



“ Ireland is moving away from the traditional linear ‘take-make-use-dispose’ model towards a ‘circular economy’ regenerative growth model where resources are reused or recycled as much as possible and the generation of waste is minimised. The transition to a circular economy is essential to reduce pressure on natural resources, aid in achieving climate targets, support Sustainable Development Goals and create sustainable growth and jobs... The transition to a circular economy requires a collaborative national response across all sectors of the economy through the lifecycle of products and materials. ”

*National Waste
Management Plan
For a Circular Economy,
2024-2030,
Local Government Ireland*

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CEO's Report

“Tackling the E-Waste challenge is one of the best opportunities we have to deliver on material circularity; finite resources but with infinite possibilities”



Dear Ministers,
Members & Stakeholders,

Follow our Lead

I am very pleased to present this annual report, our 19th, highlighting once again, across the range of programmes, projects and results we have delivered under our Scheme Approval remit.

In October 2023 we invited conference attendees to Follow Our Lead as we navigated the forthcoming developments in the WEEE, Battery and Circular Economy Extended Producer Responsibility (EPR) arena. Delegates from across our Membership and the WEEE and Battery Value Chain heard from the WEEE Ireland Team, Minister Ossian Smyth and expert speakers on the challenges and opportunities for the sector that will deliver real change.

The name WEEE Ireland is synonymous with national solutions put in place to meet the growing e-waste and waste batteries environmental challenges.

We have amplified the call-to-action message with a range of campaigns and promotions to encourage takeback and raise awareness around the e-waste challenge. This is an important requirement of our Scheme Approval. This year we topped all previous awareness campaigns with the number of people who saw our recycling message. In addition to this our Communications team have been instrumental in the development of a new national awareness campaign along with the Government platform “My Waste.ie” aimed at increasing takeback of small WEEE nationwide.

National Scheme, International Expertise

In 2023 we continued to expand our reach and engagement with our European colleagues in the WEEE Forum and EUCOBAT. I am also a voluntary Director of WEEE Europe, a Pan-European Compliance solution that extends WEEE and other EPR expertise, to provide cross border global solutions to multinational companies through its network of international partners comprising of national compliance schemes for WEEE and Batteries.

Our R&D efforts in 2023 continued at home and beyond with projects that include consortium membership of the European ECOSWEEE campaign, supporting Commission's recommendations released in 2023 to encourage more takeback of small electricals and batteries. We are leading on two pilots within ECOSWEEE of these projects, documenting the social incentive for people to recycle batteries when associated with a charitable cause and examining the potential of visible fee communications in retail stores in partnership with DID and Expert Electrical stores.

New Developments

We have documented our involvement in recent years on the lead up to a new EU Battery Regulation, finally published in 2023. Our work continues on the implementation and alignment of our existing system to this new lifecycle-based Regulation; which contains new ambitious collection targets, higher recycling efficiency rates and a broader scope to include LMT (Light Means of Transport) and EV (Electric Vehicles) batteries.

WEEE Ireland continues to be actively involved in the consultation at EU level on the evaluation of the WEEE Directive where issues such as calculation of targets, mandatory standards and eco-modulation/visible fees are at the forefront of discussions by EPR Schemes. The recent publication of the Critical Raw Materials (CRM) Act which requires recovery of 25% of the EU's CRM requirements from recycling, supports our quality standard approach to e-waste and waste battery management.

Closer to home we welcome the publication of the new National Waste Plan following detailed consultation which the Scheme engaged significantly on in the last 2 years. The plan aims to decouple Irish waste generation from economic and population growth and has set initial reuse targets for the country at 10kg per person per year. This will include a first rollout of ten Civic Amenity reuse centres around the country. We support this drive toward circularity and a move further up the waste hierarchy but request controlled access to material from registered reuse operators is put in place to help deliver a successful outcome.

2024 Outlook and Strategy

Following finalisation of the Scheme approval, I will work with our Board of Directors and Senior Management Team to realign our objectives to this new framework. Our core values remain consistent; delivering a best-in-class Compliance Scheme, with cost effective and quality solutions for our Members and Stakeholders, supported by clear and transparent communications and a future focused sustainable vision.

Our strategy will build on our 2020 Circular Vision and will support growth and development of the excellent infrastructure we have supported in Ireland through

our partnerships with operators Irish Lamps Recycling in Athy and KMK Metals Recycling Ltd in Tullamore and Kilbeggan. I can declare with confidence we continue to treat all WEEE material in our designated collection areas to the EN 50625 standard, which ensures that we use Best Available Technology that all hazardous material is separated and treated correctly, and we maximise the quality and value of the recovered resources throughout.

This is not easily achieved, and requires long term commitments and continued investment in new technologies and processes but the return on investment for Ireland in terms of material capture, target achievement, risk management and line of sight of processes as well as local employment, it's well worth it.

Like all businesses, we face new challenges each year. The preparation of providing WEEE compliance for the renewable energy sector is one example. WEEE Ireland have proposed to the Government, the setting up of a national scheme owned and run by the renewable energy sector which faces a different model to household WEEE due to the longevity nature of the products. Electric Vehicle batteries are another long-life product stream which needs to be managed differently from an EPR perspective and we are in discussions with the Department, the automotive industry and End-of-life Vehicles Scheme (ELVES) to work on a national sustainable solution for Ireland.

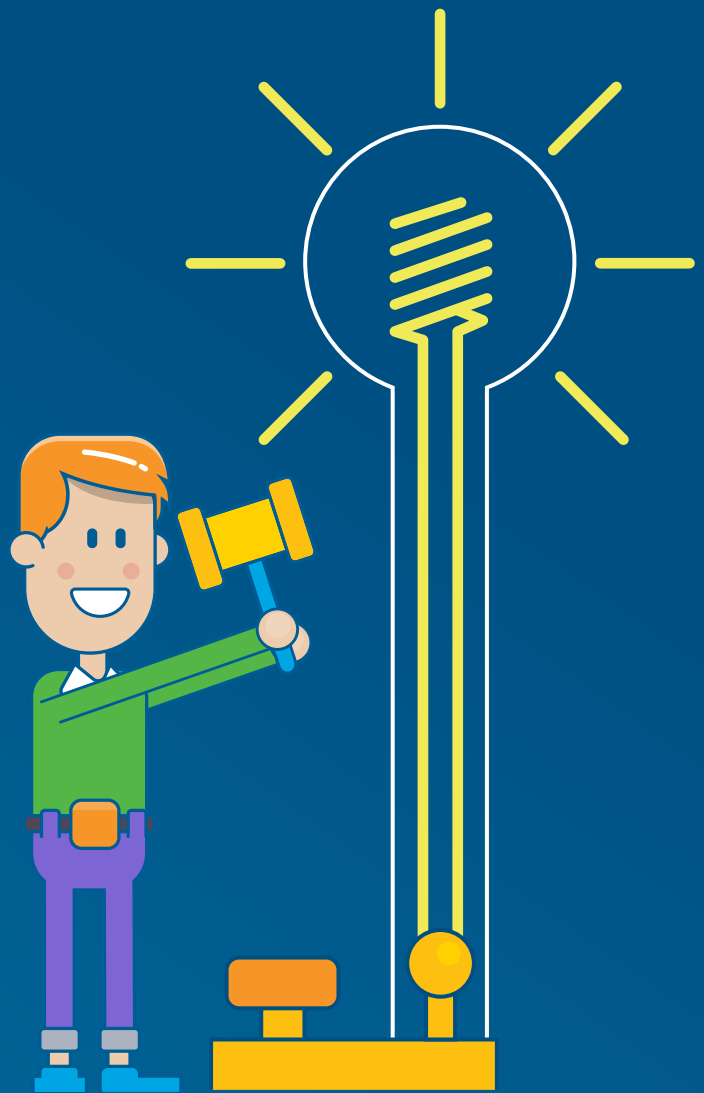
Lighting has also seen a dramatic change with the final banning of fluorescent lamps last year. We expect to see a dramatic fall-off in the number of waste lamps being returned over the next few years. On behalf of our lighting sector Members, we have made a two year commitment to our recycling partner to ensure that we can still provide collection and treatment services here in Ireland during this winddown phase. We continue to provide a national solution to the lighting sector for their EPR obligations and quality management of waste LED lamps and luminaires.

We continue to advocate for visible fee options for certain categories and subcategories to support transparency in compliance fee and necessary cost setting and to drive more awareness amongst purchases, particularly important given the continuing growth in consumption rates of electrical and battery products.

With Thanks

All of the above work would not have happened without the excellent Senior Management and Executive Team we have in WEEE Ireland. Some of my colleagues have worked alongside me since the start and I am very grateful for their loyalty and support to the WEEE Ireland organisation. I would also like to give special mention to my outgoing Chairman, Mr Herbert Sharkey from BSH for the support he has given during his tenure in shaping our Scheme as a market leader in Ireland and indeed Europe.

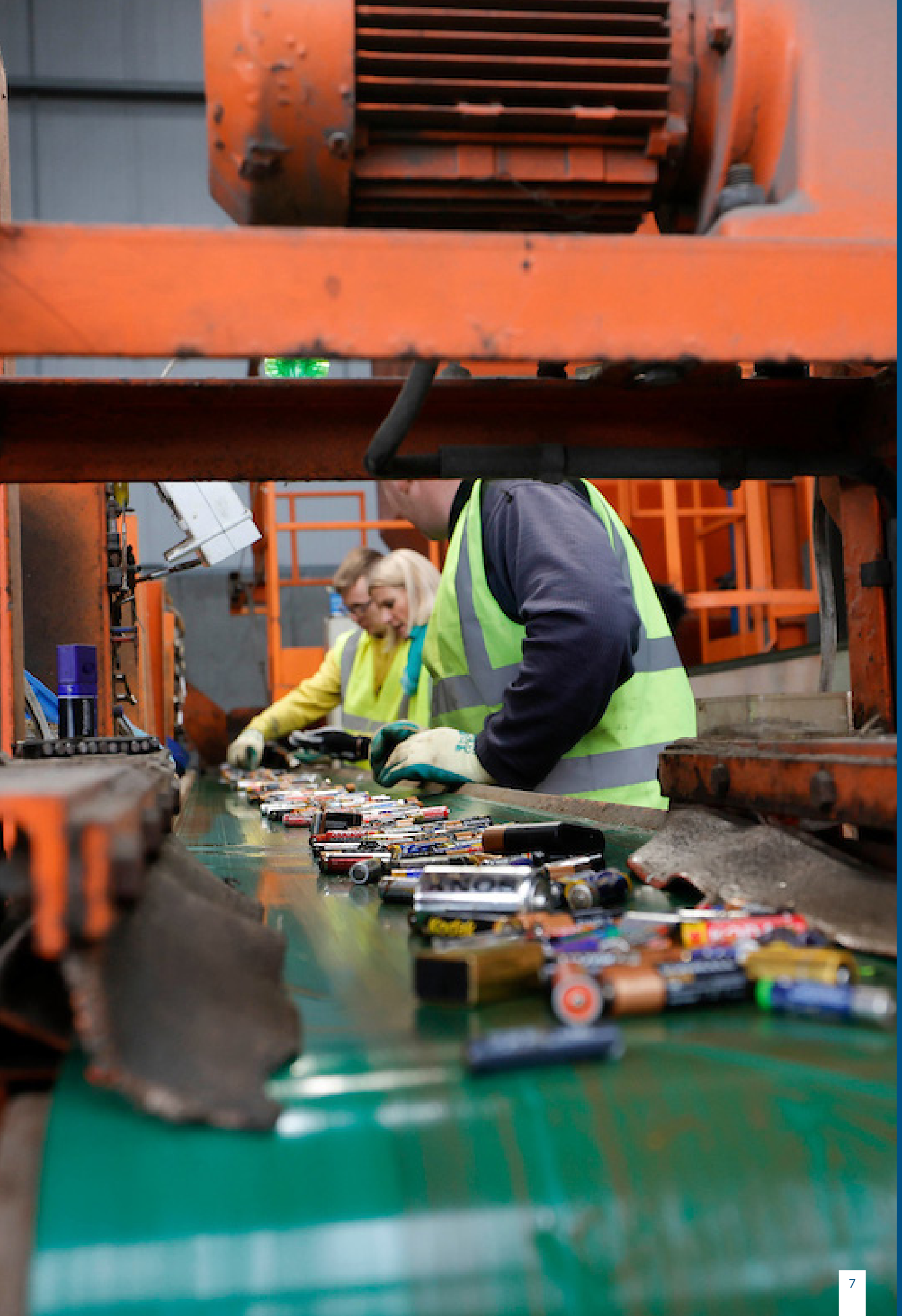
Finally I extend my appreciation to Minister Ossian Smyth, our national and International colleagues from CIRCULÉIRE, Repic, Eucobat and Applia for their tremendous sharing of knowledge and expertise at our annual conference. While we hope others will Follow Our Lead, we remain focused on remaining the best-in-class Scheme, with a leading role in the Circular Economy transition of the Irish electrical and battery sector on behalf of our valued Members in 2024 and beyond.



Leo Donovan,
CEO WEEE Ireland

Is mise le meas

Leo Donovan
Chief Executive Officer
WEEE Ireland



Letter from the Chair

Dear Members
& Stakeholders,

As the Chairperson of the Board of Directors of WEEE Ireland in 2023, it is with great satisfaction that I present this foreword to the Annual Environmental Report. The Board of Directors is profoundly aware of the requirement for robust and impartial corporate governance within our not-for-profit extended producer responsibility organisation. Our mandate is to address the requirements of our Ministerial Approval while meeting the circularity challenges presented by an ever-growing Waste Electrical and Electronic Equipment (WEEE) and Battery sector. The responsibility and trust placed on us by our Members and Authorities is considerable, and we firmly comply with the DECC Code of Corporate Governance as a testament to our dedication in this regard.

In the preceding year, we witnessed an ongoing review of Extended Producer Responsibility (EPR) Schemes, in anticipation of a forthcoming national approval phase. This occurred against a backdrop of progressive regulations from Europe concerning material resource efficiency, battery sustainability, and an on-going evaluation of the WEEE Directive's efficacy. Concurrently, there has been the introduction of new mandates for corporate sustainability reporting, alongside heightened expectations in environmental, social, and governance requirements. Throughout 2023, the Board of Directors diligently reviewed and evaluated the Scheme's context, objectives, and strategy, to ensure alignment with the requirements and in anticipation of forthcoming statutes and approval criteria, adopting a risk-based approach to our assessments.

Post-2023, my conviction in our organisation's capability to meet challenges and seize the opportunities presented by a Circular Economy - representing the majority of the Irish electrical and battery industry - remains steadfast. The revalidation of our ISO 9001 and 14001 certifications is just one example of the excellent key performance indicators achieved this year. The criteria for new EPR



Herbert Sharkey,
Chairperson WEEE Ireland

Scheme Approvals reflect the robust governance, environmental, and financial frameworks WEEE Ireland established in 2005, and which we have consistently upheld each year. In the past 12 months we were pleased to host numerous officials from the Department at our partner facilities at KMK Metals Recycling in Tullamore and Kilbeggan, showcasing the accomplishments these frameworks, alongside fully certified EN 50625 facilities, can realise for Ireland in terms of material recycling, recovery, and the advancement of circularity.

On behalf of the Board of Directors, I extend our gratitude to the CEO and the team at WEEE Ireland for their unwavering dedication to administering the premier WEEE and Battery Scheme in Ireland. My tenure of three years as Chair, representing the white goods sector, has afforded me invaluable insights into the sustainability pathways for our industry. I express my appreciation to the Directors (Dermot Deely and Niamh Laing) who have concluded their service on the Board in 2023, and warmly welcome the new Board Member Rod McCarthy from Exertis to the table. In conclusion, I cede the Chair to the independent director, previous head of KAL in Ireland, and former Chair of the WGA, Richard Broderick, and welcome the depth of insight and experience his tenure will contribute.

With Kind Regards

Herbert Sharkey
BSH Home Appliances Ltd
Chair WEEE Ireland Board of Directors



Corporate Governance

Corporate Governance

2023 Board of Directors



Mr Herbert Sharkey
Director / Chairperson
January 2018
BSH Home Appliances Ltd
LHA, SHA
Finance, Remuneration.



Mr Richard Broderick
Director / Vice Chairperson
June 2017
Independent (WGA)
LHA
Procurement, Finance,
Remuneration



Mr Leo Donovan
Director / CEO
2005
WEEE Ireland
Finance, Procurement



Mr Johnny Dunne
Director
June 2017
Glen Dimplex
LHA, SHA, SME
Remuneration



Mr Brian Flood
Director
June 2017
Origo Ltd.
SHA, Tools, Batteries, SME
Procurement



Mr Fergus Johnston
Director
June 2017
Whirlpool Ireland Appliances
LHA
Finance



Ms Brenda McEvoy
Director
October 2020
Apple Distribution International
IT&T, Batteries
Batteries, Remuneration



Mr David Tyrrell
Director
March 2017
Independent
Independent
Finance, Procurement



Mr Rod McCarthy
Director
June 2023
Exertis Ireland
Screens, SHA & IT



Mr Dermot Deely
Director
April 2020
Signify Ireland
Lighting



Ms Niamh Laing
Director
June 2016
Panasonic Marketing Europe
LHA, CE, Batteries
Remuneration



Gearoid O'Grady
Company Secretary

Role:
Appointed:
Company:
Representing Category:
2023 Committee:

Role:
Appointed:
Company:
Representing Category:
2023 Committee:

Role:
Appointed:
Company:
Representing Category:
2023 Committee:

Role:
Appointed:
Company:
Representing Category:
2023 Committee:



Meeting Attendance

DIRECTOR NAME	ROLE	TYPE	PRODUCER COMPANY	BOARD MEETING ATTENDANCE	AUDIT/FINANCE COMMITTEE	NOMINATIONS COMMITTEE	REMUNERATION COMMITTEE
				6 Meetings in 2023 incl. Strategy Meeting	12 Meetings	4 Meetings	5 Meetings
Leo Donovan	CEO	-		6	12	N/A	N/A
Herbert Sharkey	Chairman	Corporate	BSH Homes Appliances Limited	6	8	3	4
Brian Flood	Director	Corporate	Origo Ltd	6	N/A	4	3****
David Tyrrell	Director	Independent		6	8	N/A	N/A
Dermot Deely	Director	Corporate	Signify Ireland	4***	N/A	N/A	N/A
Fergus Johnston	Director	Corporate	Whirlpool Ireland Appliances	5	7	2	N/A
Johnny Dunne	Director	Corporate	Glen Dimplex	6	12	N/A	4
Niamh Laing	Director	Corporate	Panasonic Marketing Europe	0**	N/A	N/A	N/A
Richard Broderick	Director, Vice Chair	Independent		5	12	N/A	5
Brenda McEvoy	Director	Corporate	Apple Distribution Ltd	1	N/A	N/A	0*
Rod McCarthy	Director	Corporate	Exertis Ireland	3*****	N/A	N/A	N/A
ATTENDANCE				95%	86%	100%	100%

* Maternity Leave;

** Left Board June 2023;

*** Left Board September 2023;

**** Deputised on Remuneration Committee for Brenda McEvoy;

***** 3/3 as joined Board in June 2023

Committees

Statutory Committees are in the place with the Board of Directors for Audit and Finance, Remuneration and Nominations, with ad-hoc sub committees in place throughout 2023 made up of Directors and Management Team focusing on topics that included Tonnage and Targets, Communications, Procurement, Circular Economy, and a Battery Steering Committee which includes Members and Trade Associations from the Battery sector.

