the highest standards are being implemented in the WEEE chain in Ireland.

“
...**Irish Lamp Recycling** are one of
only 34 European organisations to
achieve the WEEELABEX Standard
”



PROFESSIONAL TEAM

WEEE Ireland's core team have worked together over the last decade to establish a "best in class" Compliance Scheme for Members. WEEE Ireland's offices are based in the South County Business Park in Leopardstown, Dublin 18 from where the team travels to meet Members and other stakeholders as required.



PARTNERSHIPS

WEEE Ireland has placed quality partnerships as a priority in managing its WEEE and waste battery responsibilities on behalf of its Members. These partnerships span across collection channels, recycling contractors and third party companies. WEEE Ireland works in cooperation with other Schemes, groups and organisations on many different programmes, campaigns and activities.

“

There are more than **100 Civic Amenity Sites around Ireland** which the public can access to bring **WEEE and waste batteries for recycling** alongside other municipal waste streams.

”





“ **250 Retailer** premises were signed up to the take back programme ”

RETAILERS

In 2014 it was recognised that under the new WEEE regulations, significant efforts would need to be made by stakeholders to reach the 45% and 65% collection targets. The “We’ll Take it Back” programme was developed with oversight by an industry steering committee to encourage Retailers to take all WEEE back with no like-for-like purchase required. Contributions are made to back door costs relating to storage, security and separation of WEEE.

A national marketing fund of €1 million was created to help leading electrical Retailers promote the WEEE recycling message to their customers and the wider market. Retailers are required to sign an agreement with the Scheme promoting best practice collection point management and compliance and in return receive contributions for WEEE volumes taken back in store and on delivery of new appliances.

By the end of 2015, 250 Retailer premises were signed up to the take back programme and over 300 visits to retail stores and distribution hubs were made by WEEE Ireland’s dedicated Operations Executive.

NEWSPREAD

Collecting small amounts of waste batteries from convenience stores was a challenge for the collections team and in 2015 they introduced an innovative pilot programme with the Newsprint group (part of Independent News & Media plc). Newsprint provide a distribution network of over 6,000 Retailers in Ireland, with a fleet of over 400 vehicles which channel the WEEE Ireland Blue Boxes full of waste batteries using reverse logistics to a central Dublin hub. Here the returned boxes are scanned into the system providing for accurate reporting from each Retailer and generating a return delivery of replacement boxes to the Retailer overnight along with news and magazine orders. WEEE Ireland collects from the Newsprint hub each month providing for an efficient takeback of waste portable batteries. In 2015 over 1500 Retailers availed of Newsprint take-back programme.

LOCAL AUTHORITIES

There are more than 100 Civic Amenity Sites around Ireland that the public can access to bring WEEE and waste batteries for recycling alongside other municipal waste streams.

As part of the agreement with the Department of Environment, following the implementation of the 2014 WEEE Regulations, annual contributions are made from the Compliance Schemes to the Local Authorities to support their WEEE collection efforts. This amount equates to €1.2 million per year, of which WEEE Ireland contributes approximately €900,000

CA Sites collections accounted for 21% of WEEE and 31% waste batteries taken back by WEEE Ireland for recycling in 2015.

COMMUNITY COLLECTION DAYS

In 2006 WEEE Ireland introduced a schedule of free WEEE recycling events, or public collection days, to selected communities and areas throughout our collection areas. These events proved so popular that they have developed into annual events.

WEEE Ireland were the first to offer this innovative service for WEEE in Ireland. Over time, we developed a network of smaller collection events, colloquially known as “WEEE Wagon Days” which were held mid-week in rural locations, quite often in a town Mart, local sports ground or county council yard.

Over the years we have held events in partnership with all Local Authorities, Tidy Towns and Community Groups, Retailers such as Powercity, DID, Expert group, Tesco’s, Supervalu’s and local resident associations. We have also held events with environmentally aware companies such as Apple, Dell & IBM.

WEEE Ireland has also held joint events with the EPA, Teagasc & IFFPG throughout the years.



COLLECTION DAY STATISTICS

Since 2005

“ **16,000** ”

Since 2006 WEEE Ireland has collected over 16,000 tonnes at special events ”

“ **1,300** ”

Over 1,300 collection days and WEEE Wagon events held in Ireland ”

“ **300,000** ”

An estimated 300,000 people attended these events ”

“ **4,000** ”

WEEE Ireland filled over 4,000 trucks at these events ”

“ **320,000** ”

The WEEE collected would be equivalent to over 320,000 washing machines ”

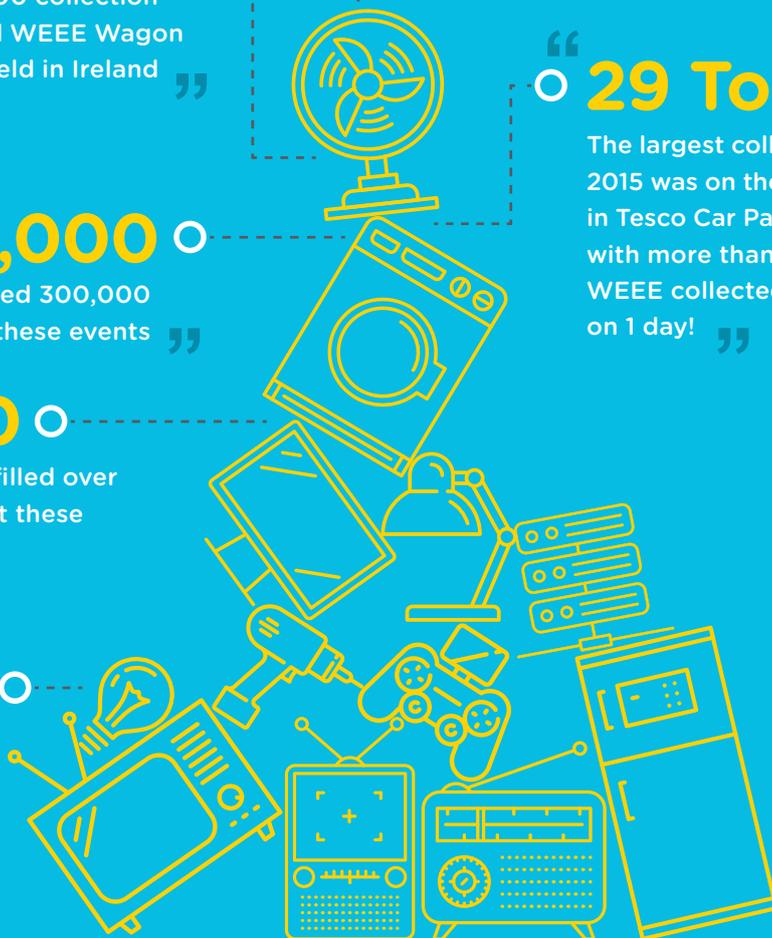
In 2015

“ **200** ”

200 Collection Day events were held in 2015 ”

“ **29 Tonnes** ”

The largest collection event in 2015 was on the 14th February in Tesco Car Park, Mitchelstown with more than 29 tonnes of WEEE collected for recycling on 1 day! ”



EPA HAZARDOUS WASTE DAYS

In 2015 WEEE Ireland again cooperated with the EPA and other interested parties to encourage more farmers to bring hazardous waste for safe disposal. Seven of these events were held in WEEE Ireland's collection area, generating more than 26 tonnes of WEEE and 10 tonnes of waste batteries for recycling.





“

More than **300 people are employed** in Ireland in direct connection with WEEE Ireland collection and recycling activity.

”

•

2015 CONTRACTORS

WEEE Ireland contractor appointments are made subject to strict tender criteria which includes cost effectiveness, compliance and best practice and green procurement objectives. These appointments are overseen by a Procurement sub-committee of the Board of Directors and managed by the Operations Manager. Contractors are audited by the Technical Manager on an annual basis to ensure they meet their contractual, regulatory and best practice (WEEELABEX) requirements.

More than 300 people are employed in Ireland in direct connection with WEEE Ireland collection and recycling activity.

RECYCLING PARTNERS 2015

KMK Metals Recycling*, Tullamore, Co Offaly.

Key Operating Area: WEEE & waste battery Collection & Recycling & Special Events

Trevor Ratcliffe Deliveries, Rathcoole, Dublin

WEEE Collections and Special Events

The Recycling Village*, Duleek, Co. Meath

Television and Monitor Recycling and Battery Collections

Irish Lamp Recycling*, Athy, Co Kildare

Nationwide Lamp Collection and Recycling

Rehab Recycle, Ballymount, Dublin

WEEE Collection and WEEE Transfer Station

Clondalkin Community Recycling Initiative, Clondalkin, Dublin

Kerbside Collection, Dublin Area

**WEEELABEX Certified Facility*



“ WEEE Ireland supports indigenous Irish facilities and is proud of its recycling partners in Tullamore, Duleek and Athy, who have all achieved the WEEELABEX Standard. ”

EFFICIENT RESOURCE RECOVERY

Tracking waste management throughout the recycling process includes measurements of how well the stream is recycled. This is benchmarked by recovery and recycling efficiency rates i.e. the percentage of recycled material that reaches end of waste criteria and can be used again, including energy recovery, compared to the amount sent to landfill. The WEEE Directive requires high recovery rates for each Category and WEEE Ireland is required to report on this activity on behalf of its Members each year. In 2015 WEEE Ireland began implementing RepTool; a software package especially designed to assist the calculation of recycling and recovery rates. The Batteries Directive equally requires measures of efficiency of the waste battery recycling process according to chemistry.

WEEE Ireland contractors are required to report on their downstream facilities to WEEE Ireland and this is validated through the audit process. All WEEE Ireland's WEEELabex certified contractors use RepTool to assist downstream monitoring obligations required under the Standard.

QUALITY TREATMENT STANDARDS

Moving away from a linear waste management system to a more circular resource efficient one requires the highest quality in collection and recycling processes. 65% of all WEEE collected in Ireland is recycled by treatment facilities in Ireland. WEEE Ireland works with contractors that are certified to the highest standard in the WEEE industry. This standard is called the WEEE Label of Excellence or WEEELABEX, and has now been transposed into the European standard series, EN50625.

This standard is a mandatory requirement in only three other EU countries - Netherlands, France and Belgium, which puts Ireland at the forefront of WEEE treatment in Europe.

What does this mean for Producers?