AGM

The 2023 AGM was held in person at the Clayton Hotel, Liffey Valley, Dublin 22, Wednesday 14th June. Items of business addressed at the meeting and all passed included:

- Receipt and consideration of the Annual Report
- Receipt and consideration of the Annual Financial Statements
- Re-election of the Auditors RSM Ireland and authorisation of the Directors to fix the remuneration of the auditors
- Authorisation for WEEE Ireland to receive individual member POM reporting data from the PRL Blackbox
- Re-election of existing Directors: Herbert Sharkey
- Election of new Directors: Rod McCarthy



Background to the POM Data Motion:

WEEE Ireland wish to receive an expanded range of data, more than is currently provided by the PRL Blackbox, to include units and weights reporting by category and sub-category (EEE) and weight reporting by category and sub-category (Batteries), for each Producer Member of the Scheme.

Confidentiality:

WEEE Ireland will maintain all data in the strictest of confidence in line with current practices as set out in the “WEEE Ireland Rules of Membership”. Data will be used internally within the Finance and Compliance departments of the WEEE Ireland organisation and will not be shared with any external parties.

Purpose:

Access to this data will assist WEEE Ireland as follows: -

- Data analysis to better assess POM trends and future income flows
- Improved segmentation of Members by product category
- Facilitate improved communications of relevant topics
- Gathering Stakeholder feedback
- Improvements to Member Auditing Program
- Identification of reporting errors, under reporting, over reporting or non-reporting

Opt out:

Members may request to opt out of this additional data being shared by the PRL Blackbox, these requests should be submitted to WEEE Ireland compliance department for assessment. Please note as set out in the “WEEE Ireland Rules of Membership” WEEE Ireland retains the right, in certain circumstances, to request this information directly from Members.

Result:

The motion was passed by the Members and the result communicated to the Producer Register Ltd. However it is understood the Regulations, as they are currently written, preclude the Registration Body from sharing this data with WEEE Ireland. They have expressed their willingness to support a proposal to review legislation to allow for sharing of this data. This work is ongoing.



Professional Team

SUB COMMITTEES

Formal Statutory Committees:

Audit/Finance
Remuneration
Nominations

WEEE Ireland Committees:

Battery Steering
Procurement

Ad hoc Topic Committees:

Tonnage
Communications

Board of Directors

Sector Representatives
& Independents



CEO

Leo Donovan



**PA/Office
Manager**
Elaine
Murphy



**Head of
Marketing &
Communications**
Robyn Macken



**Head of
Finance**
Gearoid O'Grady



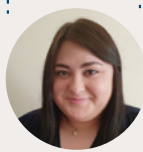
**Head of
Environmental
Compliance &
Membership**
Elizabeth O'Reilly



**Head of
Operations**
Laurence Kieran



**Head of
Batteries
& Project
Management**
Conor Leonard



**Senior
Data &
Marketing
Executive**
Chloe
Greenwood



**Customer
Service &
Finance
Executive**
Stephen
Tougher



**Senior
Membership
Administrator**
Caroline
Corbally



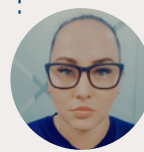
**Senior
Compliance
Executive**
Cristian
Barroso
Sierra



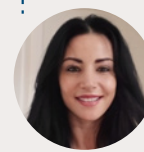
**Senior
Operations
Development
& Key
Accounts**
Adam Smith



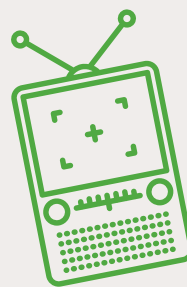
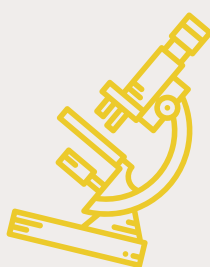
**Operations
Executive**
Christina
Fitzgerald



**Operations
& Projects
Executive**
Edita
Jurkeviciute
Ptasinskis



**Operations
Executive**
Elaine
Alford



Human Resources

WEEE Ireland has a high level of compliance with regard to employment law, policies and procedures, HR systems, Health and Safety and progressive value-added HR practices.

In line with the Work Life Balance and Miscellaneous Provisions Act 2023, the HR Consultant prepared new policies and procedures to ensure that WEEE Ireland is compliant with legislation.

The 2023 HR programme included recruitment/selection processes, updated job descriptions, new staff induction, performance management reviews, assessment training and development needs, overview of terms and conditions of employment, review of hybrid working practice, and staff wellbeing.

In 2023 WEEE Ireland had 16 staff (plus CEO) on payroll, with some working parttime which equate to 13.5 full time equivalents.

The WEEE Ireland team manages and runs six distinct programmes:

Corporate Governance	Finance & Systems
Environmental Compliance & Membership	Batteries & Projects
WEEE Operations & Recycling	Communications

IT Systems

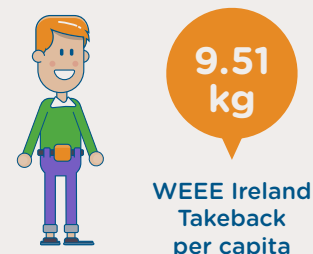
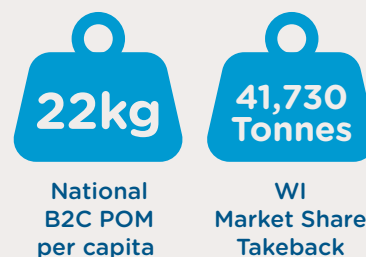
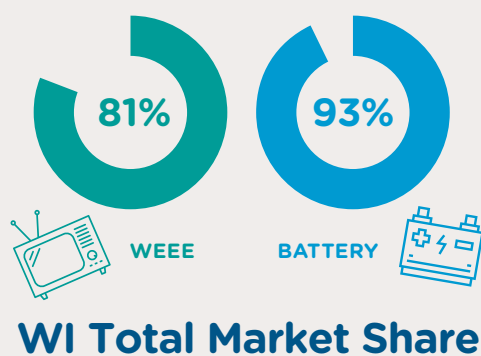
WEEE Ireland uses numerous systems to support the Management and Executive Team in their roles with functions that include coordination of Membership customer service relationships, WEEE and Battery Collection and Recycling Data and Finance payment and reporting requirements. The company adheres to a digital first approach with limited paperwork in place. The company secretary is the named Data Protection Officer and GDPR and Data Privacy policies are in place and implemented across the organisation.

WEEE Ireland continues to review its operational systems to access the opportunities from a company-wide integrated system. The company has continued to improve technological advancement in 2023 for the benefit of the business and the employees. This includes implementation of the new Financial IT system, Business Central, which has streamlined the management of the Finance Department with Power BI now being utilised as the standard internal reporting platform across all divisions. The company is in the early stages of evaluating the use of AI tools to drive efficiencies and further enhance reporting and analysis capabilities.



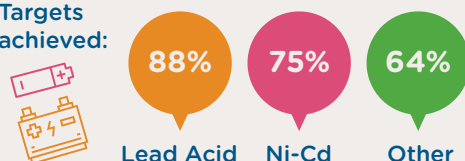
2023 Key Performance Indicators

The WEEE Ireland Board of Directors' review the performance of the Scheme against key performance indicators through monthly reporting by each division within the company. In line with our quality and environmental management system progress and effectiveness are recorded using key metrics and analysing both qualitative and quantitative metrics.



WEEE Ireland Battery Efficiency Rates

Targets achieved:



*See WEEE Flows additional data for information on effective takeback calculations



Environmental Policy & Strategy

Application for Reapproval 2023

“ We will build on the success of our existing EPR schemes to capitalise on circularity potential.

We will strengthen the Ministerial Scheme Approval process to ensure that costs related to the collection and treatment of end-of-life products are sufficiently covered by the fees paid by the producers to the Scheme.

The approval process will also be revised to ensure the provision by each EPR scheme of strategic plans for each waste stream which will foster greater engagement along the supply chain with a particular focus on the design and manufacturing sectors. ”

(Waste Action Plan for a Circular Economy 2020¹)

Extended Producer Responsibility (EPR) Schemes in Ireland operate under a Ministerial Approval with a requirement to apply for reapproval before the end of each approval period. WEEE Ireland received extensions on its Approval since 2021 while its application was being considered. During 2022 and 2023 additional input was sought and received from the Scheme to DECC, on important aspects of the next Approval iteration. These included new proposals for management of long life products including Photovoltaic Cells and Electric Vehicle batteries. As a not-for-profit Scheme with high levels of oversight and corporate governance, WEEE Ireland welcomed the additional scrutiny and reporting requested from the EPR Schemes in December 2023 in advance of granting of Approval. This included detail responses on financial management and EN standard recovery of WEEE with documentation and evidence required for all submissions

During 2023 WEEE Ireland continued to engage with the DECC on terms and conditions for the Scheme approval and at the time of writing are awaiting granting of a new approval. This new framework will need to encompass the requirements for EPR Schemes highlighted in the Waste Action Plan for a Circular Economy, and deliver on the EPR requirements of the new EU Batteries Regulation. It will also likely span the timeframe of the WEEE Directive Evaluation and subsequent publication and implementation of a new European WEEE Directive or Regulation.



¹ A Waste Action Plan for a Circular Economy Ireland's National Waste Policy 2020-2025, Government of Ireland 2020
<https://www.gov.ie/en/publication/4221c-waste-action-plan-for-a-circular-economy/>

**BEST IN
CLASS
COMPLIANCE**

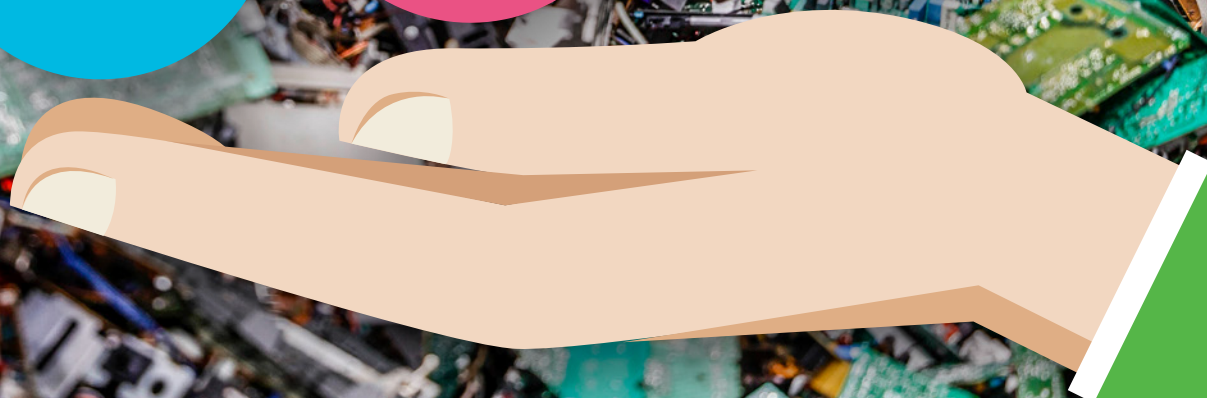
**COST-EFFECTIVE
MANAGEMENT**

**SUPPORT
TO MEMBERS**

**OPEN &
TRANSPARENT
COMMUNICATIONS**

**OPERATION
PARTNERSHIPS**

**FORWARD
THINKING**



Positive Change:

New Battery Regulations for a Sustainable Europe

“This Regulation should prevent and reduce adverse impacts of batteries on the environment and ensure **a safe and sustainable battery value chain**

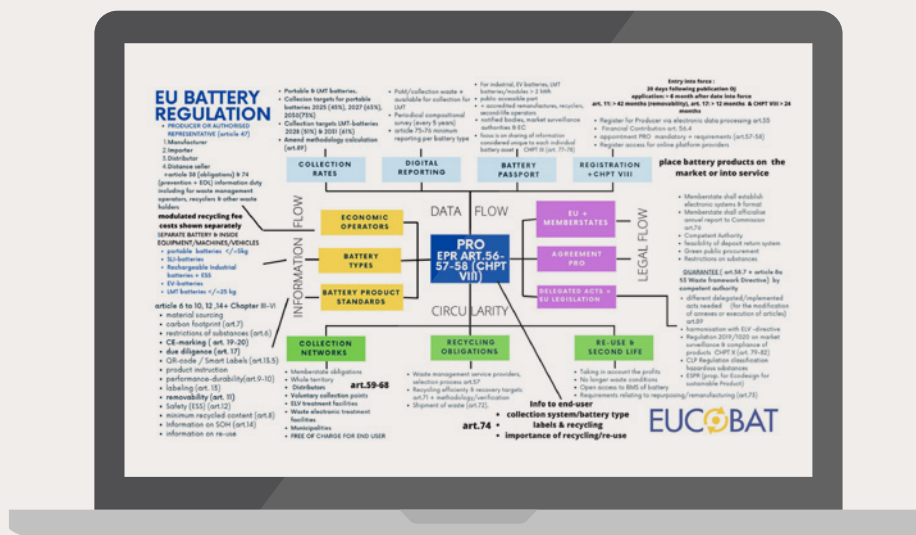
for all batteries, taking into account, for instance, the carbon footprint of battery manufacturing, ethical sourcing of raw materials and security of supply, and facilitating re-use, **repurposing and recycling.**

It should seek to improve the environmental performance of batteries and of the activities of all operators involved in the life cycle of batteries, such as producers, distributors and end-users and, in particular, those operators directly involved in the treatment and recycling of waste batteries. Such measures will help to ensure the transition to a **circular economy** and the long-term competitiveness of the Union and should contribute to the efficient functioning of the internal market, while taking into account a high level of **protection of the environment.**

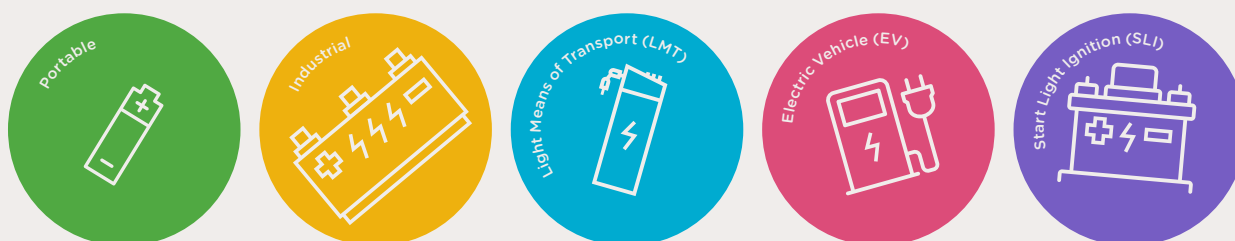
This Regulation should also aim to prevent and reduce the adverse impacts of the generation and management of waste batteries on human health and the environment and it should aim **to reduce the use of resources** and favour the practical application of the waste hierarchy”.

(REGULATION (EU) 2023/1542 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 12 July 2023 concerning batteries and waste batteries, amending Directive 2008/98/EC and Regulation (EU) 2019/1020 and repealing Directive 2006/66/EC²)

² <http://data.europa.eu/eli/reg/2023/1542/oj>



New European wide Regulations on Batteries were published in 2023 following extensive engagement and inputs from stakeholders. They contain new categorisation for Batteries namely:



The Regulation set new targets increasing the collection of waste portable batteries to;

63%

by the end of 2027 and

73%

by the end of 2030



Light Means of Transport Batteries have collection targets set at;

51%

by the end of 2028 and

61%

by the end of 2031



Mandatory minimum levels of recycled content for industrial, SLI and EV batteries, initially set at;

16%

for cobalt,

6%

for lithium and

85%

for lead,

6%

for nickel.



nickel-cadmium batteries is set at

80%

by the end of 2025; and

50%

by the end of 2025 for other waste batteries.



By 2027 portable batteries incorporated into appliances should be removable and replaceable by the end user while LMT batteries will need to be replaceable by an independent professional.

The Battery Regulations also introduce safety, sustainability and labelling requirements including digital battery passports and QR codes.

They take a lifecycle approach to batteries and aim to reduce environmental and social impacts with due diligence rules for larger operators to verify material sources.



The Publication of the EU Batteries Regulations in 2023 has laid the roadmap for WEEE Ireland's Battery programme on behalf of Members for the coming years. WEEE Ireland's Battery Operations will need to adapt to the new framework and will be impacted by:

- New categories of Batteries requiring defined reporting as they are placed on the market and collected for recycling
- The roll-out of dedicated EPR Programmes for Electric Vehicle (EV) and Light Means of Transport (LMT) batteries
- Understanding of the role the Scheme will play in supporting battery circularity measures including battery reuse, remanufacturing and repurposing in Ireland
- How the Scheme, Members and contractors will need to interact with Battery Management System and Digital Product Passport requirements
- Increased collection to meet ambitious takeback targets
- Engagement with downstream processors on new recycling efficiency and material recovery rates
- Supporting development of new collection rate methodology with additional data requests to understand on what is "available for collection" in the Irish marketplace

During 2023 and continuing into 2024 the Compliance Team have played an active participation role in the DECC Battery Working Groups engaging with DECC, PRL and other stakeholders on the implementation of these new Regulations. The team coordinate the Members Battery Steering Committee and are represented on the EUCOBAT Policy Working Group in Europe.



³ Towards a sustainable, circular, European battery supply chain - Consilium (europa.eu) <https://www.consilium.europa.eu/en/infographics/battery-supply-chain/>

Environmental Policy Engagement

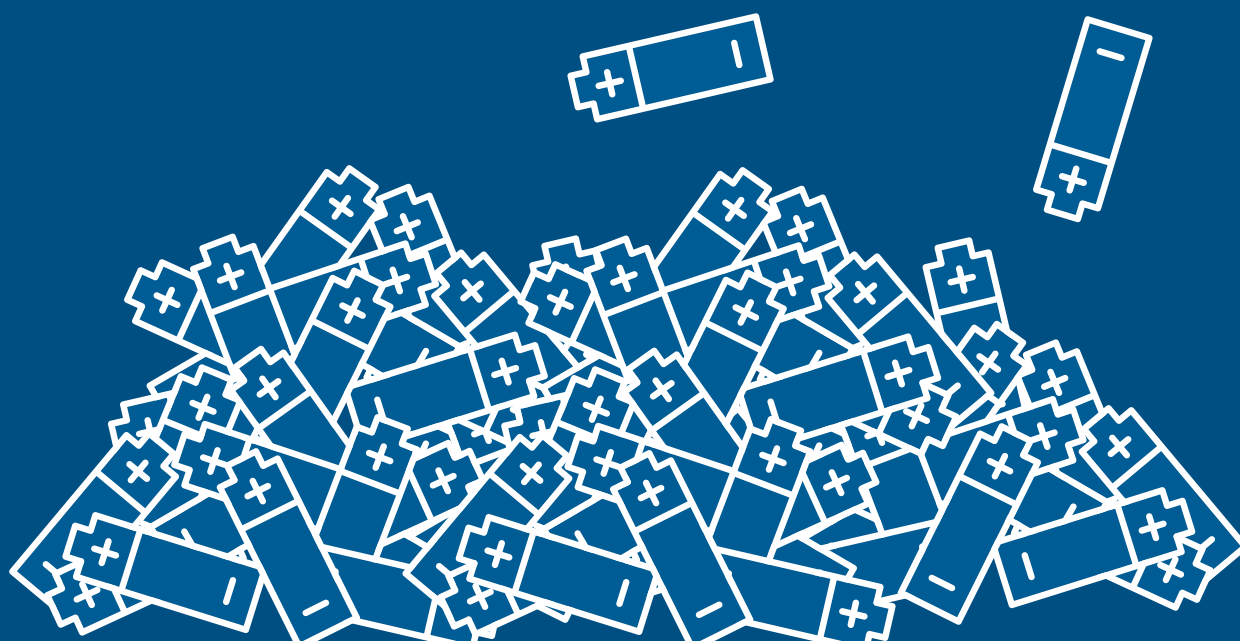
During 2023 the Compliance team from WEEE Ireland submitted feedback on public consultations and through working group on other topics to DECC and other Stakeholders including:

- Reapproval Application submissions
- EV and PV national solution proposals
- Lithium Battery Codes
- Critical Raw Materials
- WEEE Directive targeted questionnaire and public consultation
- Public Consultation on the National Waste Management Plan
- Public Consultation on Disposable Vaping Devices
- Repair Finance Incentives
- EU Commission proposal on Common Rules promoting the Repair of Goods
- EPA and DECC Green Procurement Consultations

WEEE Ireland represents the Scheme and Member activity on several national forums including:

- National Industry Enforcement Committee
- Garda Siochana Metal Theft Forum
- WERLA WEEE Collection Working Group
- National Waste and Circular Economy Advisory Groups
- DECC Waste Battery Working Groups
- Critical Raw Materials Working Group
- National Electrical Recycling Public Awareness Campaign Working Group
- NSAI/ETC TC 22 Environmental Standardisation for Electrical and Electronic Products and Systems

In addition, the management team actively engages in policy, technical and communication taskforces with its pan-European partners to support the WEEE and Battery centres of excellence approach taken by WEEE Forum and EUCOBAT respectively. These include outputs focusing on topics such as Battery safety management, WEEE in Scrap, International E-waste Recycling Day, Best Practice in Collection platforms and Key Figures collation.





Financing Extended Producer Responsibility

Fees

WEEE Ireland Members finance the necessary costs to meet their Extended Producer Responsibility through the following:

- Registration fees with the Producer Register Ltd
- Membership fees with the WEEE Ireland Scheme
- Environmental Management Costs for the EEE and Battery products they place on the market each month including:
 - vEMCs *Visible Environmental Management Costs*
 - RMCs *Recycling Management Costs*
 - CMCs *Compliance Management Costs*

Members are e-invoiced at the end of each month based on Blackbox reporting for the previous month with fee collection occurring in the main by direct debit. A discounted Membership fee is offered on joining to all Producers to encourage sign up to direct debit methodology which supports a streamlined credit control system.

Reporting and Blackbox Data POM

Producers report POM (placed on the market) data about their products each month to the Producer Register Ltd Blackbox. WEEE Ireland provides its fee sheet to the Blackbox each year, which is applied against each Member submission to calculate environmental management cost obligation. The Blackbox provides the Scheme with monthly invoicing reports, pertaining to B2C EEE and Batteries, for its Members, with all fees collected through e-invoicing. Accuracy of POM reporting is critical for Producers and the Scheme for the calculation of fees, determination of the national collection target and operational planning.

Finance Briefing

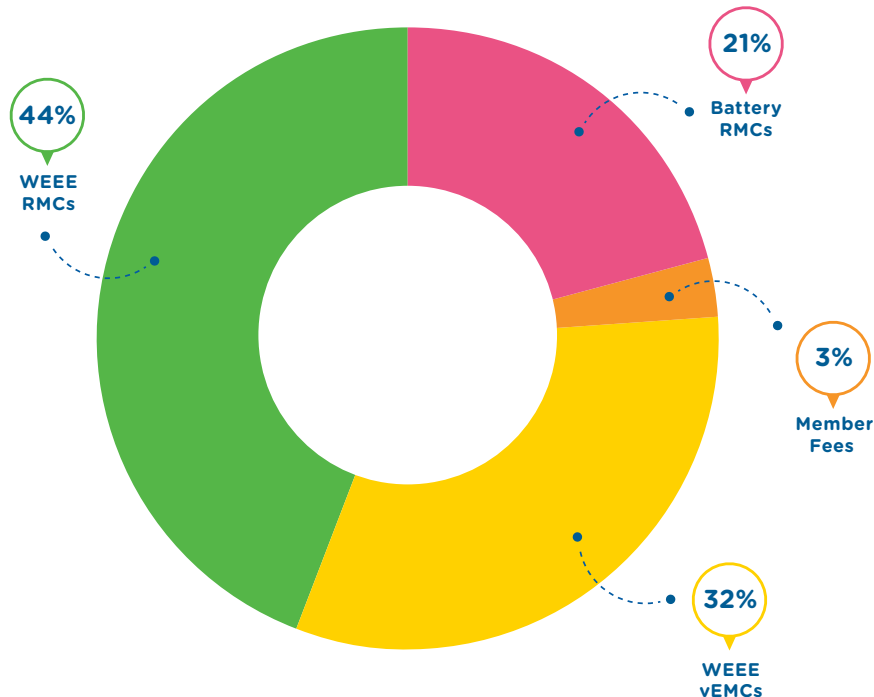
Sector Meetings were held in September and October 2023 to discuss the challenges and opportunities faced by the EPR Scheme and their impact on necessary cost management on behalf of the Members. A full briefing presenting the proposed fees for 2024 was held on the day of the WEEE Ireland conference. Fees for the following year are circulated following validation by the Board of Directors before the end of each year.

2023 Audit Report

The Scheme's Financial audit was successfully completed by the independent external auditors in April 2024 and financial statements for 2023 filed with the CRO within the required timeframe. Financial Statements are circulated to all Members in advance of the AGM each year.

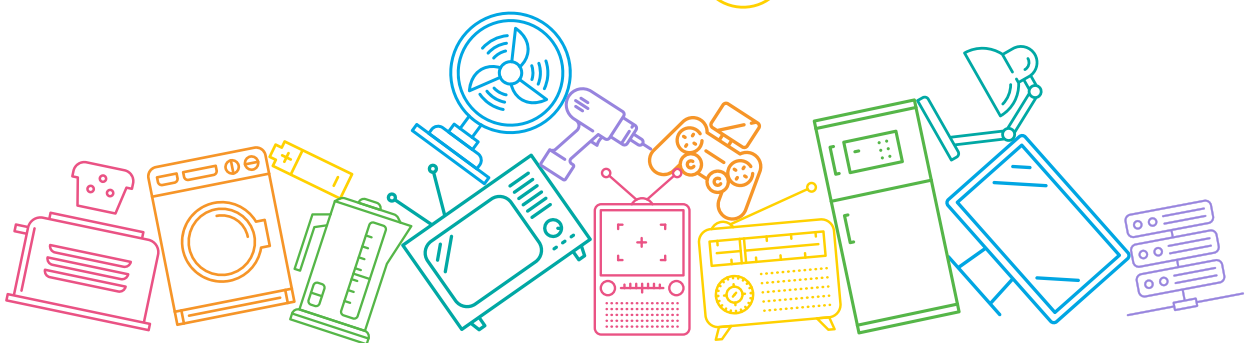
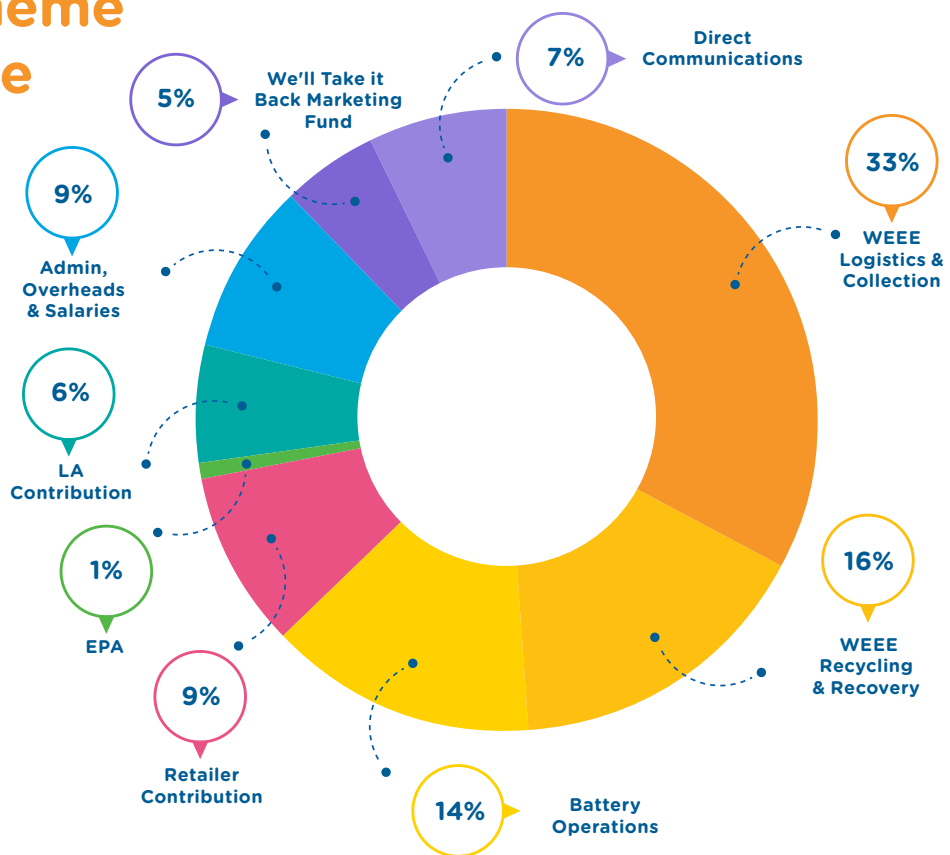
Composition of WEEE Ireland Membership Fee Income 2023

Income %



Composition of WEEE Ireland Scheme Expenditure 2023

Expenditure %



Transparency & Reporting

WEEE Ireland publishes a detailed financial report to its Members, distributed in advance of the Annual General Meeting. An extensive financial report is supplied to the DECC each year as part of the Scheme's Approval criteria. This includes details of the contingency reserve requirement which all EPR Schemes in Ireland must implement and ring-fence away from normal operational spend.

In January 2024 WEEE Ireland completed additional financial reporting requirements on necessary cost management at the request of the Department, relating to 2022 and 2023 activity, as part the Application for Reapproval Process.

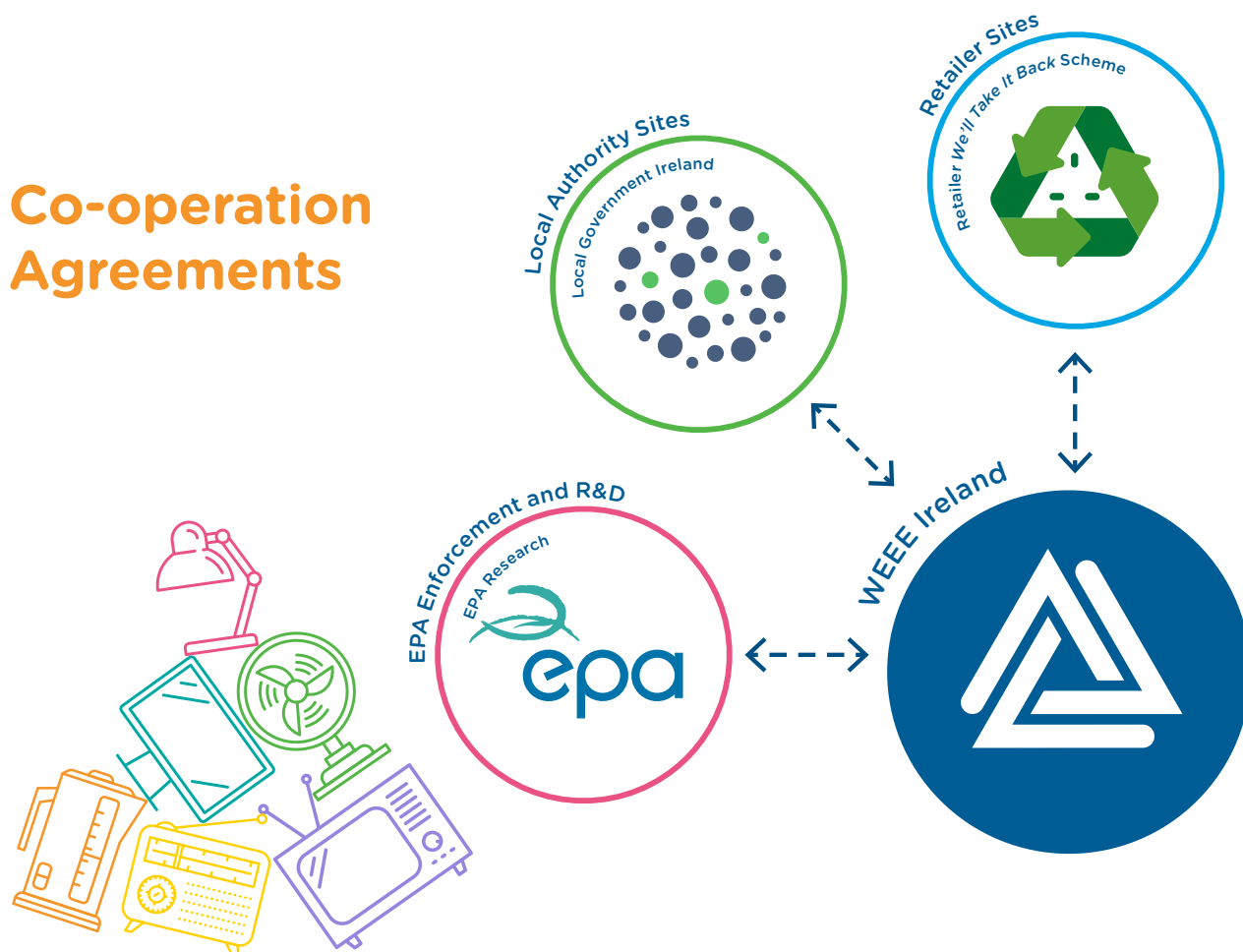
WEEE Ireland continues to maintain divisional accounts to support separation of sector income across the WEEE categories and between WEEE and Battery expenditure. A detailed Fee Information Sheet is provided to all Producers applying to the Scheme for Membership, and to existing Members in advance of each calendar year and during the Membership renewal process.



Procurement

A dedicated Procurement Committee meets twice a year made up of Directors and Management Team with dedicated oversight on the contractual agreements made on behalf of the Scheme for material purchases and services. The Committee ensures competitive tendering is in place, that Green Procurement aspects are included in purchasing decisions and notably that requirement for EN 50625 certification for all WEEE treatment facilities is adhered to.