Physically, it means that WEEE is dismantled mechanically or manually into its constituent components, hazards are removed and treated appropriately and clean fractions of material are produced including a range of plastics and metals. All of this is strictly documented according to appropriate licences and legislation but is also physically checked using standardised monitoring to ensure the highest quality fractions are produced.

Economically, it means better quality fractions that yield better market prices with potential for future end of waste status.

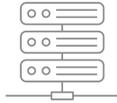
Nationally, it means the creation of truly sustainable recycling processes that support the green economy and put Ireland as a leader in the WEEE industry, in a **global context**.

In essence it gives assurance that the WEEE collected is treated by recyclers that are independently certified with fully traceable waste flows and meeting the required standard under Irish legislation.



1 - Large Household Appliances

EU Target Recycling & Prep. for Reuse - **80%**
WEEE Ireland Recycling & Prep. for Reuse - **81%**
EU Target Recovery Rate - **85%**
WEEE Ireland Recovery Rate - **95%**



3 - IT & T Equipment

EU Target Recycling & Prep. for Reuse - **70%**
WEEE Ireland Recycling & Prep. for Reuse - **78%**
EU Target Recovery Rate - **80%**
WEEE Ireland Recovery Rate - **96%**



5 - Gas Discharge Lamps

EU Target Recycling & Prep. for Reuse - **80%**
WEEE Ireland Recycling & Prep. for Reuse - **92%**
EU Target Recovery Rate - **N/A**
WEEE Ireland Recovery Rate - **N/A**



6 - Electrical Tools

EU Target Recycling & Prep. for Reuse - **55%**
WEEE Ireland Recycling & Prep. for Reuse - **72%**
EU Target Recovery Rate - **75%**
WEEE Ireland Recovery Rate - **96%**



9 - Monitoring & Control Equipment

EU Target Recycling & Prep. for Reuse - **55%**
WEEE Ireland Recycling & Prep. for Reuse - **72%**
EU Target Recovery Rate - **75%**
WEEE Ireland Recovery Rate - **86%**

2 - Small Household Appliances

EU Target Recycling & Prep. for Reuse - **55%**
WEEE Ireland Recycling & Prep. for Reuse - **72%**
EU Target Recovery Rate - **75%**
WEEE Ireland Recovery Rate - **96%**



4 - Consumer Electronics

EU Target Recycling & Prep. for Reuse - **70%**
WEEE Ireland Recycling & Prep. for Reuse - **86%**
EU Target Recovery Rate - **80%**
WEEE Ireland Recovery Rate - **97%**



5 - Luminaires

EU Target Recycling & Prep. for Reuse - **55%**
WEEE Ireland Recycling & Prep. for Reuse - **91%**
EU Target Recovery Rate - **75%**
WEEE Ireland Recovery Rate - **91%**



7 - Toys & Sports Equipment

EU Target Recycling & Prep. for Reuse - **55%**
WEEE Ireland Recycling & Prep. for Reuse - **72%**
EU Target Recovery Rate - **75%**
WEEE Ireland Recovery Rate - **96%**

WEEE IRELAND WEEE RECOVERY RATES 2015

RESULTS

WEEE Ireland Battery Recycling Efficiency Report 2015

85.8%

Efficiency

Battery Type Lead Acid 16 06 01*

Recycler **HJ Enthoven**

Location **UK**

Recycling Efficiency **85.8%**

Target **65%**

77.6%

Efficiency

Battery Type Lead Acid 16 06 01*

Recycler **Campine**

Location **France**

Recycling Efficiency **77.6%**

Target **65%**

96%

Efficiency

Battery Type Lead Acid 16 06 01*

Recycler **EnviroWales**

Location **UK**

Recycling Efficiency **96%**

Target **65%**

78.5%

Efficiency

Battery Type Nickel Cadmium 16 06 02*

Recycler **Accurec**

Location **Germany**

Recycling Efficiency **78.5%**

Target **75%**

53.8%

Efficiency

Battery Type Other (Lithium) 16 06 05

Recycler **Accurec**

Location **Germany**

Recycling Efficiency **53.8%**

Target **50%**

72%

Efficiency

Battery Type Other (Alkaline) 16 06 04

Recycler **Redux**

Location **Germany**

Recycling Efficiency **72%**

Target **50%**

“

98%

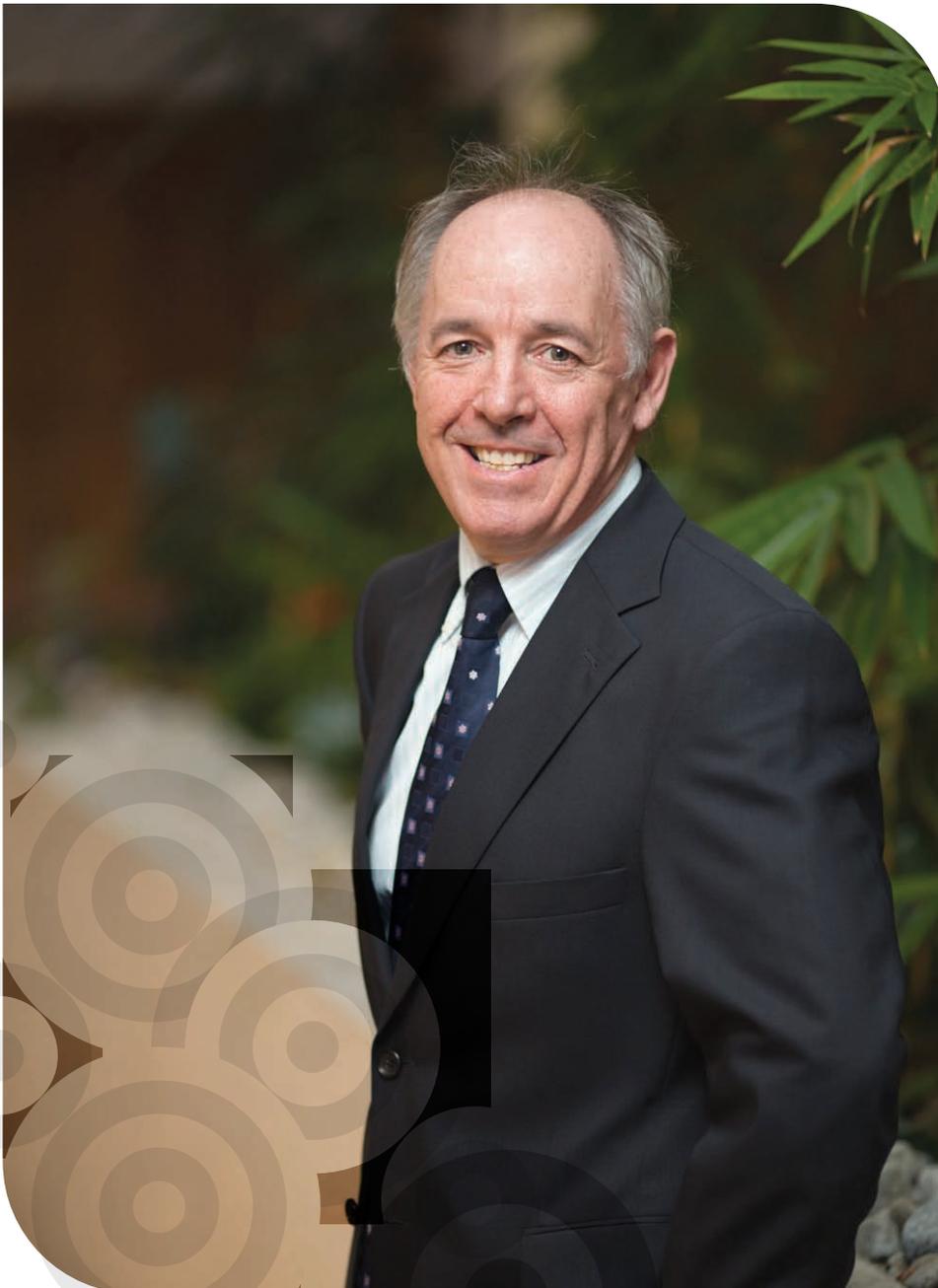
Lamps are recycled in Ireland with **98%** of the fractions retained in Ireland.

”