Co-operation Agreements



Contributions	Description	€*	Benefit
Retailer We'll take it back Communication Programme	Drives a unified communications message from key electrical retailers on takeback with no purchase necessary and supports contributions to segregation and separation costs for WEEE collected Retailer groups involved in the initiative include Curry's, DID, Euronics, Expert, Harvey Norman, Power City and Soundstore	750,000	Acknowledges the role retailers play in maintaining a takeback network of collection points for consumers in keeping with their distributor obligations
Local Authority WEEE Fund	Contributes to Regional and Local Authorities for takeback at the network of 100 plus municipal Civic Amenity Sites, Bring and Recycling Centres Sites where WEEE can be taken back free of charge by consumers	1.2 million	Supports municipal WEEE collection facilities at Civic Amenity sites nation-wide
EPA Enforcement and R&D	Provides funding towards WEEE and Battery enforcement and guidance programmes by the Office of Environmental Enforcement, and Environmental Protection Agency Research Strive projects	250,000	Supports a collaborative approach and industry engagement

Details of electrical recycling collection points nationwide at weeeireland.ie and mywaste.ie.
<https://www.weeeireland.ie/household-recycling/where-can-i-recycle/>

**These contributions are from both WEEE EPR Schemes in Ireland. WEEE Ireland contributed in accordance with its market share ratio which was 78% for 2023 activity based on the previous year POM (excluding PV). WEEE Ireland operates an additional back door contribution programme with retailers to support necessary infrastructure and encourage proper separation and segregation of WEEE for collection.*

Throughout 2023 as well as co-funding, WEEE Ireland co-operated with other Stakeholders, Authorities, Agencies and Approved Bodies in policy development, consultation, information and data sharing, compliance, communication and enforcement programme engagement.

WEEE Ireland also continued engagement with Producer Trade Associations and sector groups along the EEE and Battery value chain during 2023 including:



Ibec
For Irish Business



White Goods Association
Ibec



Technology Ireland
Ibec



AEW



Lighting Association Ireland
Knowledge | Support | Network

and other Distribution and Retail Groupings.



FREE ELECTRICAL RECYCLING

At Your Local Authority Recycling Centre or Participating Retailer



Future Financing

Visible Fees

Engagement with Stakeholders on the future of visible fees in Ireland on certain EEE categories, continued during 2023.

WEEE Ireland supports the option for visible fees on certain categories of EEE to display necessary environmental management costs to purchasers as allowed under the 2012 WEEE Directive. Work continues on stakeholder engagement around a new visible fee proposal into 2024.

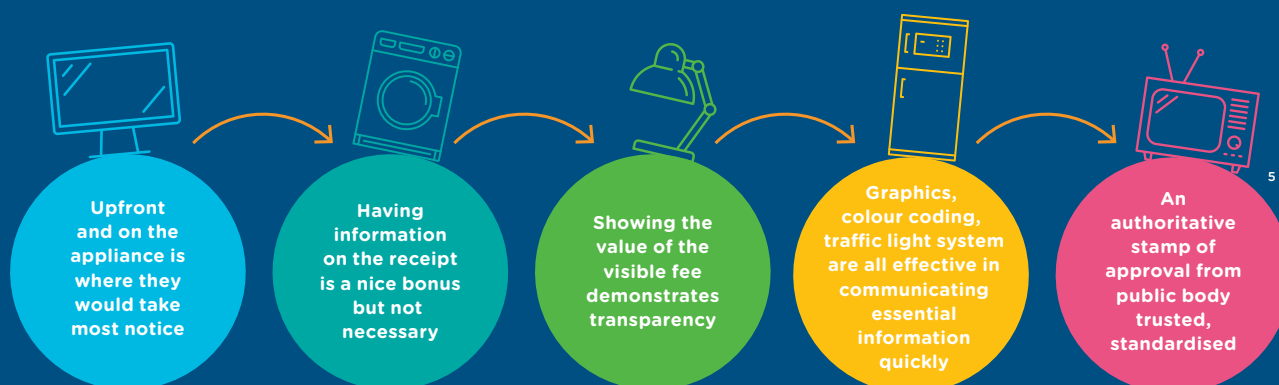


Eco-Modulation

No new eco-modulation programmes were developed on WEEE or Battery Compliance fees in 2023. The Scheme continues to apply differential environmental management costs to waste electronic and electrical equipment and batteries, according to the specific treatment processes they require, the commodity values they potentially contain and in the case of batteries the different chemistry types which impact treatment costs. As part of the National Batteries Working Group, consideration for visible fees for batteries will be reviewed.

Incorporating other environmental criteria into compliance fees will be challenging due to the complexity involved and how these relate to necessary costs for end-of-life management remains to be seen.

WEEE Ireland supports a harmonised approach in Europe to any eco-modulation developments in the WEEE and Battery systems and support the WEEE Forum position paper and investigation findings in this regard ⁴ and will work with the national register and authorities to engage in evidence driven decision making on this topic.



Environmental Information is welcome but needs to be CLEAR and CONCISE

As part of the WEEE Forum Eco-modulation Project WEEE Ireland and SENS Recycling undertook consumer interviews and surveys to give some insights to this topic ⁶.

^{4 & 5} [Eco-modulation_Interim-findings_2021-07-20_v7_Final2.pdf](https://weee-forum.org/wp-content/uploads/2021/07-20_v7_Final2.pdf) (weee-forum.org)
https://weee-forum.org/wp-content/uploads/2021/12/Eco-modulation_Interim-findings_2021-07-20_v7_Final2.pdf
⁶ https://weee-forum.org/wp-content/uploads/2022/03/Annex-III_Consumer-survey_2021.pdf





2023 Operations & Results

WEEE Ireland Contractors: Collection & Direct Treatment Partners 2023

**WEEE Ireland Direct
Recycling Contractors**

Location

**Tullamore Co. Offaly and
Kilbeggan Co. Westmeath**

Key Operating Area

WEEE & Battery Collection & Recycling

KMK Metals Recycling ⁷

Irish Lamp Recycling⁸

Athy, Co Kildare

Nationwide Lamp Collection & Recycling

Logistics & Hub Contractors

Location

Little Island, Cork

Key Operating Area

WEEE Collections

Caulfield Transport

Recycle IT

Clondalkin, Dublin

Social Enterprise, Kerbside collection, Dublin area

Pilot Programme Partnership

Location

Dublin Hill, Cork

Key Operating Area

IT & T

Wisetek⁹

⁷ Certified to WEEELABEX quality treatment standard

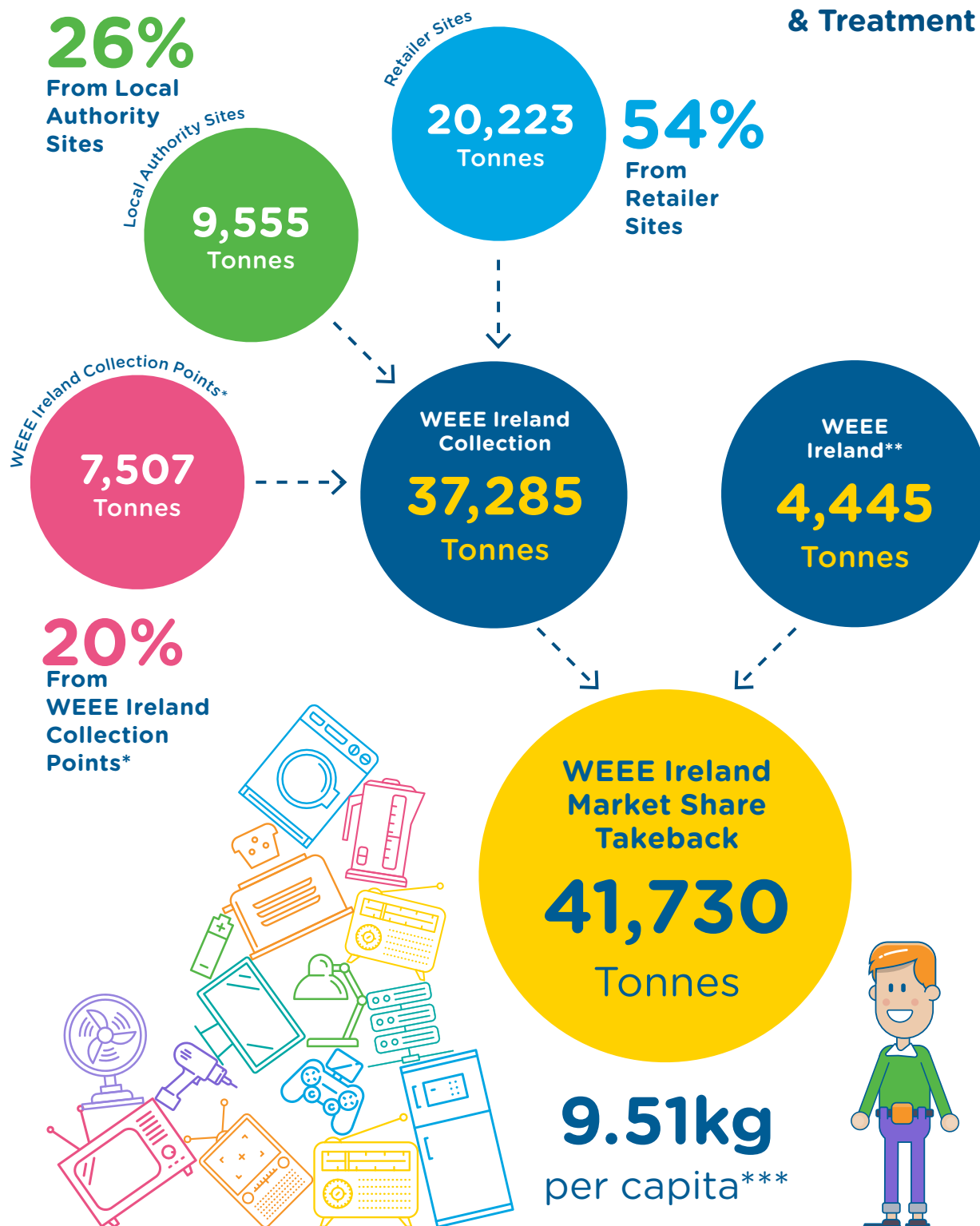
⁸ Certified to WEEELABEX quality treatment standard

⁹ Certified to WEEELABEX quality treatment standard

WEEE Collection Results

WEEE Operations

WEEE Ireland Collection & Treatment



*Includes Education sites, Public Collection Events, Waste Industry and Workplace collection points.

**WEEE Ireland market share exceeds its designated collection area and means the Scheme is not accessing the required collection points for its size. Reconciliation and transfer of additional tonnes from the other Scheme addresses this imbalance whilst handover of collection area agreements was finalised July 2023.

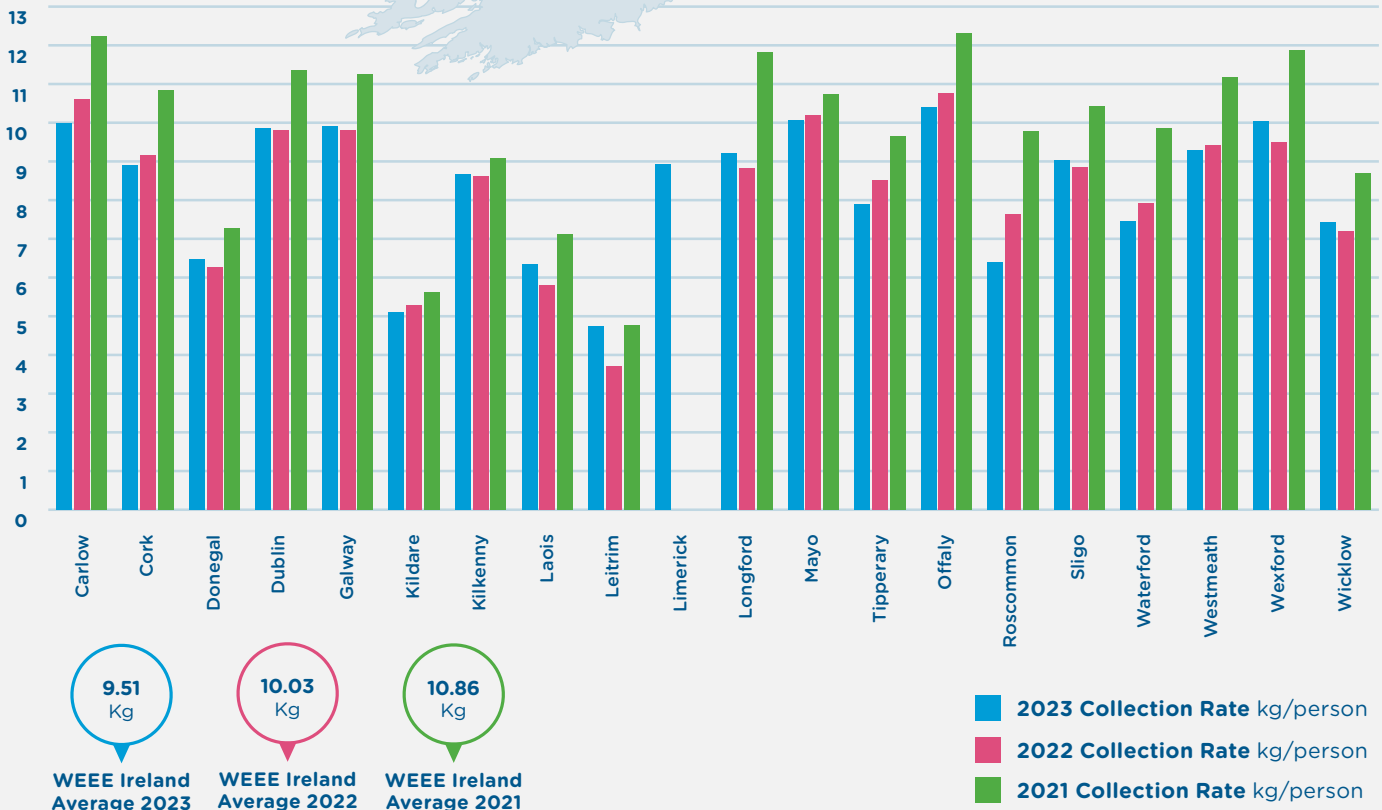
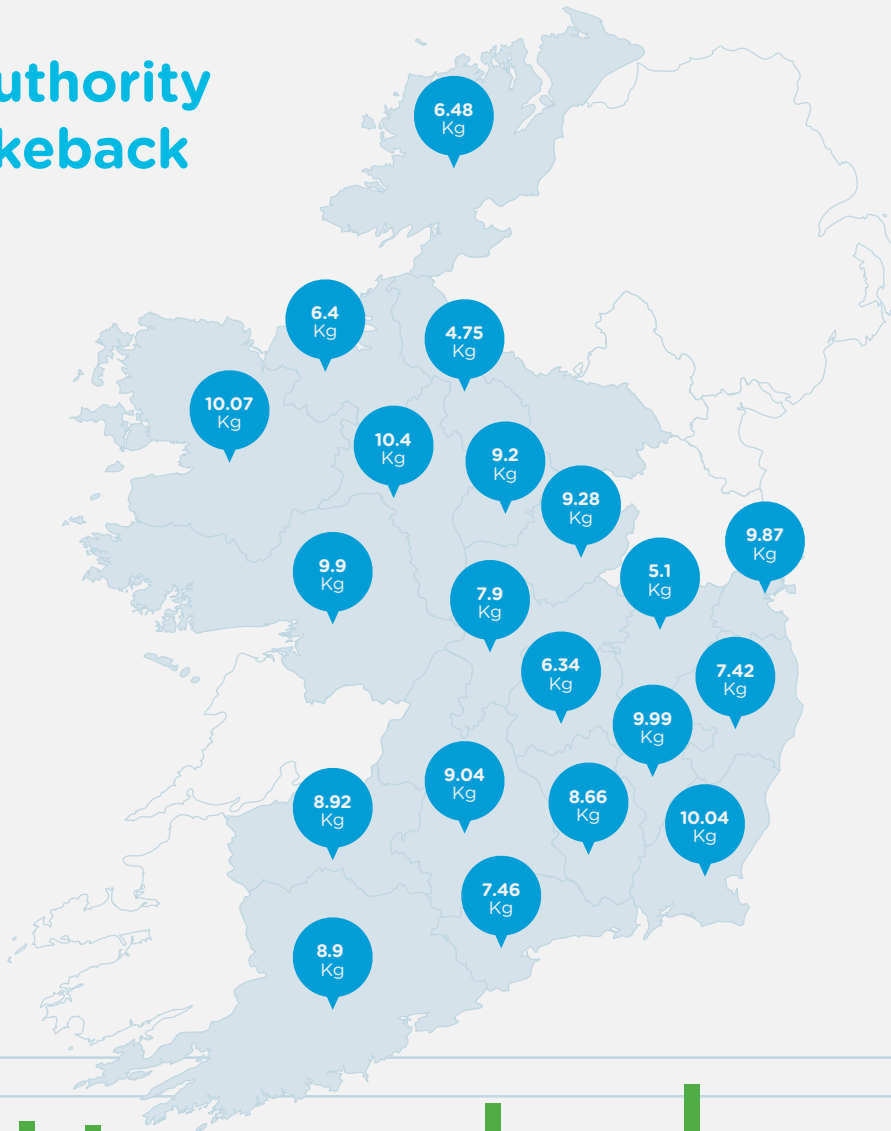
***based on 2022 population census data for WI core designated collection area. An 8% growth in population since 2016 is having a significant impact on the kg per capita benchmark in WEEE Ireland designated core collection area and will impact national dataset also.