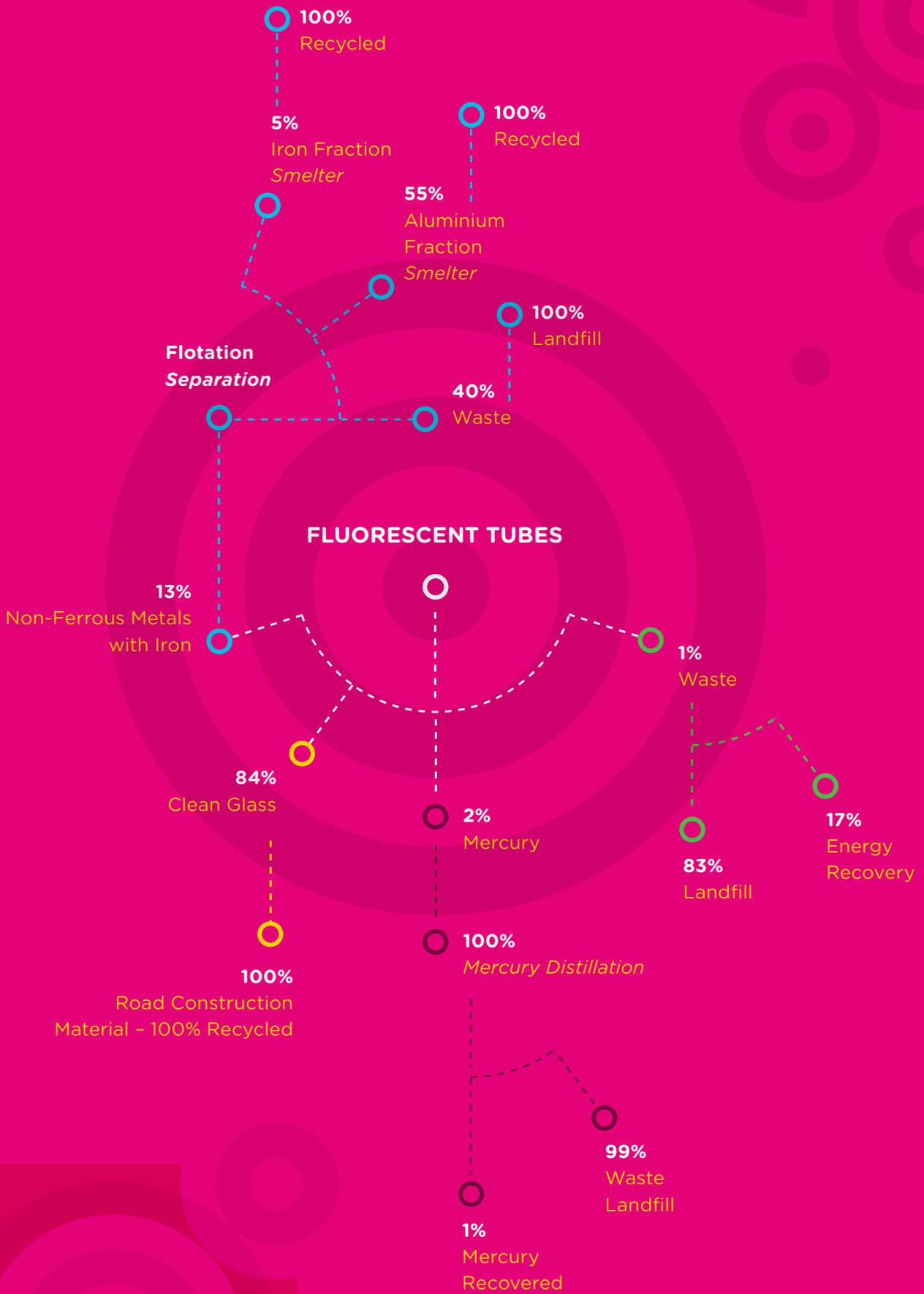
“

Mercury Sludge is treated in the UK and safely disposed of
Aluminium is smelted in Ireland into ingots which is used in automotive or engineering sectors.
The glass is used in Ireland to make large concrete blocks for roads
Residue goes for energy recovery incineration in Ireland.

”



FLUORESCENT TUBE TREATMENT FLOW



CLIMATE CHANGE - CAN WEEE HELP?

CFC gases are ozone depleting gases that were banned from production in refrigeration since the Montreal Protocol entered into force in 1989. When released onto the atmosphere they cause a greenhouse effect and can contribute to global warming. 40% of the fridges and freezers WEEE Ireland recycled in 2015 still contain CFC's.

“ **40% of the fridges and freezers**
WEEE Ireland recycled in 2015
still contain CFC's. ”



In 2015 WEEE Ireland collected and recycled 4,500 tonnes of fridge freezers - saving 5750.93T of CO2 equivalent gases being released into the atmosphere This is equivalent to a 747 passenger airplanes flying four times around the world!

Since 2015 WEEE Ireland have been taking part in a detailed WEEE Forum project to establish a common method of calculating the CO2 emission savings from total all WEEE recycled in Ireland. It is hoped that this calculation model will be ready for reporting in 2017.



EU REPORTING & BENCHMARKING

WEEE Ireland works within an Irish and European context as the Batteries and WEEE Directives require Producers operating across different Member States to undertake Producer Responsibility obligations in a broadly similar way.

As a member of the WEEE Forum since 2006 and Eucobat since 2009, WEEE Ireland has gained and shared best practice experience with these organisations as an invaluable source of information and collaboration.





WEEE Ireland ranked 2nd across the WEEE Forum schemes in terms of household WEEE collection rates in that year



2015 and ongoing **Eucobat projects**;

- Batteries Directive Recast Position Papers
- Battery Treatment Standard development
- Battery Recycling Capacity Study
- 1st International Battery Recycling Awareness Day
- ADR Consultations

2015 and ongoing **WEEE Forum** projects;

- CWIT project publication
- EN5062 CENELEC working group submissions
- PROSUM & Horizon2020 WEEE bid developments

Both organisations collate key figure data on a yearly basis to allow Schemes benchmark themselves against their European colleagues.

In 2014 WEEE Ireland ranked 2nd across the WEEE Forum schemes in terms of household WEEE collection rates in that year.⁷

CASE STUDY: THE NETHERLANDS

The Netherlands has a population of circa 17 million, which is about half the size of Ireland. The country has a history of WEEE and waste battery takeback spanning 20 years. In 2014 the Wecycle Scheme reported 111, 000 tonnes of WEEE recycled, **a 38% collection rate - 6.5kg per capita**.⁸

Stibat, the Dutch National Battery Scheme ran a consumer campaign '*Lege batterijen? Lever ze in en WIN!*' ('Waste batteries? Hand them in and WIN!'). In this campaign, the consumers had to hand in a bag with ten waste batteries and their contact details at one of the many collection points for a chance to win prizes. Stibat reported in 2014 a collection rate of **44.6% from over 26,000 battery recycling points** in The Netherlands.⁹

WEEE Ireland is ahead of our Dutch colleagues in WEEE collection for recycling but there is work to do to achieve 45% waste portable battery takeback in 2016

7 - <http://www.weee-forum.org/services/key-figures-platform>.

8 - <http://www.wecycle.nl/subsites/jaarsite2014/index.htm>.

9 - <http://stibatjaarverslag2014.nl/introductie.html>.

RESEARCH & DEVELOPMENT

WEEE Ireland is contributing to a number of research programmes that aim to improve the management and overall resource efficiency of the WEEE and/or battery waste streams in Europe; WEEE Ireland also supports the Irish EPA Research and enforcement programmes through an annual grant of €187,000

ProSUM

Prospecting raw materials in the secondary urban mine and mining wastes. The Prosum project aims to deliver the first comprehensive *Urban Mine Knowledge Data Platform* WEEE Ireland is contributing to the project through the WEEE Forum with data from our WEEE and waste battery takeback volumes and sampling results. There is particular interest from the PROSUM coordinators on the WEEE Ireland mixed WEEE treatment process as it is the only one they can access battery results from at present www.prosumproject.eu

Revolv

The WEEE Ireland Scheme currently sits on the steering committee of the Revolv Project, an Irish based programme cofounded by the EC ECO Innovation programme, aimed at developing new technology for flat screen recycling. This will require more and more in the coming years as the early models from 2005 start to reach their end of life and become WEEE. More information can be found on the <http://revolvproject.eu/>

Challenging the WEEE Illegal Trade - CWIT

Only 30% of Europe's waste electrical appliances end up in an authorised recycling system, leading to significant resource and financial losses as well as potential damage to human health and the environment that can be caused by illegal waste practices. As a Member of the WEEE Forum, WEEE Ireland supports the work undertaken by our colleagues and other stakeholders in highlighting the challenges faced by authorised recycling systems. In 2015 the findings from the CWIT report were published and underlined the amount of WEEE lost from the official recycling system, limiting Europe's growth toward a more resource efficient future.⁶ In Ireland the introduction of mandatory handover of WEEE to Producers and their Schemes from collection points and the significant involvement of Retailers in the takeback system have helped limit the impact of unauthorised operators. WEEE Ireland also commends the comprehensive work the regulatory and enforcement network in Ireland have undertaken in this area.

The waste tracking and audit verification that WEEE Ireland directly undertakes with its operators allows the Scheme line of sight of the collection, recycling and recovery activity that it reports to its Producer Members and undertakes on their behalf each year.

In 2015 WEEE Ireland held a seminar on Challenging the Illegal waste industry with stakeholders from the waste and enforcement sector in Ireland, UK and Brussels attending.

Strive Historical WEEE Project

The Environmental Protection Agency oversees STRIVE research funding on an annual basis with the objective of *“Using knowledge to protect and improve our natural environment and human health”* In 2014/15 STRIVE funding was allocated to the University of Limerick for a project entitled *“The development of a model to ascertain future levels of historic WEEE arising (Historic WEEE).”*

WEEE Ireland sat on the steering committee for this research project throughout 2015. The project sampled WEEE from WEEE facilities in Ireland to ascertain the age of the products using the presence or absence of a crossed out wheellie bin symbol as an age marker. This sample was compared with European data to see if the Irish WEEE stream matches existing WEEE generated models. The findings showed significant levels of historical WEEE arise and will continue to arise beyond 2020 in fridge freezer, LHA and CRT waste streams. The profile of historical WEEE did not change despite the significant drop in sales during the ‘recession’ years in the Irish retail environment.

Throughout 2015 WEEE Ireland also participated in online surveys and requests for information from other Schemes, research institutions and Producers and trade associations, as well as hosting visitors from Ireland and abroad, to share its 11-year experience.



PRODUCER RESPONSIBILITY

Membership Services

WEEE Ireland is an Approved Body under the WEEE and Battery Regulations in Ireland helping its Members with their Producer Responsibilities. The Scheme is entrusted by its Members to deliver a professional, expert and cost effective compliance system on their behalf.



Membership Certification
Auditing and Compliance Review
Advice & Guidance, Regulatory Updates
Retailer Registration

2015 MEMBERSHIP STATISTICS

493 WEEE & Batteries

140 WEEE only



893 Full Members

260 Batteries only

WEEE Ireland Members

893 Full Members
493 WEEE & Batteries
260 Batteries only
140 WEEE only
88 New Members
29 deregistered

Market Share

WEEE 73%
Batteries 91%
Portable 70%
Industrial 85%
Automotive 98%

Compliance Audits

>200 events

Retailer Registration

7012 Certified Retailers



MEMBER AUDIT PROGRAMME AND COMPLIANCE REVIEW

WEEE Ireland carries out detailed Compliance Reviews on Members to audit the integrity of data going into the Blackbox and ensure they understand their Producer Responsibilities under the Regulations, including correct reporting, labelling, and information to consumers and ROHs conformity documentation. The Compliance team also meets with new Members to give guidance where required on the set up of reporting systems, understanding new reporting roles and other queries. For any Member exiting the industry, WEEE Ireland carries out a deregistration audit to ensure that Blackbox reporting and payments are all up to date.

There were more than **200** Compliance interactions with WEEE Ireland Members during 2015 and they also provide an opportunity to receive feedback from Members on an individual basis.

Compliance Conformance Issues identified in 2015 include;

- Including all EEE products in monthly reporting
e.g. seasonal changes
- Scoping & categorisation e.g. print cartridges,
dual use definitions, B2B vs B2C
- Reporting of weights - accuracy and supplier data management
- Implementing B2B self compliance takeback obligations
- Obtaining ROHS conformity declarations from suppliers

Circa €35,000 in non-reported data was updated by Members following audits.

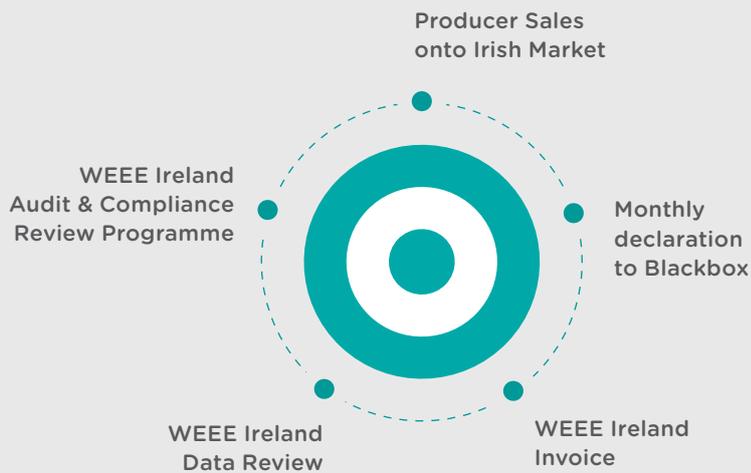
Postal Audits

WEEE Ireland manages the compliance review of Producers where the team or individual responsible for Blackbox reporting is located outside of Ireland, through 'postal auditing'. The Producer is required to fill out a detailed questionnaire and return with supporting documentation. Upon review, a phone interview is **often required** and a follow up report is sent to the Producer, to help ensure they are **meeting** their compliance obligations under the WEEE and Battery Regulations in Ireland.



WEEE Ireland recommends all Producers maintain an Audit file with documentation including;

- Product Categorization Procedure
- Weight Calculation
- Sales Data
- Blackbox Reports
- WEEE Ireland Invoices
- ROHS conformity detail
- Internal Audit Processes (accuracy checks)



The declarations Producers make to the Blackbox determine individual Market Share and Producer responsibility costs but are also part of the cumulative Irish EEE & battery market data reported to EUROSTAT. Timely reporting and accuracy of data are key components to ensuring the integrity of this information and laying the foundation for sensible collection rate targets.

No. of Members Per Year



RETAILER COMPLIANCE

Retailers of EEE, Automotive and Industrial Batteries are required to register under the Regulations with either a Compliance Scheme or Local Authority. Retailer Registration is a daily activity for the WEEE Ireland Compliance Team and a service provided free of charge. A total of 6097 Retailers were certified online in 2015 including 926 newly registered Retailers last year,

“ Total of **6,097**
Retailers Certified
by WEEE Ireland in 2015 ”

5171 Retailers re-certified online,
2015 Retailer database review and update
926 new Retailers Registered in 2015

LEGISLATION

The legal framework for WEEE and Battery Producer Responsibility is a complex and dynamic one. WEEE Ireland is committed to keeping Members abreast of current developments on their regulatory requirements in this sector and ensuring the voice of Irish Producers is heard in European debates and discussions. WEEE Ireland also submits to relevant consultations from the Department of environment relating to WEEE, waste batteries, Producer Responsibility, Waste management & Circular Economy

In 2015 topics included;

- Dual Use definition implementation
- Regional Waste Management Plan Consultations
- Fixed payment notices introduced by the new Environmental (Miscellaneous Provisions) Act 2015
- EU Circular Economy Draft Package
- Battery Regulations - heavy metal exemption removals, labelling & removability
- Reuse Registration Criteria development



EC REPORTING HARMONISATION PROJECT

In 2015 WEEE Ireland participated on behalf of its Members in the overview undertaken by the European Commission on harmonising WEEE registration and reporting procedures across Member states. Despite one unifying WEEE Directive, the flexibility it allows Members states during transposition into their national laws means many differences in each country. During the review it was clear that just one waste categorisation system would reduce the administration burden on the industry and streamline the traceability, monitoring and reporting for WEEE for all stakeholders.

The benefit of this exercise to Producers can be summarized by one such quote in the final report *“Placing on the market of 25 Member States and multiplying this by 3 (WEEE, packaging, batteries) we have to provide data to 81 Extended Producer Responsibility (EPR) compliance systems. It is therefore essential, especially for Small and Medium Enterprises (SME) selling in different Member States, that the type and format of data is harmonized throughout Europe wherever possible”* European Commission 2016

Key recommendations from the final report include;

- Introduce a new proposed harmonised data structure and format for registration and reporting of Producers to the national register in each Member State
- Develop a unique WEEE categorisation system with corresponding codification system such as the 54 UNU-Keys.
- Introduce quarterly reporting as frequency.

UNU KEYS

Currently all Producers report under 10 EEE Directive Categories for new appliances - changing to 6 in 2018. However, each country can have additional subcategories of electrical appliances for reporting as placed on the market by Producers. The EU harmonisation report details Ireland and Germany has having 28 of these sub categories while Spain has 14, which is challenging for Producers preparing reports for each jurisdiction. The UNU keys are a universal reporting structure with 54 product groups that share comparable average weights, material compositions, end-of-life characteristics and lifespan distributions. This makes the system very useful for compiling e-waste statistics as well as a possible harmonised reporting system for all Producers across the EU Member States¹⁰

WASTE PREVENTION & REUSE

The WEEE and Batteries Directives prioritises waste prevention and preparation for reuse activities in its diversion from landfill objectives. WEEE Ireland has focused on building a quality collection recycling and recovery infrastructure over the last decade and recognises the emphasis that must be placed on waste prevention and preparation for reuse as part of the Circular Economy and Resource efficiency 2020 agendas. During 2015 WEEE Ireland participated in the consultation for development of Registration Criteria for preparation for reuse organisations in Ireland. The National Producer Registration Body - Producer Register Ltd is the Approved Body for registration of these organisations.



WASTE PREVENTION ACTIVITIES IN 2015

Building awareness and disseminating information in an interesting and practical way on waste prevention was one of the communications team briefs for 2015. This was done in cooperation with many other organisations working in these areas. The activities they carried out in this regard included;

- Celebrating key environmental and national holidays with social media reminders and competitions to Reduce, Reuse, Recycle and even Upcycle in many different ways.
- Encouraging our community of followers on social media to prevent waste and reuse more through competition giveaways of OBEO boxes and Textile Teds, Refurbished Laptops
- Sponsor of Dun Laoghaire Rathdown Envirocom Awards Waste Prevention Category
- Hosted the Challenging Illegal Waste Stakeholder Seminar in April
- Working with IKEA and Alupro Ireland in May to promote aluminum tea light holder recycling
- Promoting the great work of the Rediscovery Centre, SMILE Resource Exchange and Green Aware online and at our WEEE are 10 event in September
- E-waste Film Toxic Tech Screening Event and promotion in December
- Participating in Green Business and Green Hospitality workshops as well as those held by Smile Exchange & Intereg Ireland on Resource Efficiency,



FINANCING PRODUCER RESPONSIBILITY

Under the 2012 WEEE Directive

Producers must... under Article 12(1) of the WEEE Directive *"Member States shall ensure that Producers provide at least for the financing of the collection, treatment, recovery and environmentally sound disposal of WEEE from private households that has been deposited at collection facilities set up under Article 5(2)."*

Under the 2006 Batteries Directive

"1. Member States shall ensure that Producers, or third parties acting on their behalf, finance any net costs arising from: (a) the collection, treatment and recycling of all waste portable batteries and accumulators collected in accordance with Article 8(1) and (2); and (b) the collection, treatment and recycling of all waste industrial and automotive batteries and accumulators collected in accordance with Articles 8(3) and (4)."

FEE STRUCTURE

The Compliance costs that Producer Members pay as part of the collective Scheme include the following obligations:

- Contingency Reserve Maintenance
- Historic WEEE Liability
- Future WEEE liability
- Battery Obligations
- Awareness Raising
- Collection and infrastructure
- Recycling and Recovery
- Compliance Scheme administration
- Contributions to the Local Authorities
- Contributions to EPA enforcement and R&D funding
- Retailer We'll Take It Back Programme

vEMC's

In Ireland Visible Environmental Management Costs (vEMC's) were re-established under the 2014 WEEE Regulations. vEMC's are displayed instore and on websites. They currently apply to the following EEE products;

Category	Description	vEMC (incl VAT)
1.1	Side by Side Refrigeration	€10.00
1.2/1.2a/1.3	Other Fridges Freezers & Large Appliances	€5.00
4.1	Large Televisions (+73cm)	€5.00
5.1	Gas Discharge Lamps (including CFLs & FLs)	€0.15
5.2	LED Light Sources	€0.05

WEEE Ireland invoices Members each month for the vEMC's and Recycling Management Costs (RMC's). These invoices are based on Producer reporting of sales to the online Blackbox

RMC's

Recycling Management Costs are integrated into the product price by Producers but are not visibly shown to the consumer. WEEE Ireland invoices RMC's on all EEE and battery categories reported by Producers. The RMC's are set in consultation with the industry sectors and signed off by the Board of Directors each year.

CONTINGENCY RESERVE

To ensure Producer Responsibility Schemes in Ireland continue to meet their obligations on behalf of their Members in any unforeseen circumstances or contingent event, a fund is required to be ring fenced for this purpose and maintained. The amount must equal one year's direct operating cost. WEEE Ireland has maintained a separate contingent fund since 2006 as part of its Members' collective financial obligations.