WEEE made
17,854 collections of
7,352 truckloads from
2,433 individual sites in our
designated collection
area in 2023

Local Authority Area Takeback Rates

2023
Collection
Rate
Kg/person



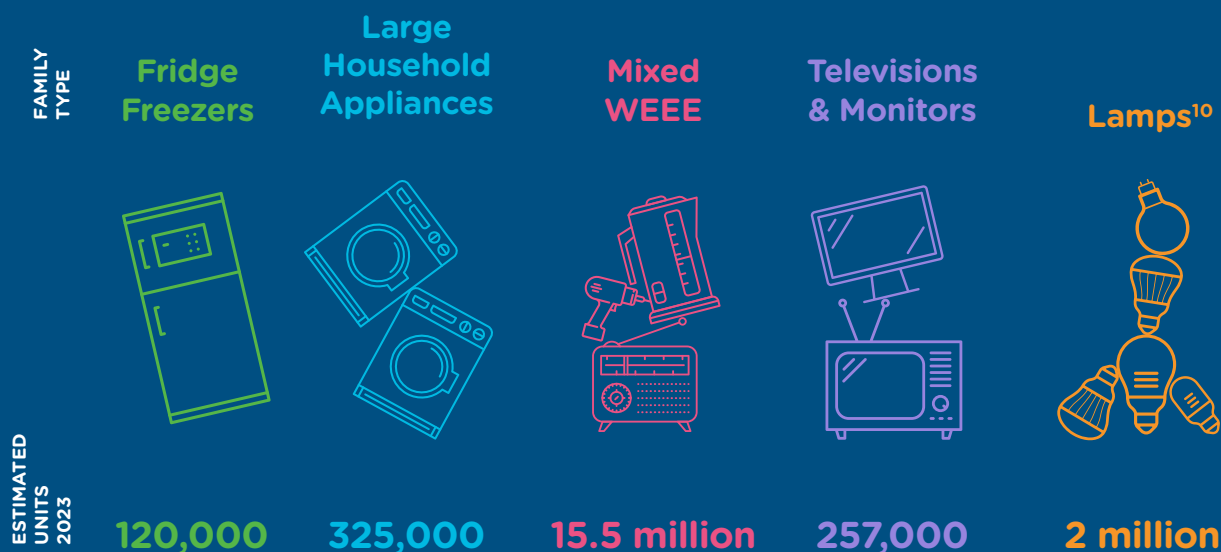
*Note WEEE Ireland designated collection area for B2C WEEE and waste portable batteries excludes Fingal, Cavan, Monaghan, Louth, Meath, Clare, and Kerry except for Waste Lighting Equipment (excluded from this graph). During 2023 Limerick was transferred to WEEE Ireland for management but only from July onwards. WEEE Ireland manages an all-county national takeback solution for the Irish Lighting Sector and national solutions and services for industrial and automotive waste batteries

Units Per Family

WEEE is collected in 'Families' which refers to the groups e-waste is collected in and is determined by the specific recycling processes they must undergo. An estimated

18.1 million+

WEEE appliances were collected for recycling by WEEE Ireland in 2023 including:



Total **18.1 million**

“ Since we began our collection programme in 2005, WEEE Ireland has collected more than 575,000 tonnes of e-waste and batteries, and diverted an estimated 231 million old and broken appliances and the resource potential they contain, from going to waste! ”



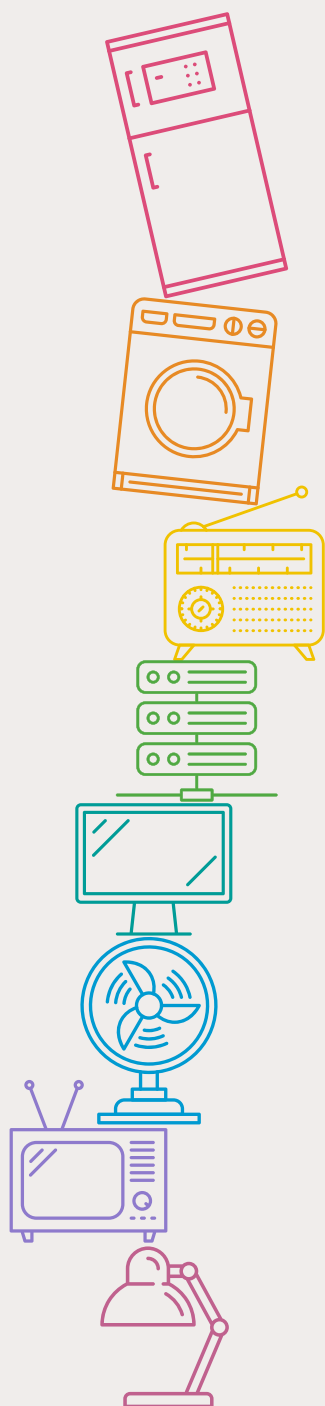
¹⁰ Gas discharge lightbulbs including energy saving compact and longer fluorescent tubes.



What is in the Mix?

Sampling is carried out twice a year at the EN 50625 certified KMK facility in Tullamore to review and report on the breakout of categories and subcategories of material in 'Mixed WEEE'.

Mixed WEEE is the operational name for small household, consumer and ICT e-waste that includes kettles, toasters and microwaves, DVD players, tools, toys, lighting equipment, vacuum cleaners, coffee makers, calculators, desktop printers, keyboards and more. Through sampling WEEE Ireland is able to allocate necessary costs to these sectors for the environmental management of items collected under this diverse takeback stream.



WEEE Targets

WEEE Ireland Collection Rate Data

In 2023 WEEE Ireland achieved 53% takeback collection rate based on standard three-year average POM (placed on the market) comparison methodology. However, if a WEEE Flows approach is taken the effective takeback rate is close to 60%.

To review takeback rates across categories further breakdown is needed. Including sub-categories helps focus on the areas with the longest distance to target and where we need to channel resources to close that gap. While Large White Goods Appliances continue to exceed the 65% takeback target, Fridge Freezers are 10% away from the target rate and Screens are at least 20% under target. Lamps, Small Appliances and Small IT&T, Heating Equipment and Other Large Appliances have considerable volume gaps between put on the market and takeback rates.



CATEGORY		TAKEBACK TONNES	WI % TAKEBACK 2023 COMPARED TO 3 YEAR POM
CAT 1	Temperature Exchange		
	Cat 1 (1.1, 1.2, 1.3 Fridge Freezers)	6,682	56%
	Cat 1 (1.4 Heatpumps)	-	0%
	Cat 1 (1.5 Other heating)	418	48%
	Cat 1 Total	7,100	52%
CAT 2	Screens	2,949	43%
CAT 3	Lamps	280	23%
CAT 4	Large Appliances		
	Cat 4 (4.1 LHA)	17,618	72%
	Cat 4 (other Large Appliances)	5,279	50%
	Cat 4 Total	22,897	65%
CAT 5	Small Appliances	7,104	37%
CAT 6	Small IT&T	1,400	50%
TOTAL		41,730	53%*

*When a WEEE flows approach is taken the effective collection rate is 60% or higher. See section on pg 44.

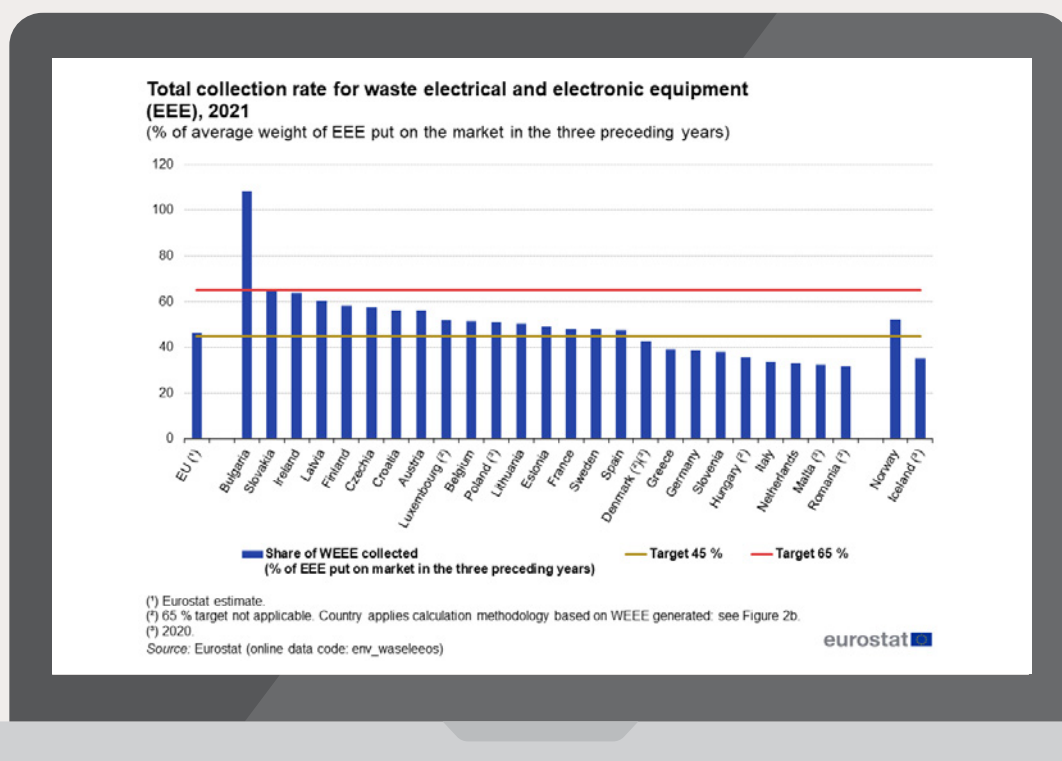


Evaluating the Target

Falling WEEE collection rates in Ireland directly relates to increased consumption rates, which again continued to grow, reaching higher European norms than was previously typified in the Irish marketplace. This increased supply and sale of EEE onto the Irish market can be seen in national reporting data. Irish Producers placed 22kg of household electrical equipment per head of population on the market in 2023.

In 2022 WEEE Ireland moved down to 14th out of 26 reporting organisations in the WEEE Forum when comparing collection rates, due to the unique economic cycle in Ireland with increasing population and POM rates¹¹.

Comparisons with EU data help frame the distance to target challenge as a European-wide concern, with very few countries actually achieving the 65% collection rate according to EUROSTAT data¹². The WEEE Forum has written to DG Environment requesting a review and validation be carried out on the data reported by some of the countries claiming high takeback rates without corresponding collection and reporting programmes.



¹³ According to Eurostat in 2021, the collection rate of WEEE was only 46.2% in the European Union.

¹² https://ec.europa.eu/eurostat/statistics-explained/index.php?title=Waste_statistics_-_electrical_and_electronic_equipment_28EEE.29_put_on_the_market_and_WEEE_collected_by_country
¹¹ <https://weee-forum.org/key-figures/>
¹³ https://ec.europa.eu/eurostat/statistics-explained/index.php?title=Waste_statistics_-_electrical_and_electronic_equipment

Mapping WEEE Flows & Distance to Target

The European Commission has recognised the challenge of unreported WEEE Flows in a recent study across Member States, noting nearly half of WEEE is unaccounted for. Their researchers in the 2022 published study, noted the importance of accurate baseline data to properly design and control WEEE management systems. WEEE Ireland supports mapping of additional WEEE Flows known and unknown through enhanced national measurement programmes. An All-Actors Approach to reporting is recommended to identify pathways for improved EEE management and controlling resource loss through unauthorised and unreported material flows.



“Results suggest that a total of approximately 9.7 million metric tonnes (Mt) of WEEE, both reported and unreported, was discarded by the 30 countries in 2018. Just over half (51%) – 5 Mt – was reported by Member States.

Of the unreported WEEE, the study estimated that 1.12 Mt (12%) was recycled under non-compliant conditions, as part of mixed-metal scrap. A further 0.64 Mt (7%) was scavenged for valuable components, 0.6 Mt (6%) was disposed of in household waste and 0.29 Mt (3%) was legally exported. The remaining 2.09 Mt (21%) is unaccounted for and may be illegally exported¹⁴. ”

While an evaluation of the WEEE Directive continues in 2024, WEEE Ireland and our colleagues in the WEEE Forum support a better way of evaluating effectiveness of national WEEE systems that include quantitative and qualitative measures¹⁵. Collection rate targets should consider longevity of certain EEE products and the variations across categories and sectors as well as waste prevention and other circularity measures. We propose considering an effective takeback rate in Ireland looking at all WEEE Flows to determine the collection performance of EPR Schemes and Producers.

Effective Takeback Rate	TONNES	%
3 year POM minus PV	79,241	100%
Target	51,507	65%
Takeback	41,730	53%
WEEE Flows*	5,474	7%
Effective Takeback	47,204	60%

Using a WEEE Flows approach the Effective Target =
$$\frac{\text{POM (POM tonnes minus not Available for Collection POM tonnes)}}{(\text{Active Collection Volumes plus other WEEE Flows})}$$

*Only WEEE in Scrap Metal calculated as part of national substantiated estimate figures is included here, however additional WEEE Flows to be counted could include EEE export, Waste bin, hoarding metrics, as well as waste prevention through repair and reuse.

“The method to calculate the collection target is not fit for purpose ”
(WEEE Forum 2023)

¹⁴ Improved WEEE data give a better picture of collection and recycling rates (europa.eu)
¹⁵ Response-to-WEEE-evaluation_Final_2023-10-12-1.pdf (weee-forum.org)



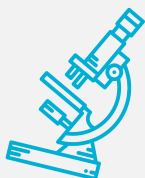
Quality Management of WEEE



Throughout 2023 WEEE Ireland continued to strive towards closing the gap towards the 65% collections target through:

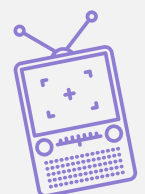
WEEE Collection Point Engagement

- Ongoing visits to collection points
- Supplemented with online meetings with WTIB retailer groups and Local Authorities
- Supported by WERLA and EPA interaction
- Focus on WEEE handover from waste industry and metal merchants
- Integration of Limerick county into WEEE Ireland designated collection area
- Supporting key retailers in the rollout of their instore takeback programmes
- Continued Special Events Programme and development of this network



Retailer Takeback Program

- 7 We'll Take It Back Retailer Groups
- Electrical industry led program
- Oversight from the Producer Register Limited for allocation of contributions
- Encompasses 85% of retailer WEEE takeback
- Awareness raising aspect and advertisement of free takeback function are core elements
- Regular engagement with WTIB members and the Operations and Communications teams
- Continued increasing small WEEE takeback with small WEEE receptacles at electrical stores
- Encouraging household collection of small WEEE at time of delivery/takeback of large appliances



Guidance Manual

- Ongoing promotion of the best practice management manual
- Education and awareness of proper WEEE handling by collection points
- Provides framework for good practice



Next Steps and Challenges

- Waste Industry and Scrap Metal engagement to handover WEEE arising at sites
- Recycle IT -takeback project ongoing at apartment complexes
- Consideration for new sampling protocols for mapping of families to categories
- Challenges continue with takeback resulting from online sales and courier delivery



Lighting Take Back

WEEE Ireland works in partnership with Association of Electrical Wholesalers (AEW), and the Producer led Lighting Association of Ireland (LAI) to facilitate the return and recycling of waste lighting across all 26 counties.

The dedicated WEEE Ireland Lighting recycling partner, Irish Lamps Recycling (ILR) is certified to EN 50625 for their lamp and luminaire treatment processes. ILR works with electrical wholesalers to collect waste lighting from their premises and electrical contractors to collect waste lighting directly from construction sites.



Lighting Association Ireland
Knowledge | Support | Network



WEEE Ireland and The Association of Electrical Wholesalers (AEW) launched a new co-branded programme identity during 2023.



Play Your Part In
Protecting The Planet

During 2023 the AEW's
110 wholesalers
took back a total of
470 tonnes
of lamps, fittings,
and luminaires.





Recycle IT Partnership 2023

Recycle IT is a community-based, not for profit social enterprise permitted by NWCPO and South Dublin Country Council to offer waste electrical, electronic equipment (WEEE) recycling in Eastern-Midlands Waste Management Region. Our teams work in Dublin, Wicklow, and Kildare.

Recycle IT has worked in partnership with WEEE Ireland since 2007 offering both a WEEE drop off and collection services in Dublin and surrounding areas. Over the years this partnership has helped Recycle IT improve visibility, credibility, and brand image.

Both organisations have a shared interest in making electrical recycling easy and accessible to local residents/ community.. The relationship has helped strengthen Recycle IT and has helped the team increase the quantities of Waste Electrical and Electronic Equipment recycled yearly.

Recycle IT collected over 670 tonnes of electrical equipment in 2023 directly from households, and organisations including school and charities, on behalf of WEEE Ireland.



Household Resident Association WEEE Recycling Initiative

During 2023 Recycle IT facilitated WEEE recycling events with over 125 residents associations.

Recycle IT promote these collections through emails, flyers, events, to local councillors, community networks and on social media and blog posts. Once a collection is scheduled the Recycle IT team works with each resident committee to offer guidance and promotional materials to arrange their collection day. Collaboration like this, before the event helps build trust and delivers higher rates of recycling.

Residents' groups receive a report following each collection on quantities collected which is helpful for the community and if needed for related environmental awards programme applications. With this programme, resident's groups tend to return yearly to book what becomes an annual collection. This helps reinforce WEEE recycling as a positive recycling behaviour in the Community.

Recycle IT have been awarded for their efforts in offering residential / household collections in Dublin. In 2022 Recycle IT were awarded Dublin City Council Social Enterprise Award. Their team also provide 65 free individual household collections at the request of a householder or a support service working with the householder (who may not have the means or capacity to arrange).

Apartment WEEE Recycling Project

During 2023 Recycle IT conducted an e-waste collection pilot with apartment complexes across Dublin. This project was supported by WEEE Ireland and with the aim of researching how apartment complexes and recyclers there in, recycle waste electrical equipment.

Recycle IT contacted 490 individual property management organisations, resident groups, housing bodies, and student apartment blocks specifically involved with apartment living in Dublin.

During the pilot project Recycle IT completed 68 collections across 3 categories of apartment living.

- **Private Apartments (which can include social housing) made up 47% of collections**
- **Student Apartment made up 34% of collections**
- **Social Apartment made up 19% of collections**

Recycle IT used email, blog posts and social media to inform and contact apartment dwellers about this recycling initiative. The contact started in July 2022 and continued across 2023. The initiative was aimed at apartment dwellings in South Dublin, Dún Laoghaire-Rathdown and Dublin City Council areas by contacting:

What was involved?

Recycle IT shared their collection guidelines with residents group or management companies.