HISTORICAL WEEE COSTS

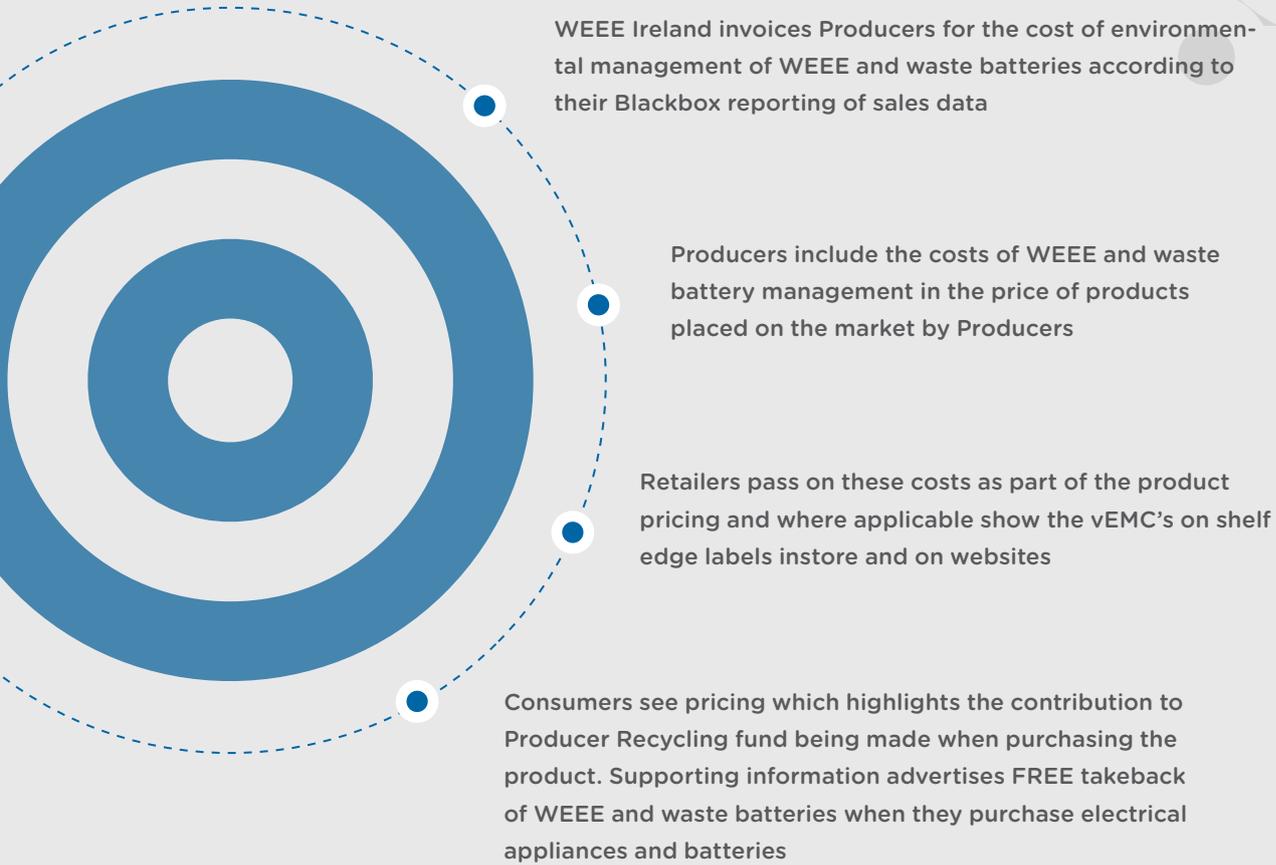
When the WEEE Directive was transposed into Irish legislation in 2005 it required all Producers currently in the market to finance their existing market share of the historical WEEE liability i.e. the costs of takeback and recycling of waste appliances placed on the market prior to 2005. WEEE Ireland projected that an €80 million finance package was required to cover this liability and that it would need to be managed over a 15-year lifecycle as the age range and span of certain older appliances would last until at least 2020. WEEE Ireland maintains a historical WEEE Reserve from recycling management costs to finance this Producer responsibility.

BLACKBOX

The online Blackbox is the confidential reporting tool managed by the Producer Register Ltd - the National Registration Body for EEE and Battery Producers (formerly known as the WEEE Register Society). Producers receive access to this reporting programme when they register in Ireland for the first time on www.producerregister.ie



WI FINANCE MODEL FLOWCHART



INDUSTRY FEEDBACK

WEEE Ireland meets with Members and trade associations from September to November each year to discuss projected costs to Producers in the 3 years ahead and also to receive Producer feedback on the industry growth and other trends.

METAL MARKETS

In 2015 the Global Commodity Markets suffered significant declines particularly in the metal and plastics Markets sector. WEEE Ireland reviews these trends on a monthly basis as they have a significant impact on the price of recycling for Members. Conservative estimates have been used for 2016 and beyond in relation to pricing as a recovery to higher commodity values is not foreseen in the short to medium term.



WEEE IRELAND FINANCE REPORT

A full report is circulated to all Members and a statement is published online on www.weeeireland.ie following the AGM

Highlights 2015:

- Clean audit report
- Maintenance of contingency reserve at 1 year direct operating cost
- Continued strategic management of the historic WEEE Reserves
- 3 year projections provided to Members for cost budgeting in October 2015
- €9.5 million Operating Income
- €6 million Collection & Recycling Costs
- €3.3 million Promotion, administration and overhead spend

“

WEEE Ireland contributions to the national WEEE System 2015 include;

”



€750,000

We'll Take it Back
Retailers Marketing Fund



€1.1 million

Retailer Collection Point
Take Back Programme



€900,000

Local Authority WEEE
Recycling Fund



€187,000

EPA WEEE Research
& Enforcement



APPENDIX





**WEEE Ireland Board
and Committee Meeting
Attendance Record
Year 2015**

Mr Kieran Whelan

Board Meetings: Entitled to Attend; **4.** Attended; **4**

Finance Committee: Entitled to Attend; **12.** Attended; **12**

Independent Directors: Entitled to Attend; **1.** Attended; **1**

Mr Michael O'Shea

Board Meetings: Entitled to Attend; **4.** Attended; **4**

Battery Committee: Entitled to Attend; **2.** Attended; **2**

Mr Paul Egan

Board Meetings: Entitled to Attend; **4.** Attended; **4**

Independent Directors: Entitled to Attend; **1.** Attended; **1**

Mr Patrick Lynch

Board Meetings: Entitled to Attend; **4.** Attended; **4**

Finance Committee: Entitled to Attend; **12.** Attended; **12**

Independent Directors: Entitled to Attend; **1.** Attended; **1**

Mr Des McCormack

Board Meetings: Entitled to Attend; **4.** Attended; **3**

Mr Cel O'Reilly

Board Meetings: Entitled to Attend; **4.** Attended; **1**

Finance Committee: Entitled to Attend; **12.** Attended; **10**

Ms Claire Penny

Board Meetings: Entitled to Attend; **4.** Attended; **3**

Mr Martin Byrne

Board Meetings: Entitled to Attend; **4.** Attended; **3**

Mr Joe Cunniam

Board Meetings: Entitled to Attend; **4.** Attended; **3**

Ms Jean Cox-Kearns

Board Meetings: Entitled to Attend; **1.** Attended; **1**

Mr Thomas Barillot

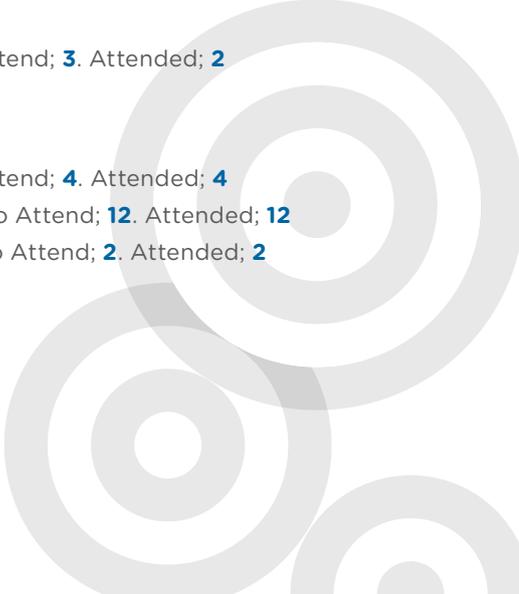
Board Meetings: Entitled to Attend; **3.** Attended; **2**

Mr Leo Donovan

Board Meetings: Entitled to Attend; **4.** Attended; **4**

Finance Committee: Entitled to Attend; **12.** Attended; **12**

Battery Committee: Entitled to Attend; **2.** Attended; **2**



IRELANDS NATIONAL HOUSEHOLD (B2C) WEEE COLLECTION RATE

B2C WEEE placed on the market (POM) tonnes

EEE Category	2012	2013	2014
1 - Fridge Freezers	9,354	10,028	10,236
1 - Large Household Appliances	25,129	24,105	26,076
2 - Small Household Appliances	9,680	13,499	11,136
3 - IT&T	4,087	4,134	4,419
3 - Monitors	168	98	210
4 - Consumer Equipment	4,427	4,247	4,247
4 - TVs	5,118	3,185	2,972
5 - Lamps	883	825	1,178
5 - Luminaires	2,438	2,138	2,217
6 - Tools	4,047	3,452	4,332
7 - Toys	1,291	2,611	1,717
8, 9, 10 - Medical, Monitoring & Dispensers	271	284	356
Total	66,893	68,606	69,096

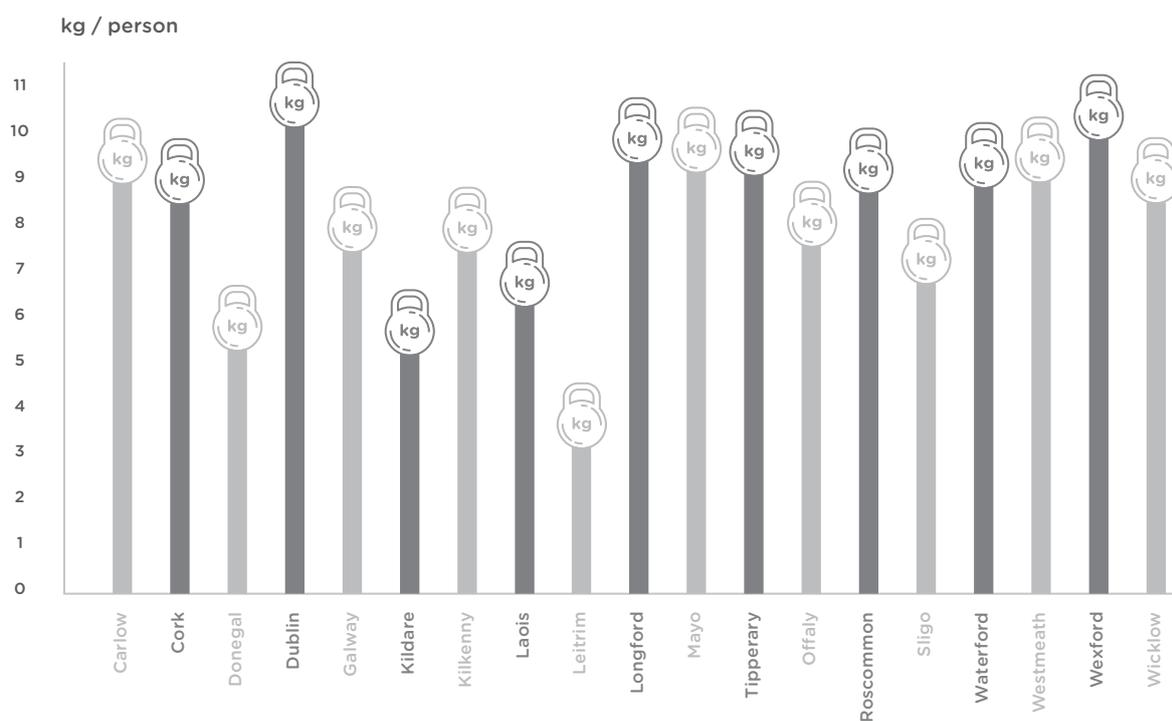
WEEE collected tonnes

EEE Category	2014	2015
1 - Fridge Freezers	5,807	6,243
1 - Large Household Appliances	13,671	18,659
2 - Small Household Appliances	3,807	2,849
3 - IT&T	2,424	2,630
3 - Monitors	1,076	1,012
4 - Consumer Equipment	3,040	2,149
4 - TVs	5,805	5,479
5 - Lamps	395	412
5 - Luminaires	650	807
6 - Tools	810	751
7 - Toys	36	43
8, 9, 10 - Medical, Monitoring & Dispensers	6	1
Total	37,527	41,035

WEEE collected tonnes

EEE Category	2014	2015
1 - Fridge Freezers	59%	63%
1 - Large Household Appliances	53%	74%
2 - Small Household Appliances	37%	25%
3 - IT&T	56%	62%
3 - Monitors	892%	638%
4 - Consumer Equipment	73%	50%
4 - TVs	125%	146%
5 - Lamps	44%	43%
5 - Luminaires	27%	36%
6 - Tools	21%	19%
7 - Toys	2%	2%
8, 9, 10 - Medical, Monitoring & Dispensers	3%	<1%
Total	55%	60%

WEEE COLLECTED BY COUNTY KG / PERSON 2015



MEMBERS 2015

All Water Systems Ltd	Atlantic Homecare Ltd
3M Ireland Ltd	Atlantic Surgical Ltd
4E-Fulfillment.Com Ltd	Audio City Ltd
A&O IT Systems & Services Ireland Ltd	Aurora Borealis Distribution Ltd
Hartmann & Son Ltd	Aurora Lighting Ltd
A.H. Anderson & Co Ltd	Auto Diesel Electric Ltd
A.M. Dunne & Son Ltd	Automated Technical Controls Ltd
AB Power Systems Ltd	Automatic Identification Systems Ltd
Abacus Systems & Networks Ltd	AVA Systems Ltd
Abbott Laboratories Irl Ltd	Avaya International Sales Ltd
ABC Abrasives Ltd	Avcom Audio Visual Communications Ltd
Accuscience Ireland Ltd	Avid Technology International BV
ACEC Distributors Ltd	Avocent International Ltd
Acoustic Technologies Ltd	Azette Ltd
Actavo (Ireland) Ltd	B J Fitzpatrick Ltd
Active Mind Technology Ltd	B S Lewis Ltd
Adattsi Ltd	B&G Limited
Ademco Ltd	B&Q Ireland Ltd
ADT Fire & Security Ltd	Braun Medical Ltd
AEF Limited	Banaghan & Co Ltd
Aereco Ltd	Bard Ltd
Agfa Graphics NV	Barker Photographic Ltd
Agfa Healthcare NV	Batteryman Distribution Ltd
Agilent Technologies Ireland Ltd	Bayer Ltd
Agrihealth Ltd	BD Enterprises Ltd
Ailesbury Commercial & Industrial Security Ltd	Beam Vacuum Systems Ltd
AirDryer Systems Ltd	Beaumex
Airlux Lighting Ltd	Beauty Savers International Limited
Alcon Laboratories Ireland Ltd	Bechtle Direct Ltd
Aldi Stores Ireland Ltd	Beckman Coulter Diagnostics Ltd
Aliphcom	Beechfield Healthcare Ltd
Allegro Ltd	Beechill Enterprises Ltd
Allied Foods Ltd	Beko PLC
Allied Imports Ltd	Bellew Electrical Wholesale Ltd
Alumina Lighting Ltd	Beltronics Computers Ltd
Amazon EU Sarl	Bennetstone Ltd
Amazon Fulfillment Services	Bering Time ApS
Ambassador Communications Ltd	BestEcig
Amica Wronki S.A.	Better Energy Management Ltd
Amway (UK) Ltd	Betterware Limited
Anker Technology (UK) Ltd	Bio-Sciences Ltd
Ann Summers Ireland (Retail) Ltd	Bluestone Sales & Distribution Ltd
Anthony Tully Components Ltd	BMC Digital Ltd
Apple Distribution International	BMW Automotive (Ireland) Ltd
Appleby Jewellers Ltd	BNR Ltd
Aquatec	BOC Gases Ireland Ltd
AR O'Hare & Co Ltd	Bodel Distributors Ltd
Arc Tec Welding Ltd	Bord Gais Energy Ltd
Arco Safety Ltd	Bose SMS Ltd
Ardilaun Electrical Services Ltd	BP Multipage Ltd
Argos Distributors Ireland Ltd	Brand Addition Ireland Ltd
Arista Networks Limited	Brandon Marketing Ltd
Arjo Huntleigh (Ireland) Ltd	Brett Supplies Ltd
Armalou Ltd	Brighter Image Ltd
Armstrong Electronics Ltd	Britelux Lighting Ltd
Arqiva Ltd	Brother International Corp (IRL) Ltd
Arrow Central Europe GmbH	Brown Thomas & Co Ltd
Arrow Emergency Lighting Ltd	BSH Home Appliances Ltd
Ash Technologies Ltd	BT Communications Ireland Ltd
Ashgrove Interparts Ltd	Bulova UK Ltd
ASOS.com Ltd	Burke Bros, Son & Co. Ltd
Associated Hardware Plc	Bushell Interiors Ltd

Business Electronic Equipment Ltd	D H Meters Ltd
Buy It Direct Ltd	D Ryan Enterprises Ltd
Byrnes Electrical Wholesale Ltd	D&P Multimedia Products Ltd
C&F Quadrant Ltd	Dabs.com PLC
Cagentt Ltd	Dactec Ltd
Campbell Bewley Group	Daikin Europe NV
Camsaw Distributors Ltd	Daly Industrial Supply Company Ltd
Canon (Irl) Business Equipment Ltd	Danfay Ltd
Canon Europa N.V.	Data Display Company Ltd
Capital Water Systems Ltd	Data Micrographics Ltd
Capralux	Datapac Ltd
CapsuleTech SAS	Davcon Rentals Ltd
Cardiogenics Ltd	David Curran Wholesale
Carnival Trading Company Ltd	David Lowe & Co Ltd
Carr Sewing Machines Ltd	DBS
Carrigcastle Ltd	Debenhams Retail PLC
Cassidy Electrical Supply Company Ltd	Decdeb Limited
Castit Ltd	Dell Products Ireland
Castle Electrical Factors Ltd	Dem Machines Ltd
Castle Mechanical Handling Co Ltd	Demesne Electrical Sales Ltd
Caulfield Industrial Ltd	Derrywood Agencies & Distributors Ltd
Celtic Surveys Ltd	Design Light Ireland Ltd
CH Marine Ltd	Diamand Teck Distribution Ltd
Charlie Shiels Ltd	Digicom Office Technology Ltd
CHD Ltd	Digital Media Direct
Cheetah Electronics Ltd	Dimpco
Chefaro Ireland Limited	Divad International Ltd
Chemical Direct	Diversey Hygiene Sales Limited
Chronotherm Controls Ltd	DKA Retail Ltd
Chubb Ireland Ltd	Dominic Fleming Electrical Accessories Ltd
CI EBike	Domus Projects Ltd
CIA (Confidential Investigations Athlone) Ltd	Donaghey Motorhomes Ltd
Cisco International Ltd (Ireland Branch)	Doro AB
Citrix Systems International GmbH	Drainbo Ireland Ltd
Citroen Motors Ireland Ltd	Draper Tools (Ireland) Ltd
Claire's Accessories (UK) Ltd	Dualtron Ltd
Clarence O'Flaherty & Co Ltd	Dublin City Cool Ltd
Clarity Computer (Distribution) Ltd	Dulux Paints Ireland Ltd
Classic Hardware Ltd	Dunnes Stores
Clifford Electrical Wholesalers Ltd	DWN Instrumentation Ltd
CMS Distribution Ltd	Dyson Ireland Ltd
Codec DSS Ltd	E. Fox (Engineers) Ltd
Codex Ltd	E.J. Bodkin & Co Ltd
Coffey Healthcare Ltd	EA Accessories Ltd
Cognex Ireland Ltd	EA Symmons Ltd
Combilift Ltd	Earthly Emporium
Comlights International Ltd	Earthridge International Ltd
Component Distributors (CD Ireland) Ltd	Eason & Son Ltd
Comvoc Technologies	EasyTrip Services Ireland Ltd
Conns Cameras (Grafton Arcade) Ltd	ECI Lighting Ltd
Cook Ireland Ltd	Ecirette Solutions Ltd
Cooney Electronics Ltd	Edenrace Ltd
Cooper Lighting & Safety Ltd	Edwards Lifesciences Ltd
Corajio Ltd	eDynamics Ltd
Core Electrical Ltd	EEW Ltd
Corkery Dowd Ltd	Effective Distribution Ltd
Corry's Ironmongery Limited	Egan Electrical Equipment
Costard Investments Ltd	Eiko Ireland Ltd
Covidien Ireland Commercial Ltd	Einhell UK Ltd
CPG Media Ltd	Eircom Ltd
CRQ Ltd	Electric Power Tool Co. Ltd
Cucina Ltd	Electrobuy Ltd