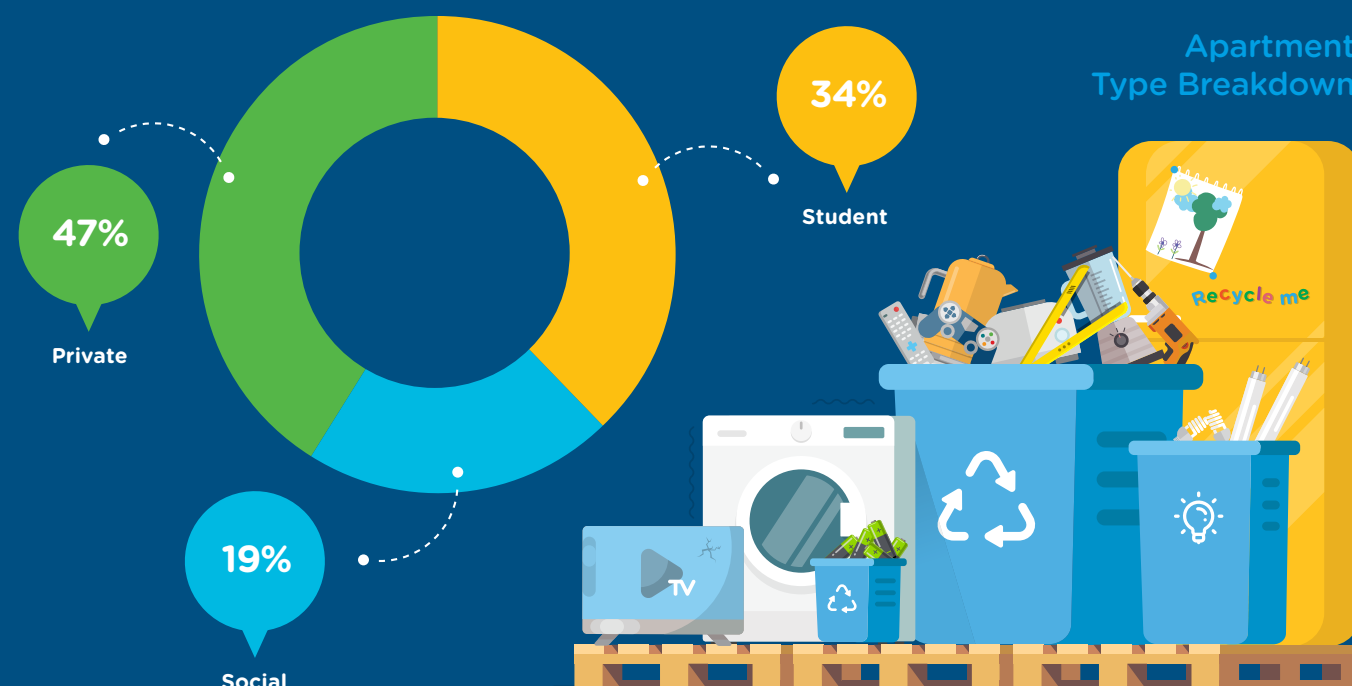
They built a profile of apartment complexes applying for collections including number of apartments, current waste management arrangements, the design of the building, its waste storage area, waste receptacles, staffing, ease of access/egress, named contact, email address and mobile phone number to ensure entry to the apartment complex and where possible photos to help identify site restrictions (e.g. height) This helped guide our collection teams. The pilot ended in June 2023, but they continue to collect from apartments complexes in Dublin.

Ongoing Initiatives

As part of work recycling WEEE, Recycle IT also support WEEE Ireland with battery and bulb recycling from schools, community groups, charities, householders, and small business. Batteries are accepted as part of a WEEE collections and drop off and when speaking and communicating with recycler they specifically ask them to include used batteries/ bulbs as part of a recycling collection or drop off. During 2023 Recycle IT helped safely recycle 23 tonnes of batteries and bulbs for safe recycling.

Results

Recycle IT's initiatives are established to support training and employment opportunities. Through their e-waste recycling work 7 - 10 people a year are learning, rebuilding confidence, self-esteem, and a work ethic.



Apartments

- Email response rate of 11.2% followed by a collection conversion rate of 123% with several sites receiving up to 3 collections during the year.
- Collections have been offered to approx. 11,929 apartments. (Up to June 30th, 2023).
- The weights collected between July 22 and the close of June 23 total 20,021 Kgs.
- Recycle IT completed 68 collections from apartment between July 1, 2022, and June 2023.
- The average weight per collection calculates at 294 kgs per collection.
- The average weight collected is estimated per apartment at 1.67 Kgs.

Residents Associations:

- Promoted collections via Facebook, Twitter (X), Instagram and blog posts
- Contacted over 125 residents' associations.
- Resulting in 82 residents' collections.
- Reach over 28,000 homes and apartments with a WEEE recycling message. (AVG: 350 homes per collection).
- Recycle over 65 tonnes of waste.
- Collect 10,600 items including 745 screens and 500 large household appliances for recycling.

Sustainability Goals 8 and 12

Recycle IT work to promote sustained, inclusive, and sustainable economic growth, full and productive employment, and decent work for all. Recycle IT aim to reduce waste generation through prevention, reduction, recycling, and reuse. The aim of these actions is to encourage change in local and disadvantaged communities where change is not always a priority.

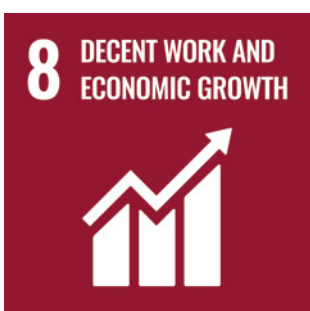
Recycle IT offer training opportunities leading to real jobs for people distanced from the labour market. They pay the living wage to support economic wellbeing in families. Their team collaborates with communities cross Dublin, share information, help reduce waste, and ensure the items they receive can be recycled for reuse through authorised supply chains.



Future Focus

Recycle IT is focused on becoming an environmental hub which creates sustainable employment through the operation of waste initiative fitting with circular economy objectives. This can include sharing, leasing, reusing, repairing, refurbishing, and recycling existing materials and products.

Today Recycle IT is engaged in recycling for reuse. As a first step, they have begun investigating how items they receive might be safely prepared for reuse. They are looking at everyday electrical products which might only be used once or twice a year or seasonally (e.g. tools, gardening equipment, cleaning equipment) Steps involve selecting, accessing, repair, cleaning and testing for reuse.







We'll Take It Back Electrical Retailer Programme - Powering Positive E-Waste Recycling

Consumers of electrics are entitled to free recycling on a one-for-one, like-for-like basis when buying in-store or online, including on delivery – and 54% of WEEE take back was sourced through the retail sector in 2023. This was made possible by an extensive network of 200+ We'll Take It Back nationwide electrical retailers facilitating FREE take back of any household e-waste.

The take back of e-waste through retailers is higher in Ireland than in any other country in Europe. This network of key retailers complements nationwide Local Authority Recycling Centres and is an important programme as part of our National Marketing Awareness Programmes.

Electrical retailers Curry's, DID, Euronics, Expert, Harvey Norman, PowerCity and Soundstore go beyond these regulatory obligations and include free drop-off of all household e-waste and waste batteries in-store with no purchase required, as part of the 'We'll Take It Back' Programme.





The We'll Take It Back Retail Programme was launched in 2014 by WEEE Ireland and industry stakeholders to support electrical retailers across Ireland in their legal obligation to take back WEEE, waste Battery and Lighting Equipment for free from consumers. The marketing element of the programme promotes the idea of retailers as e-waste recycling centres for their customer base. WEEE Ireland work in conjunction with our retail partners to promote We'll Take It Back as a key offering for their customer base.

In return the We'll Take It Back Programme supports retailers to promote free WEEE recycling as part of their overall marketing strategy and as an added value service to their customers to support circular economy.

Through the programme retailers are able go beyond like-for-like, one-for-one take back obligations and include free recycling of all household WEEE and batteries instore as part of their offering.

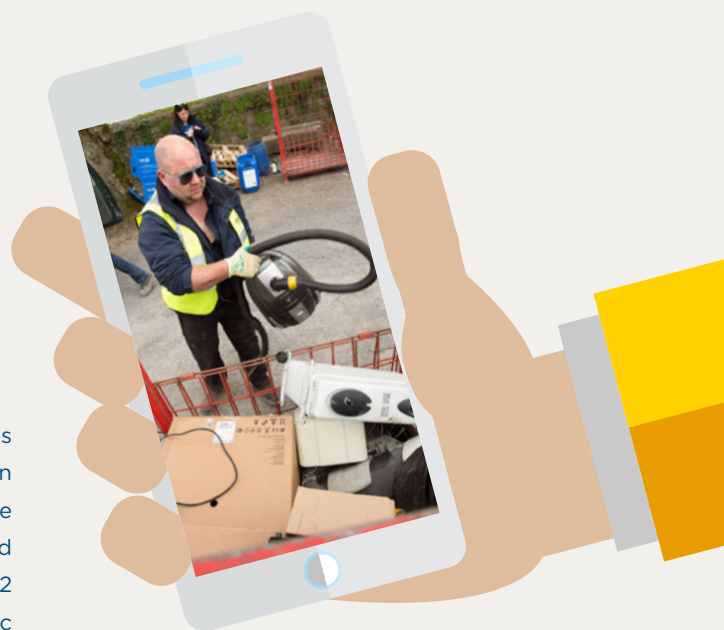
WEEE Ireland promotes this extensive list of retail partners and the programme in all awareness campaigns, our social media messaging in all communications directly with the public about options e-waste recycling. Consumers are directed to our online interactive map at weeeireland.ie

weeeireland.ie has an [interactive map](#) that lists all participating electrical retailers' locations. All awareness campaigns mention the participating electrical retailers and direct the public to this map of their locations.



Public Collection Days

For 2023 WEEE Ireland were once again very active in communities around the country providing free WEEE & Battery Collection Events in towns and villages across the Scheme's dedicated collection area. The weekend events were as busy as ever with over 470 tonnes collected in 2023 while smaller, midweek WEEE collection events generated 282 tonnes of WEEE and Batteries. In total WEEE Ireland held 104 public collection events last year.





18 Year Partnership Delivering A More Circular Irish WEEE Economy

Over 200 million electrical items have been diverted from landfill during WEEE Ireland's 18-year partnership between WEEE Ireland and KMK Metals Recycling in Co Offaly. Together we have collected and recycled more than half a million tonnes of electrical waste since 2005 – the equivalent of 69 Eiffel Towers.

The vital materials recovered from the end-of-life items are available for reuse in manufacturing, resulting in less mining for new materials.

Steel, plastic and glass make up the top three materials extracted, with over 20,000 tonnes recovered annually through KMK's specialised recycling processes in Offaly and Westmeath.

Other valuable and scarce precious metals derived include aluminium, copper and zinc.

Ministers Ossian Smyth and Pippa Hackett visited the KMK Metals Recycling plants in Tullamore and Kilbeggan Monday 23rd January to witness how the collaboration has successfully steered millions of pieces of e-waste away from landfill.

"The scale and sophistication of treatment here is truly impressive. It is vital that these resources are captured, and the critical raw materials reused," said Minister of State Smyth, who has responsibility for Public Procurement, eGovernment and the Circular Economy.

"However, the volume of waste material here shows the massive opportunities that we have to become much more circular. I want to see Ireland making much more of our electronics and electrical appliances before they become waste."

"Through repair and reuse, we can keep these assets in use for much longer and reduce the waste we need to process. This keeps costs down for everyone. Longer lived products also means we extract fewer raw materials from the environment and enhance the security of supply chains."

Leo Donovan, CEO of WEEE Ireland, said *"Old electronics are an incredibly rich source of precious metals and other raw materials that are often very difficult to extract from the earth. Since 2005, KMK's recycling facilities have been the anchor point for our successful Irish WEEE management system across the country."*

"Through hard work and extensive investment, together we have developed a national recycling and material recovery infrastructure, giving us world-class EN 50625 certified e-waste facilities in Ireland."



Leo Donovan CEO WEEE Ireland and Minister Ossian Smyth pictured at the tour of the KMK Metals Recycling EPA-Licensed facilities in Tullamore and Kilbeggan



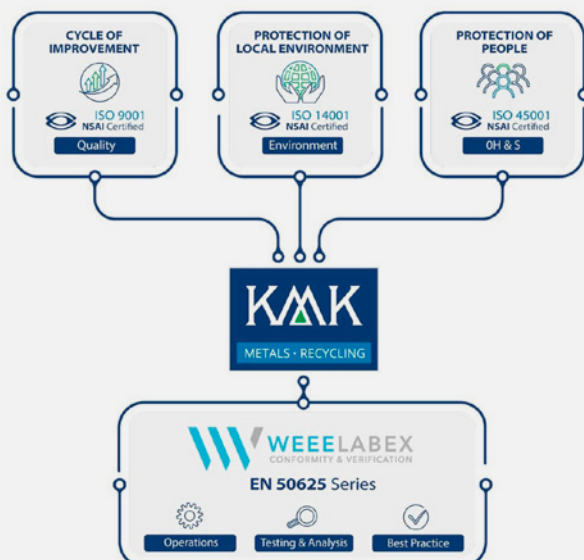
The top three categories of e-waste recycled through KMK during 2023 were large household appliances (16,000 tonnes), small appliances (11,000 tonnes) and TVs/monitors (3,000 tonnes). These were collected through a diverse network of retail collection points, civic amenity sites and WEEE Ireland free public collection events.

As the only dedicated waste battery sorting and management facility in Ireland, KMK also collected and segregated over 18,000 tonnes – the equivalent to nearly a billion AA batteries – on behalf of WEEE Ireland since they began working together under the European Battery Directive obligations in 2008.

Minister of State with responsibility for Land Use and Biodiversity, Pippa Hackett said *“This is a great example of how companies working together can achieve positive results. They have embraced the green transition and have also provided stable, secure employment in the Midlands.”*

“KMK Metals Recycling are at the forefront in ensuring that the valuable raw materials used in the production of electrical goods are being recycled and given a new lease of life supporting a more circular economy,” said Kurt Kyck, MD of KMK Metals Recycling.

“Hazardous materials, particularly in older appliance types, need safe environmental depollution. And this must be carried out in EPA-licensed specialist recycling plants and not in general metal shredding facilities.”

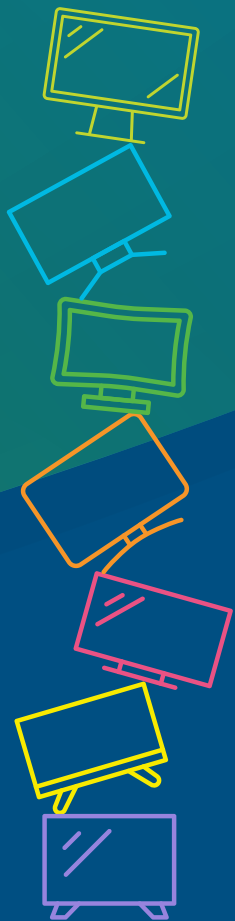


[image courtesy of KMK Metals Recycling]



WEEE Ireland and KMK Metals were delighted throughout 2023 to welcome a number of officials from DECC divisions - including Waste Policy, Circular Economy and Geoscience - to view circularity in action at the world-class EN 50625 certified e-waste recycling facilities at KMK Metals Tullamore and Kilbeggan.





Screen Feature: Automated Treatment of FPDs: a solution developed in Ireland

Development of Robotic Application

Votechnik¹⁶'s ALR4000 is a unique piece of engineering, being a self-contained plant for the processing of waste Flat Panel Displays or FPDs. Standing five metres tall with a 12X7 metre footprint in white armour façade, it is at the forefront of deep technology, as FPDs for years have posed a massive challenge to recycle efficiently at scale due to the variation and complexity of their structure. The ALR4000 utilises KUKA's Quantec robot at the heart of the machine and complex interplay of programming and sensors to surpass the challenge.

Process Description

The ALR4000 depollutes the FPDs of the hazardous materials in a fast process that allows the remainder to be shred, quickly liberating the valuable material. The process is akin to keyhole surgery where the FPDs are scanned, and specific incisions made to target the liquid crystal glass panel and the cold cathode fluorescent tubes which contain hazardous substances. See figure 1.

Quality Considerations and Management of Hazardous Components

The hazardous substances include liquid crystals and toxic mercury which must be removed from FPDs according to EU WEEE legislation. The machine separates these for safe capture while the entire machine is under negative air pressure to ensure a safe environment for all.

Suitable Incoming FPD Materials

ALR4000 is designed to process LCD and LED TVs and monitors giving it a wide range of processing capability. The system has a number of programmes to assist in processing challenging or damaged FPDs.

Machine Capabilities

- Designed to process 60 FPDs per hour which is 20 times capacity increase compared to manual labour
- Designed to process FPD Size range 12"- 90" displays LED/LED TVs and PC Monitors
- Designed to achieve $\geq 90\%$ success rate for incoming materials
- Designed to address the specific requirements of the WEEE directive
- Highest standards qualified including CE mark and European machinery directive compliance

KMK Metals Recycling Experience, Testimonials and Recycling Rate Achieved

KMK Metals Recycling and Votechnik have fostered a long-term relationship together with a desire to see Ireland at the forefront of recycling and technology. KMK Metals Recycling being the national recycler is enabling the recycling and materials recovery from Ireland's waste electronics, which is no easy feat. The company is focused on a zero to landfill policy regarding the incoming material and were at the coal face of the challenge regarding FPDs where manual processing was too slow and uneconomical, resulting in the export of FPDs from Ireland. KMK's adoption of the ALR4000 gave the company the ability to bring the recycling of FPDs inhouse, saving on the transport and export of shipments as well as associated carbon footprint savings. Processing over 45 tonnes of FPDs per week, utilising the ALR4000 as part of this process, and achieving an overall recycling and recovery rate of 96.93% from their downstream sort and separation process, KMK Metals Recycling is leading the way to the circular economy.