Electroplus Cable & Satellite Ltd	Fujifilm UK Ltd
Elemex Ltd	Fujitsu Ireland Ltd
Elite Healthcare Ltd	Fusion Technologies Ltd
EmCon Systems Ltd	Futura Electronics Ltd
Emerald Healthcare Ltd	G Dalton & Co. Ltd
Emergency Response Ltd	G2 Speech Ltd
Emerson Network Power Ltd	Gallagher Power Fence Systems (Irl) Ltd
Emerson Process Management	Gamucci Ireland Ltd
Encyclomedia	Garo Electric Ireland Ltd
Energy Monitoring Ireland Ltd	Garrabridge Ltd
Energy Sense Ireland Ltd	Gas Networks Ireland
Environmental Monitoring Services Ireland Ltd	Gaynor Pearse Motor Factors
Envirosci Ltd	GE Energy (Ireland) Ltd
EPH Controls Ltd	GE Healthcare Ireland
E-pire Ltd	GE Hungary Kft
EPT-Irl-Ltd	GE Medical Systems Ireland Ltd
Equipment Company of Ireland	GE Sensing EMEA
Ethos Technology Ltd	Gear4Music Ltd
Euro Sales Ltd	Genband Ireland Ltd
Eurogeneral Retail Ltd	General Electric International Inc
Eurogrove Trading Ltd	General Motors Ireland Ltd
Eurolec Instrumentation Ltd	Genfitt (Mayo) Ltd
Europa Battery Distributors Ltd	Gerry Matthews Engineering Ltd
Europower DC Ltd	Gersan Services Ltd
Eurotek Ireland Ltd	GHO Distribution Ltd
EW Technologies Ltd	Giles Masterson & Anthony Cummins
EWeb Ltd	GKRT Ltd
EWL Limited	Glamox Ireland Ltd
Excel Electric Group Ltd	Glen Dimplex Ireland
Excel Plumbing Products Ltd	Glenkrag Ltd
Exertis Ireland	Globalstar Europe Satellite Services Ltd
Exertis Supply Chain Solutions	GoBeyond Ltd
Expert Ireland Retail Sales Plc	Goldcrop Ltd
Exsparetise Ltd	Golfbuddy Europe Ltd
Extreme Computers Ltd	Google Commerce Ltd
Extreme Networks Ireland Ltd	Gowan Distributors Ltd
Fade Agencies Ltd	Graseby Medical Ireland Ltd
Fagerhult Lighting Ltd	Green Coffey Technology Ltd
Fannin Ltd	Greenvalu Ltd
Farnell Components UK Ltd	Groupe SEB UK Ltd
Fergusons Hearing Aid Clinic Ltd	H.E.R. Photo Supplies Ltd
FG Wilson Engineering (Dublin) Ltd	Hafele Ireland Ltd
Fiat Chrysler Automobiles Ireland Ltd	Hager Ltd
Fields Retail Ltd	Hahnel Industries Ltd
Finglas Autoparts Ltd	Hamco Enterprises Ltd
Fire Technology Ireland Ltd	Hamleys of London
Fisher & Paykel Appliances Ltd	Harold Engineering Ltd
Flaherty Markets Ltd	Harvey Nichols Dublin Ltd
Flair Salon Services Ltd	Harvey Norman Trading (Ireland) Ltd
Flaktwoods (Ireland) Ltd	HC Slingsby PLC
Fleming Medical Ltd	Heatons
Flux Electrical Services Ltd	Hella Ireland Ltd
FMG Electronics (Distributors) Ltd	Henley Forklift Group Ltd
Fonemenders Ltd	Henry Ford & Son Ltd
Fónua Ltd	Henry Schein Ireland Ltd
Food Solutions Ltd	Herron & Son Ltd
Forcefield Active Technology Ltd	Hi Fidelity Marketing
Forklift Services & Handling Equipment Ltd	Highcove
Fossil UK Ltd	Highway Wholesalers Ltd
Frank Flanagan Fittings Ltd	Hijack Tools Ltd
Freesat	Hillcrest Agencies Ltd
Fresenius Medical Care (Ireland) Ltd	Hill-Rom Ltd

Hilti (Fastening Systems) Ltd	Kapp and Peterson Ltd
Hitachi Europe Ltd	Karcher Limited
Hi-Volt Ireland Ltd	KCI Medical Ltd
Home Appliances	Keane's Wholesale Ltd
Homebase House and Garden Centre Ltd	Keaney Medical Ltd
Homebots.ie	Kelbert Instrumentation Ltd
Homecare Medical Supplies	Kenwood Ltd.
Honeywell Control Systems Ltd	Kertoy Ltd
Hoover Ltd	Kestra Electroweld Ltd
Huawei Technologies (Ireland) Co. Ltd	Kestrel Communications Ltd
Hubris Ltd	Keswick Engineers Ltd
Hugh Jordan & Co Ltd	Kevin Broderick Ltd
Hyundai Cars Ireland	KeyMed Ireland Ltd
I.M. Automotive Ltd	Kia Motors UK Ltd
IBB International Bullion & Metal Brokers Ltd	Kilkenny Welding Supplies Ltd
IBM Ireland Ltd	Kingspan Environmental (Ireland) Ltd
IC Realtime Ltd	Kitchen Accessories Ltd
IKEA Ireland Ltd	KLA Tencor Ireland Ltd
Ille Paper Service (IRL) Ltd	Kleeneze Ltd
In Hand Guides Ltd	Kodaplay Ltd
Indur (Wholesale) Ltd	Komplett BV
Ingersoll Rand International Ltd	Kritman Ltd
Instrument Technology Ltd	Kyron Energy & Power Ltd
Integral Lighting Ltd	Laboratory Instruments & Supplies
Interactive (Ireland) Ltd	Laboratory Supplies Ltd
International Trade Craft Laboratories Ltd	Labquip (Ireland) Ltd
IO Resource Ltd	Lakeland Ltd
Irish Aviation Authority	Lamp Source
Irish Broadband Services Ltd	Lamps & Lighting Ltd
Irish Business Systems Ltd	Laztech IT Services Ltd
Irish Commercials (Sales) Ltd	Leading Edge Marketing & Promotions Ltd
Irish Farm & Garden Machinery Ltd	Lenovo Ireland Ltd
Irish International Trading Corporation (Cork) Plc	Levelling Equipment Services Ltd
Irish Response Ltd	Leydens Ltd
Irish Soft Drinks Ltd	LG Electronics (UK) Ltd
Ixia Technologies International Ltd	Lidacel Ltd
J H Donnelly Ltd	Liffey Distributors Ltd
J.S. Dobbs & Co Ltd	Lighthouse Trading Company Ltd
James A Barry & Co Ltd	Lighting & Electrical Distribution
Java Instruments Technologies Ltd	Linde Material Handling (Ireland) Ltd
JBG Office Pro Ltd	Linsar Ireland Ltd
JDM Products Ltd	Lighthouse Accessories Ltd
Jeffers Music Company Ltd	LM Ericsson Ltd
Jelan Trading	LR Active Ltd
Jim Hanley (Farm Machinery) Ltd	Lumitech Ltd
JJ McQuillan Son & Co Ltd	Lyncare Ltd
JJ's Appliances Sales & Repairs Centre Ltd	Lyric Ireland Ltd
Joe King Batteries	M Donnelly & Co Ltd
John Deere Forestry Ltd	M J Flood (Irl) Ltd
John McKenna Lawnmower Spares Ltd	M. Kelliher 1998 Ltd
John Mills Ltd	Magimix UK Ltd
John Murphy Castlerea Ltd	Magnet Networks Ltd
John Raftery Wholesale	Mamas & Papas Retail Ltd
John Stafford & Sons Dublin Ltd	Manepa Ltd
Johnson & Johnson Ireland Ltd	Manotherm Ltd
Joseph Murphy (Ballina) Ltd	Maplin Electronics Ltd
Jovi International Distribution Ltd	Maquet Ireland Ltd
Joyces Supermarket	Marco Beverage Systems Ltd
JP Distributors Ltd	Marketing Incentives Ltd
JTI Ireland Ltd	Marks and Spencer (Ireland) Ltd
Jungheinrich Lift Truck Ltd	Martin-Brower Ireland Ltd
JVC Kenwood UK Ltd	Mason Technology Ltd

Maurice Doody Sales Ltd	Musgrave Group PLC
Mazda Motor Logistics Europe NV Ltd	Musgrave Retail Partners Ireland Ltd
McCarthy Commercials Ltd	Musicmaker Ltd
McDowell & Co Ltd	Musicman
McGrath Electronics Components Ltd	Musicstore Professional GmbH
McHale Plant Sales Ltd	Must Have Gadgets Ltd
McHugh Components	MVI Hazel Ltd
MCK Electrical Ltd	MWD Electronics
Mckechnie Cleaning Services Ltd	N.E.L. (Services) Ltd
McLoughlins & Sons Hardware Ltd	NAA Appliances Ltd
McQuillan Wholesale Ltd	National Association for the Deaf
Medicare Health & Living Ltd	National Electrical Wholesalers Irl Ltd
Meditec Medical Ltd	National Hardware Ltd
Medivent Ltd	National Instruments
Medray Imaging Systems	National Pen Promotional Products Ltd
Medtronic Ireland Ltd	Naturalife Health Ltd
Memory Bank Ltd	NCR Ltd
Merck Millipore Ltd	Nespresso UK Ltd
Meyer SDA Ireland Ltd	Nest Labs (Europe) Ltd
Mezwell Ltd	Network Fitness Supplies
MGI Luxury Group SA	New Era Lighting Ltd
Michael Garry Limited	New Look Retailers Ltd
Michael Guiney Limited	Newstyle Hairsalons
Michael Madden International	Next Retail Ltd
Michel Herbelin UK Ltd	NHCS Ltd
Mickey Joe's Country Store	Niall Stephenson Ltd
Micro Aid	Nike Retail BV
MicroWarehouse Ltd	Nike UK - Irish Branch
Midia Ltd	Nikon UK Limited
Midland Lighting	Nilfisk Ltd
Miele Ireland Limited	Nisbets Plc
Minelab International Ltd	Nissan Ireland
Misco UK Ltd	Noel F. Kenny (Electrical) Ltd
Mitsubishi Electric Europe BV	Norso Medical Ltd
MK Illumination Ireland Ltd	Northwood Technology Ltd
MMC Commercials	Noviled High Technology Lighting Ltd
MMD Distribution Ltd	O'Connell Brothers (Cork) Ltd
Mocad Ltd	O'Donovan Engineering Co Ltd
Modern Plant Limited	O'Flynn Medical Ltd
Moduslink BV	Ogalas Ltd
Moffett Engineering Ltd	O'Keefes of Kilkenny Ltd
Monaghan Electrical Wholesale Ltd	OKI Systems (Ireland) Ltd
Monbatt Ltd	Oktalite Lichttechnik GmbH
Monster Cable International Ltd	O'Meara Camping Ireland Ltd
Monster Technology International Ltd	O'Neills Electrical Ltd
Montara Ltd	Online Retail Solutions Ltd
Moonlit LED Lighting Ltd	Onwave Ltd
Mothercare Ireland Ltd	OpenBet Retail Ltd
Mothercare World Ltd	Optical Sciences (Irl) Ltd
Motocaddy Ltd	Option Wireless Ltd
Motor Distributors Ltd	Optos Plc
Mountband Trading Ltd	Oracle EMEA Ltd
Moyne Roberts Ltd	Orega Systems Ltd
MP Doyle Group	Origo Distribution Ltd
MP&E Trading Company Ltd	Osram Ltd
MT Agencies Ireland Ltd	Otter Products EMEA
Mullinahone Co-op	Outdoor Garden Products Ltd
Mullingar Electrical Wholesale Ltd	Oxfam Ireland
Multichannel Solutions For Entertainment Ireland Ltd	Oxygen-Care Ltd
Munster Forktruck Ltd	Panasonic Marketing Europe GmbH
Murrays Medical Equipment Ltd	Panelling Centre Ltd
Musco Lighting Ireland Ltd	Park Retail Ltd

Passax Business Systems & Supplies Ltd	Rehan Electronics Ltd
Pat O'Flynn Scales Ltd	Reliable Security Products Ltd
Patina Lighting Ltd	Renault Ireland Ltd
Paul Sheeran Jewellers (Johnson's Court Ltd)	Rennicks Sign Manufacturing
PBL Electrical Distributors Ltd	Rentokil Initial Ltd
PC Pro Computers Ltd	Rettig Ireland Ltd
PC Systems Ltd	Rhino Industrial Ltd
PCMCS Tech Ltd	Rhonda Ltd
PearseTEC Ltd	Ricoh Ireland Ltd
Peats Wholesale Ltd	Ridgemoor Company Ltd
Penta Networks Ltd	Rillton Ltd
Personal Computer Science (IRL) Ltd	Ritaville Ltd
Peter Curran Electric Ltd	Robert E. Nolan Ltd
Petrogas Group Ltd	Robert Roberts Ltd
PFH Technology Group	Robosys Ltd
Phadia Ltd (Irish Branch)	Roc Ronoco
Phibsboro Electrical Wholesalers Ltd	Roche Diagnostics Ltd
Philips Lighting Ireland Ltd	Rockford Healthcare Ltd
Phoenix Contact (Ireland) Ltd	Ronseal Ireland Ltd
PhoneWatch Ltd	Ros Dumhach Cógaisíochta Teoranta
Photo Import Ltd	Rostul Ltd
Pianos Plus	Rota Industries Ltd
Pioneer & Onkyo Europe GmbH	RQ Audio Visual Ltd
Pioneer DJ Europe Ltd	RST Power Distribution Ltd
Pioneer Europe NV	RTD Technology Ltd
Pitney Bowes (Irl) Ltd	RVR Energy Technology Ltd
Platinum Batteries (Europe) Ltd	S&P Ireland Ventilation Systems Ltd
PNS Ltd	Sage Pay Ireland
Polycom (Netherlands) B.V.	Sally Salon Service (Irl) Ltd
Polydome Ltd	Sam McCauley Chemists (Redmond Square) Ltd
Potterton Myson Ireland Ltd	Samsung Electronics UK Ltd
Power City Ltd	Save You Services Ltd
Powerpoint Engineering Ltd	SC Data Systems Ltd
PR Reilly Ltd	Scan Coin Ireland Ltd
Premco Distributors Ltd	Schneider Electric Ireland
Premier Farnell UK Ltd	Schneider Electric IT Logistics Europe Ltd
Preslite Distribution Ltd	Sean Fagan Wholesale Ltd
Primacy Healthcare 21	Sean Fitzpatrick Wholesale Ltd
Primark	Secure Power Systems Ltd
Priory Cycle & Motorcycle Co	Sengled GmbH
Prism Lighting Ltd	Serfac Ltd
Professional Audio Ltd	Setanta Vehicle Importers
Profile Emergency Lighting Ltd	Sex Siopa
Progress Electroplating & Manufacturing Co. Ltd	Shomar Ltd
Prospect Network Services Ltd	Shop Direct Ireland Ltd
Puma UK	Siemens Healthcare Medical Solutions Ltd
QFF Distribution Ltd.	Siemens Ltd
Quaestor Analytic Ltd	Sight & Sound Distributors Ltd
Qualvecom	Sigma Wireless Communications Ltd
Quicktec Computers Ltd	Sigma-Aldrich Ireland Ltd
Quinn Electrical Services Ltd	Signet Trading Ltd
QVC	Sigtec Ltd
Radio & Security Products Ltd	Silver Ocean BV
Radio Fence Ltd	Silverstone Media Solutions Ltd
Radiology Systems Ltd	Singer Centre Galway
Radiometer Ireland Ltd	Singer Sewing Centre
Radionics Ltd	Sisk Healthcare Ltd
Radius Communications Ireland Ltd	Skullcandy International GmbH
Railslide Ltd	Sky In-Home Services Ltd
Reagecon Diagnostics Ltd	Smart Electrics
Reckitt Benckiser Ireland Ltd	Smoke Green Ltd
Reg Farrell Engineering Ltd	Smyths Toys

Solas Geal Distribution Ltd	The Swatch Group (UK) Limited
Solatrex International Ltd	The Vapormatic Co (Irl) Ltd
Somora Motor Parts Ltd	Thistleway Limited
Sordan	Thomann GmbH
Sound Production Ltd	Thorn Lighting Ltd
South West Wholesale Ltd.	Three Ireland (Hutchison) Ltd
Spaldings Ltd	Tiger Retail Ireland
Spectrum Distribution Ltd	Tim Molloy Ltd
Spicers Ireland Ltd	Timemark Ltd
Spraychem Ltd	TMC Technology Ltd
Sprayquip Ltd	TNS Distribution Ltd
Springhill Woodcrafts Ltd	Tokyo Electron Europe Ltd
Square One Distribution Ltd	Toolbank
SRL International Concepts Ltd	Tooling and Engineering Distributors Ltd
Stafford Lynch Ltd	Toomey Audio Visual Ltd
Stanley Black & Decker Ireland	Topcon Europe BV
Stanley Security Ltd	TOS (Ireland) Ltd
Staples Advantage (Irl) Ltd	Toshiba Global Commerce Solutions (UK) Ltd
STC Socket Tool Company Ltd	Toshiba TEC Europe Retail Information Systems S.A.
Steljes Ireland Ltd	Total Materials Handling Ltd
Stillorgan Decor Centre	Total Power Solutions
Stonehall Distribution Ltd	Toyland Cash & Carry Ltd
Stox Designstyle Ltd	Toymaster Ltd
Strongline Autoparts Ltd	Toyota Ireland
Sundrelle Ltd	Trend Micro (EMEA) Ltd
Sunnyheat Ireland Ltd	Triace Ltd
Superdrug Stores Plc	Trulife Ltd
Superquinn Ltd	TTS Tooltechnic Systems (Irl) Ltd
Sureweld International Ltd	Tucks O'Brien Ltd
Survey Instrument Services Ltd	Two Trees Engineering Ltd
Suzuki Cars Ireland Ltd	Tyco Distribution
Sweetspot Sourcing Ltd	Tyco Wholesale Distribution Ltd
Switch Distribution Ltd	Tyrell Content Creation Tools Ireland Ltd
Synergistics Ltd	Umlagh Country Trading Ltd
System Video Ltd	Unipharm PLC
T&T Equipment Ltd	Unisys Computer Services (Ireland) Ltd
T.P. Whelehan Son & Co. Ltd	Universal Catalogue Club
Tchibo GmbH	Universal Honda Ltd
TCW Distribution Ltd	Up The Yard Ltd
TDL Distributors Ltd	Upgrade Options Ltd
TDS Disney Ireland Ltd	Uppercross Enterprises Ltd
Technetix Ltd	Urbis Schreder Ltd
Technical Consumer Products Ltd	UTC Fire & Security Ireland Ltd
Technico Ltd	UTS Technologies Ltd
Tech-Source Ltd	ValueComs
Tecoled Ltd	Vax Ltd
TEF Tullamore Ltd	Veelite Technologies Ltd
Tekelek Europe Ltd	VELUX Company Ltd
Tel-Vi-Sat Rory Mcloughney Ltd	Vendek Limited
Tempcheck	Verde LED Ltd
Templecrone Cooperative Society Ltd	Vestas Ireland Ltd
Teradata Ireland Ltd	Victoria Crystal Ltd
Tesco Ireland Ltd	VIP Electronic Cigarette Ireland Ltd
Tesco Mobile Ireland Ltd	Vita-Mix Europe Ltd
Thane Direct Uk Ltd	Volkswagen Group Ireland Ltd
The Carphone Warehouse Ltd	Volvo Car Ireland Ltd
The Delph Centre	Vorwerk UK Ltd
The EI Company	VP Equipment Rentals (Irl) Ltd
The Forklift Centre Ltd	Vygon Ireland Ltd
The Newbridge Cutlery Company	Wacker Neuson Ltd
The Phone Accessories Company Ltd	Walker Technology Products Ltd
The Sound Shop	

Walter Bourke & Son Ltd
Waltons Music Limited
Washglade
Waterford Stanley Ltd
Waveguide Lighting Technologies Ltd
Weighing Machine Services Ltd
Weir & Sons
Wembar Company Ltd
Wesco Electrical Ltd
Westbourne IT Solutions Ltd
Westward Garage Ltd
Whirlpool Ireland Ltd
Whitelight LED Ltd
Whitgale Ltd
Wildcat Business Computing Ltd
Willie Duggan Lighting Ltd
Wink Lighting Ltd
WM Reynolds & Sons Ltd
Woodies DIY & Garden Centres
Workshop Direct Ltd
WP Diagnostics
Wurth Ireland Ltd
X music Ireland Limited
ZAGG International Distribution
Zara Watch Retail Ltd
Zintek Systems Ltd



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