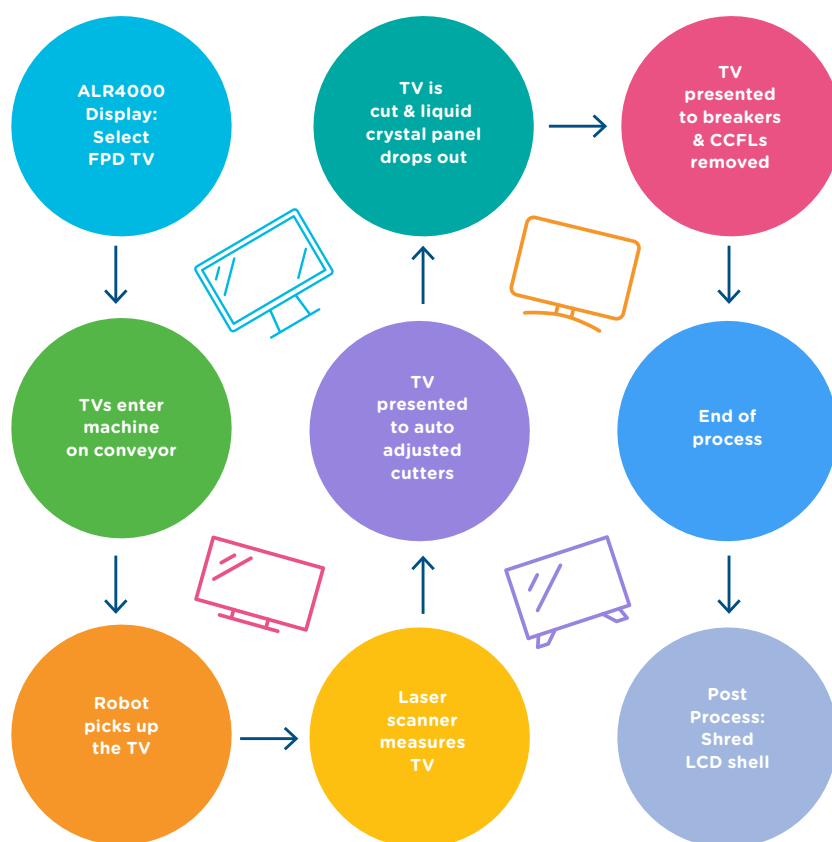


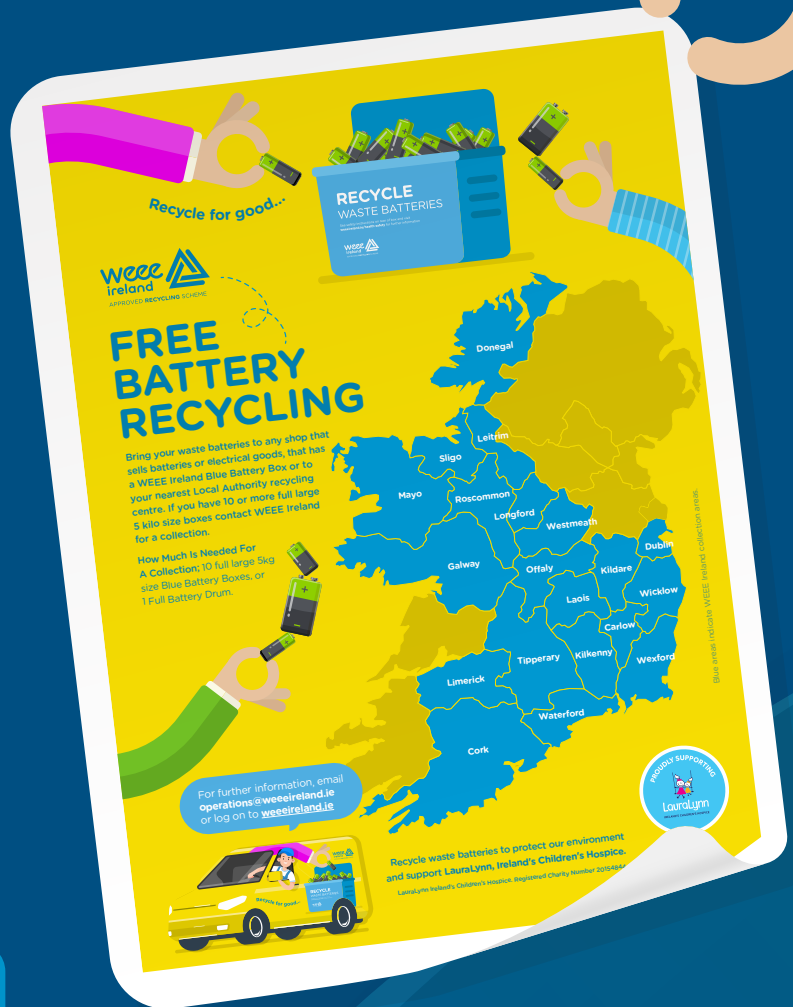
Figure 1. process flow for the ALR4000 showing the key steps involved in processing a FPD television

Battery Operations

“ In 2023 WEEE Ireland achieved a

49%

waste portable battery collection rate on behalf of Members, once again surpassing the EU target of 45%¹⁷ ”

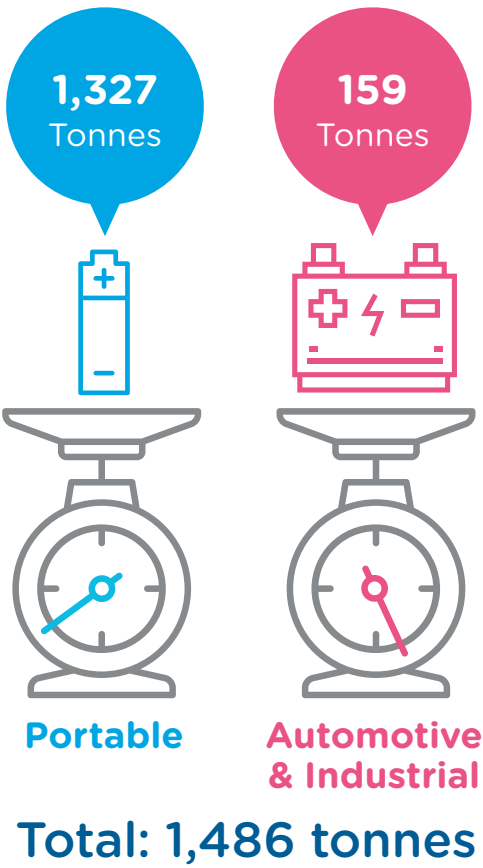


All portable waste batteries can be collected/treated free-of-charge under the **WEEE Ireland Battery Collection Scheme**



¹⁷ The collection rate is calculated on the basis of the total weight of portable waste batteries (PWB) collecting 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: Collection rate $yi = \text{PWB collected}yi / ((\text{PoM } yi + \text{PoM } yi-1 + \text{PoM } yi-2) / 3)$.

Takeback by Battery Type

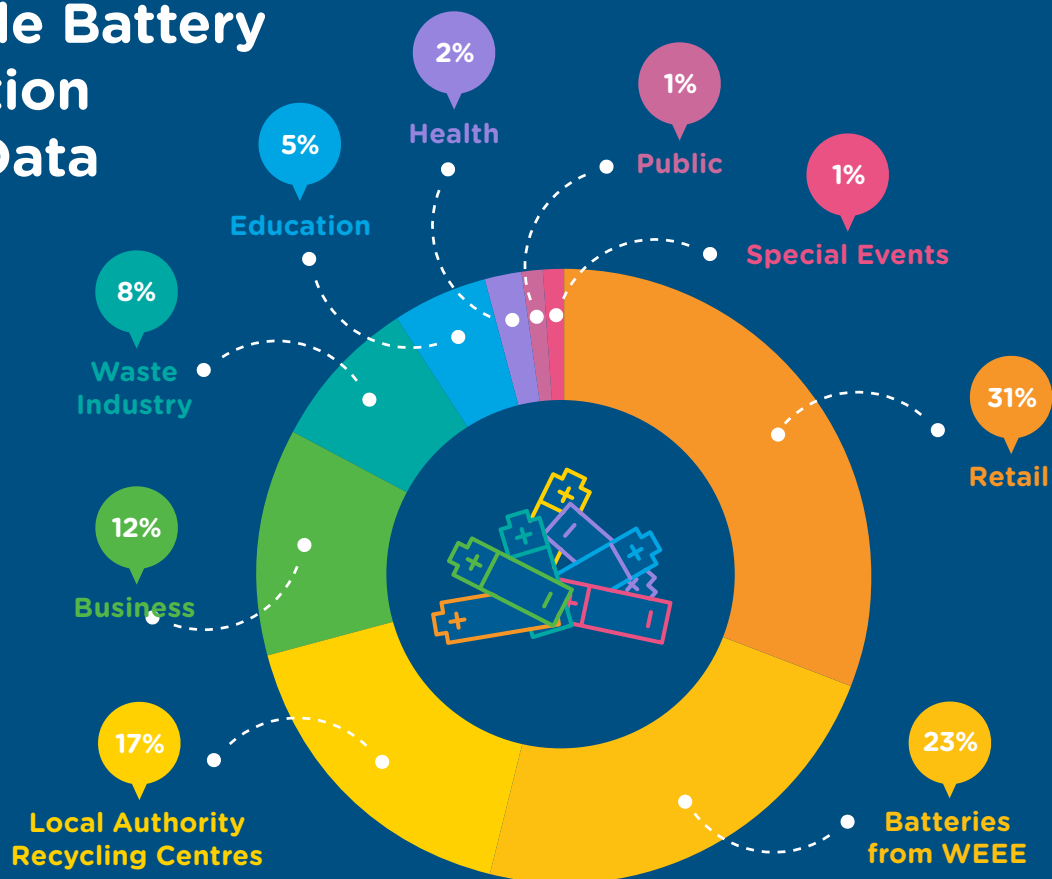


1,327 tonnes of portable batteries are the weight equivalent of more than

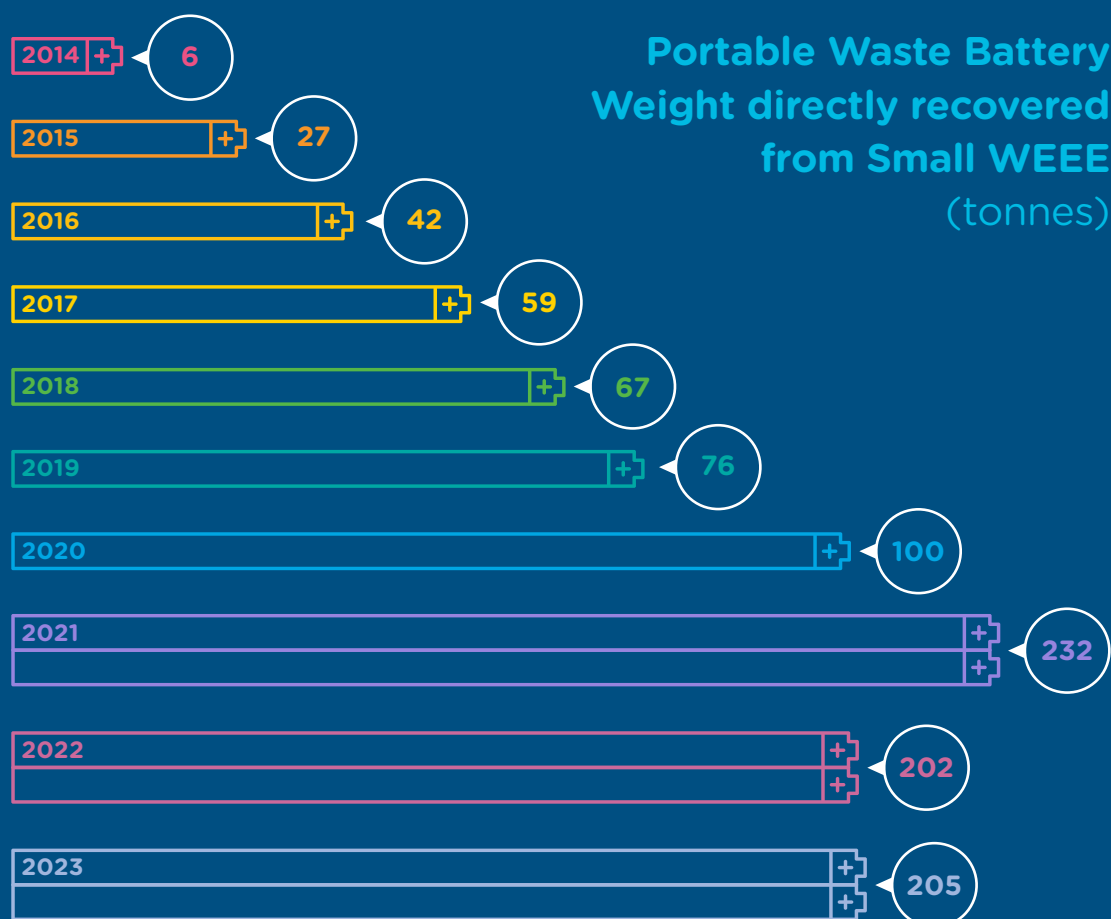
66 million AA batteries



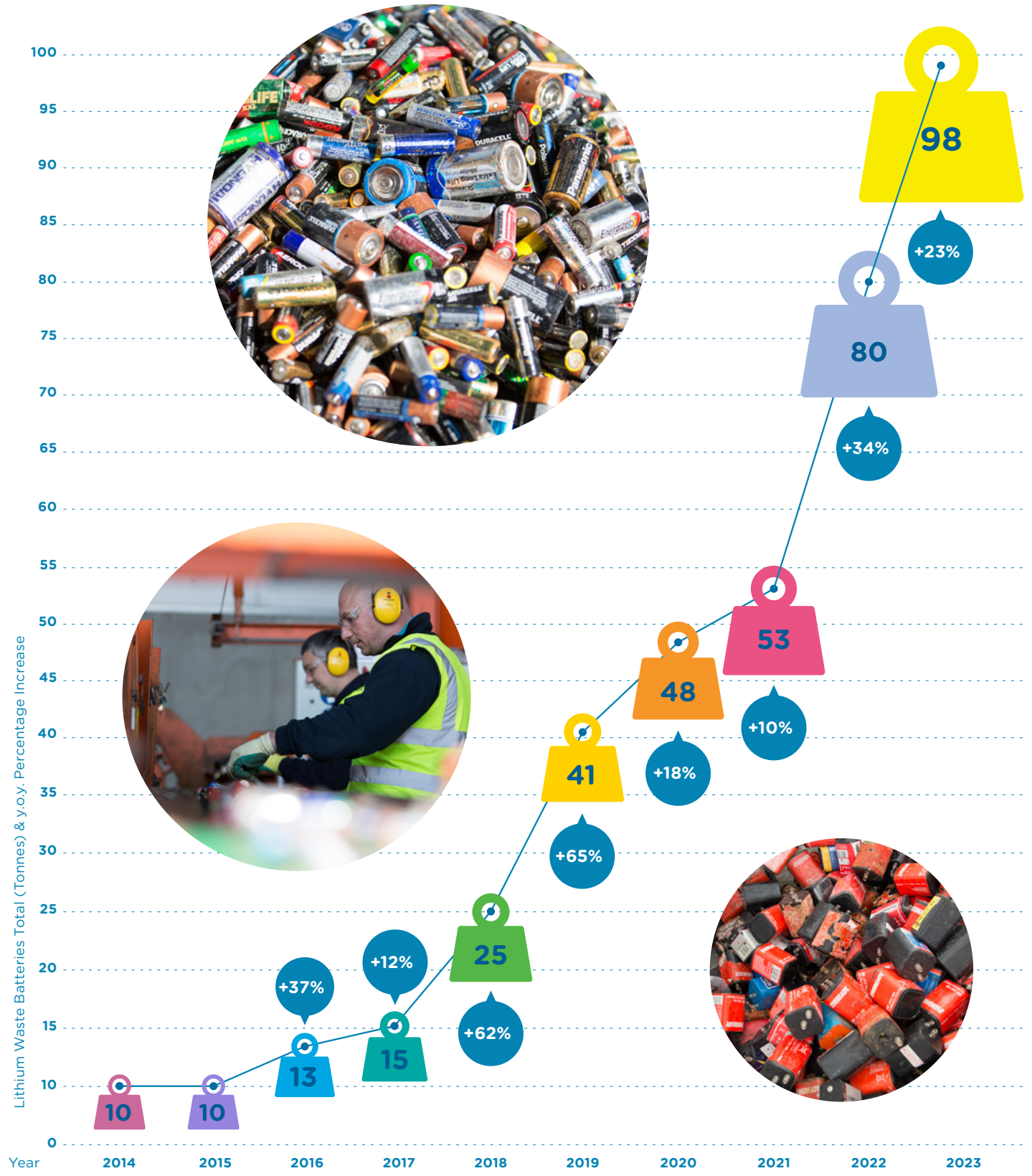
Portable Battery Collection Point Data



Batteries in WEEE



Waste Lithium Batteries



Benchmarking

“ Close to one-half (48%) of the portable batteries and accumulators sold in the EU were collected for recycling in 2021. From 2009 to 2021, the collected amount doubled. ”

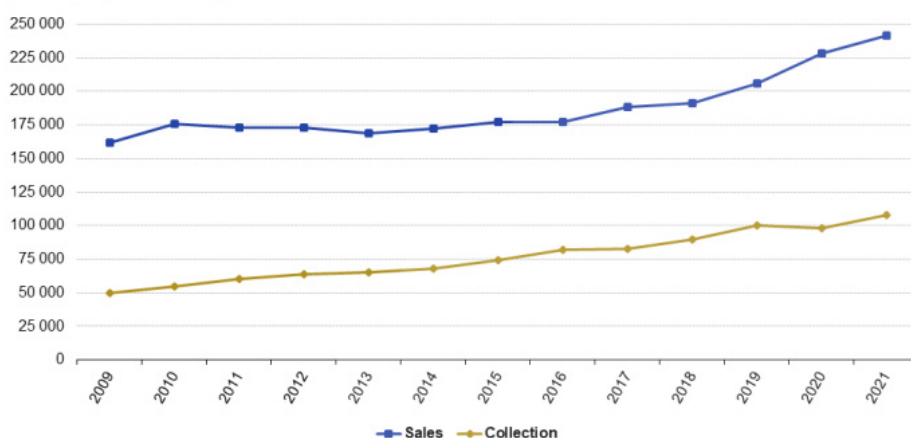
(Eurostat 2023¹⁸)

48%

Collected



Sales and collection of portable batteries and accumulators
(tonnes, EU, 2009-2021)



Note: Eurostat estimates 2009-2014 and 2021.
Source: Eurostat (online data code: env_waspb)

eurostat

¹⁸ Waste statistics - recycling of batteries and accumulators - Statistics Explained (europa.eu)

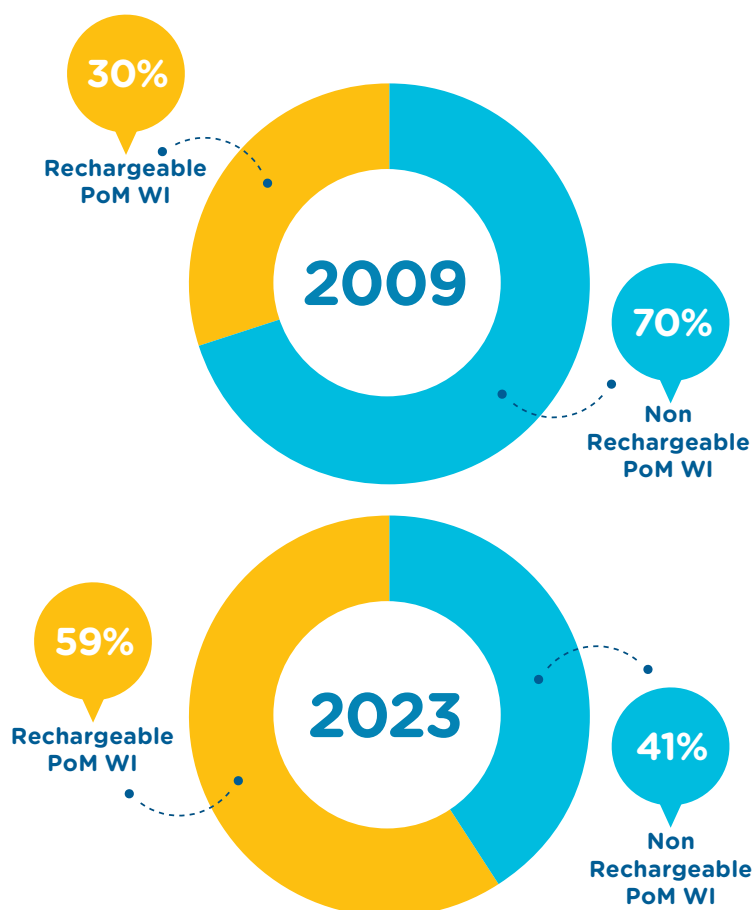
Battery Recycling: Charging Ahead

The WEEE Ireland Batteries Scheme continues to deliver on target achievements on behalf of Producer Members, from the initial full year collection activity in 2009 generating 151 Tonnes of waste portable batteries collected and recycled to over 1,300 Tonnes in 2023.

The battery landscape has changed dramatically over these years with significant increase in the volumes being placed on the market. As technology advances and daily work and life practices change, the types of batteries being presented for recycling are also changing. This can present challenges to collection and recycling systems from the risks posed by certain batteries, the operational requirement to remove batteries from EEE devices prior to recycling and the important regulatory and safety practices to sort, separate, package, transport, and report on different waste battery types.

There has been a 98% Increase in WEEE Ireland Members Placed on the Market volumes of Portable Batteries since 2009.

The ratio of Rechargeable to Non rechargeable batteries placed on the market has changed dramatically in those years.



Overall volume increase PoM



Battery Operations Fleet

During 2023, we increased the WEEE Ireland Battery Merchandiser fleet from three to four full time staff, with all drivers using small Caddy vans to facilitate collections. This team focuses on individual retailer, business, schools and other collection points for waste portable and farm fence industrial batteries that can't be facilitated by our larger bulk and WEEE collections.

As well as collecting waste batteries, this team 'merchandises' collection points with Blue Battery Boxes and other suitable containers, provides promotional and safety collateral, and engages with collection points for support and guidance where needed. Importantly the vans are equipped with equipment to manage damaged batteries and carry a stock of all collection units including drums, 'My Battery Boxes' and Blue Battery Boxes for distribution.



As part of the move to increase collections in line with increased demand and targets, many retail collection points had their battery collection units upgraded to larger takeback units during 2023. This raised the average collection volume per collection point visit to 46kg during the year.

The Merchandiser team directly collected
325 Tonnes
of Portable batteries from 7100 collections
in 2023!

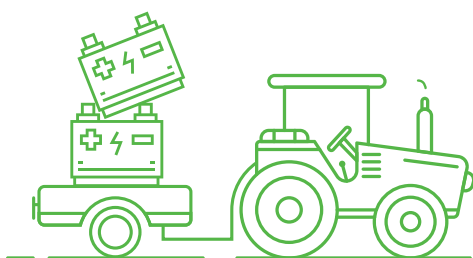
The Merchandiser Fleet operates directly from the WEEE Ireland Battery Operations in-house IT system BATTSYS. From the logistics and route planning dashboard, we schedule the collection programme which the drivers access in real time via a phone app. This tool improves efficiencies for both the Operations support team and driver, helping them interact with collection points, schedules, requests, contact information and photos in a timely manner and eliminating paperwork.



Civic Amenity Sites and Bulk Battery Collections

In 2023 the Battery team introduced a new bulk collection unit, primarily aimed at Local Authority Civic Amenity Sites. The upgraded units included new covers over the opening due to weather conditions and also include a section specifically for small WEEE containing batteries.

The CAS unit is designed to contain six UN-approved drums, supporting compliance with carriage of dangerous goods requirements and contributing to more efficient take back volumes.



Following the successful introduction of bespoke Farm fence battery recycling containers, WEEE Ireland has continued its engagement with the Agri sector.



WEEE Ireland collected

141 Tonnes
of waste farm fence batteries in 2023.



Vape Challenges

In 2023 WEEE Ireland implemented a dedicated takeback programme for the collection and recycling of waste e-cigarette and vape devices. New collection points have been established in the hospitality sector and a growing network of vape retail stores. Most vapes contain a lithium polymer battery and their takeback and sort separation for further treatment is coordinated through the battery system at WEEE Ireland.

In 2023 the Scheme collected nearly

17 Tonnes

of waste vape devices for recycling.

This equates to approximately

750,000

devices!



Increasing Takeback: Focus Areas 2023/2024

- Dedicated Vape takeback programme
- Integrated batteries in power tools and gardening equipment, improving takeback rates with wholesale distributors and trade end users
- Waste Industry, with IWMA (Irish Waste Management Association) and CIF (Construction Industry Federation), to raise awareness of waste battery recycling and safety measures
- Light Means of Transport Batteries (LMT) and the provision of appropriate collection containers to ebike stockists

The WEEE Ireland Waste Portable Battery Takeback Programme is available not only to retailers and schools, but also to offices and places of work, depots and logistic hubs, state and semi state bodies, emergency services, the construction and leisure sectors in the designated collection area. Interested Collection Points should contact Operations@weeeireland.ie



Waste Lithium Batteries Health & Safety Workshop

On November 2023, WEEE Ireland, in partnership with KMK Metals Recycling, carried out a Battery Safety Workshop. The workshop had a strong operations stakeholder representation with 55 attendees from organisations including IWMA, CIF, HSA, Emergency Services and Local Authorities. The goal of the event was to provide an understanding of lithium battery risks, safe storage practices, legislative updates, environmental and occupational safety concerns, firefighting protocols, and practical safety solutions.



The seminar covered:

Safe Storage of Lithium Batteries

Comprehensive instructions and discussions highlighting the best practices for safe storage.

New Legislation PGS 37.2 for Buildings and Compartments

Insights into the latest regulations ensuring safer handling and storage within buildings.

Environmental and Occupational Safety Concerns

Addressing environmental impact and risk mitigation strategies, along with occupational safety measures.

Firefighting and Disaster Management

Detailed discussions on firefighting protocols and disaster management specific to lithium battery incidents.

Implementation of Safety Solutions by Van Peperzeel in the Netherlands

An in-depth look at safety solutions, particularly concerning electric vehicles, e-bikes, and consumer lithium battery devices.



WEEE Ireland requests Members and Stakeholders contact the WEEE Ireland battery team directly if they require further information on Lithium battery safety, preventative measures, and Lithium fire suppression equipment. Operations@weeeireland.ie

It is important to note that some fire extinguishing equipment in the workplace today may not be effective when dealing with Lithium battery fires.

WEEE Ireland Reminds the Agricultural Sector to Recycle Farm Fence Batteries

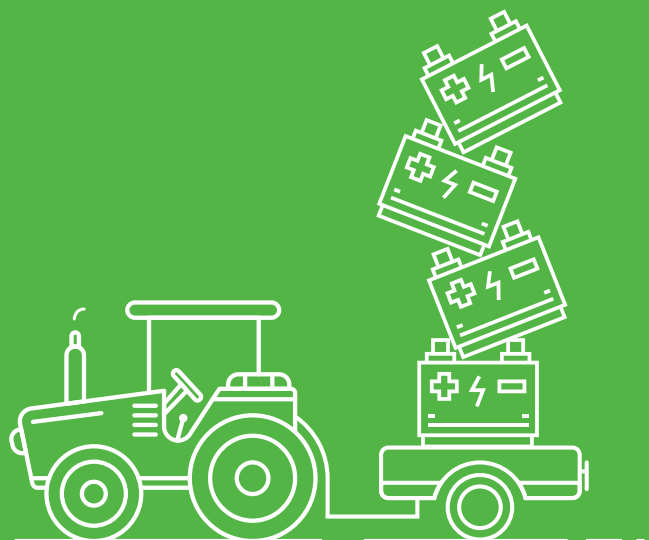


The WEEE Ireland Farm Fence Battery Recycling national advertising and awareness campaign returned in 2023. The campaign ran on key Agri sector media, with campaign assets/POS provided to Farm Fence Battery Retail and Local Authority Collection Points. Our 2023 Spring burst of the campaign was launched with a national and regional PR campaign highlighting the success of the take back network facilitated by our collection point partners, Producer Members and Ministerial support.

Speaking of the importance of farmers recycling batteries, Minister of State with responsibility for the Circular Economy at the Department of the Environment, Climate and Communications, Ossian Smyth T.D., said: *"We are reminding farmers that they can return their used farm fence batteries for free recycling at the point of purchase or through co-ops or local authority recycling centers."*

"This will help Ireland achieve our national battery recycling target. Batteries contain valuable raw materials, and recycling these materials will help Ireland to transition to a circular economy, where waste is minimised, and products are kept in use for as long as possible, through design, repair and reuse."

Pippa Hackett, Minister of State at the Department of Agriculture, Food and the Marine, said: *"I am delighted to support this campaign by WEEE Ireland to encourage farmers to recycle their old batteries for free. I would encourage all farmers to have a quick look around their farmyard and collect up any used batteries and bring them to their co-op, or wherever they are buying batteries, the next time they are going there. This is a free, simple and effective way for farmers to help the environment and keep their yards tidy at the same time."*

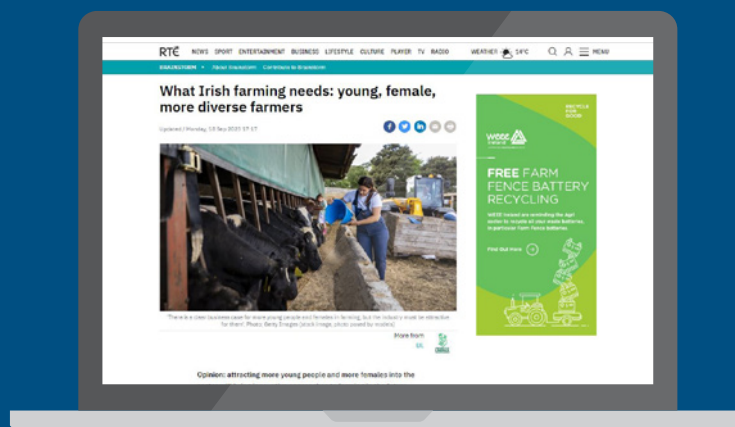




WEEE Ireland is committed to helping the agricultural sector continue to meet their Battery EPR obligations by providing a convenient and free recycling solution. It's crucial to recycle all waste batteries correctly as they may contain harmful substances that can result in heavy metals and chemicals leaching into the environment, contaminating water and soil sources and affecting wildlife, livestock and humans. Farm fence batteries can be dropped off for free recycling at any local authority recycling centres or where they were purchased for collection by WEEE Ireland all year round.

Suppliers of farm fence batteries are required to accept waste batteries back for free recycling from their customers. To facilitate take back of these projects, new WEEE Ireland Farm Fence waste battery containers were made available to co-ops and Agri supply companies - with instructions to shrink-wrap or strap the batteries collected to pallets prior to collection, for safe recycling. A minimum of one pallet stacked three rows high is required for a WEEE Ireland free collection.

All WEEE Ireland Battery Recycling campaigns aim to educate battery end users to handle and dispose of all batteries safely and regularly to prevent potential hazards.



Resource Recovery Results

“ From 18 August 2025, WEEE Ireland shall achieve the target for, recovery, and recycling efficiencies as set out in the 2023 Batteries Regulation ”

(draft Scheme Approval 2024-2027)



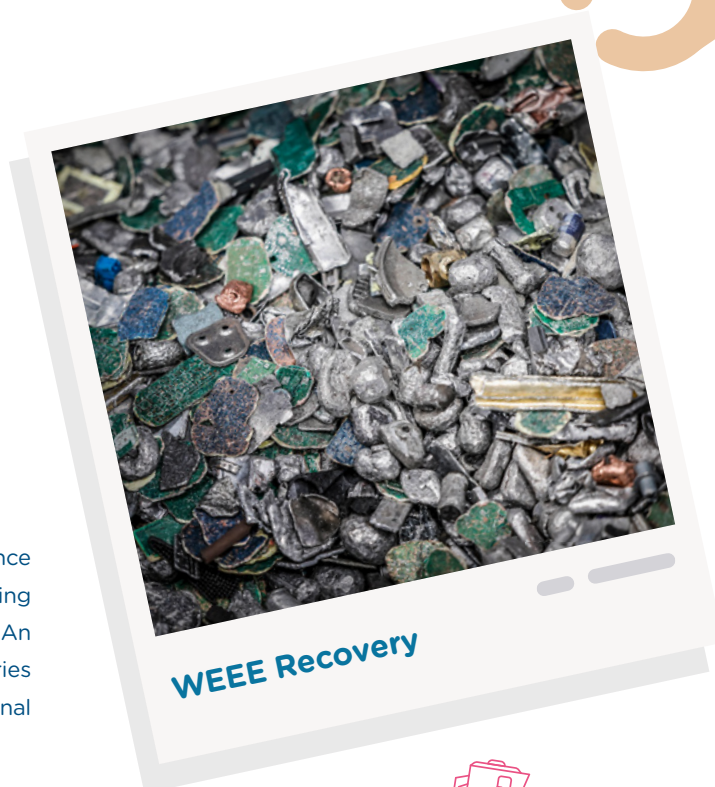
Waste Batteries are collected and transferred to dedicated sorting plant at KMK Metals Recycling in Tullamore. They are separated and packaged according to type and chemistry with special precautions taken for waste and damaged lithium batteries. Waste batteries are shipped under the appropriate controls to downstream specialist facilities detailed in the recycling efficiency table. A separate recycling efficiency report is provided to the DECC annually.

WEEE Ireland Battery Recycling Efficiency Report 2023

Recycler	Location	Battery Type	EWC	Batteries Exported (T)	Recycling Efficiency %	Target
H.J. Enthoven & Sons Ltd	U.K.	Lead-acid	16 06 01*	685.20	88%	65%
Accurec	Germany	Nickel cadmium	16 06 02*	71.43	80%	75%
Accurec	Germany	Nickel-metal Hydride	16 06 05	9.41	72%	50%
Redux (Bremerhaven)	Germany	Lithium-ion	16 06 05	27.8	73%	50%
Accurec	Germany	Lithium-ion	16 06 05	53.78	60%	50%
Accurec	Germany	Lithium metal	16 06 05	25.56	56%	50%
Redux (Bremerhaven)	Germany	Alkaline	16 06 04	162.24	96%	50%
Redux (Revatech)	Germany	Alkaline	16 06 04	354.23	51%	50%
Redux (Bremerhaven)	Germany	Fence Batteries	16 06 04	102.73	76%	50%
Redux (Offenbach)	Germany	Fence Batteries	16 06 04	27.15	100%	50%
Redux (Bremerhaven)	Germany	Nickel-metal Hydride	16 06 05	4.40	97%	50%

WEEE Ireland WEEE Recovery Rates 2023

WEEE Ireland component material recovery performance exceeds the required target in all categories supporting resource efficiency and circularity in the WEEE sector. An average of 96% of material across the WEEE categories was recovered for use again in manufacturing or final energy recovery.

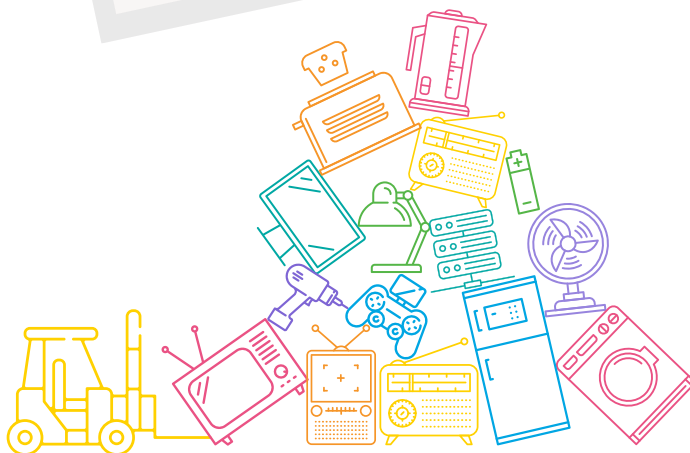








Across all categories an average of

80% 96%

of material was
recycled and

recovery rate
achieved.



Category	1	2	3	4	5	6
						
Description	Temperature Exchange Equipment	Screens & Monitors	Lamps	Large Equipment	Small Equipment	Small IT&T
EU Target Component Material Recycling & Reuse	80%	70%	80%	80%	55%	55%
WEEE Ireland Component Material Recycling & Reuse	82%	72%	83%	84%	68%	85%
EU Target Recovery Rate	85%	80%	n/a	85%	75%	75%
WEEE Ireland Recovery Rate	99%	97%	98%	94%	92%	99%






WEEE Standards for Critical and Strategic Material Recovery

Declaration on EN 50625

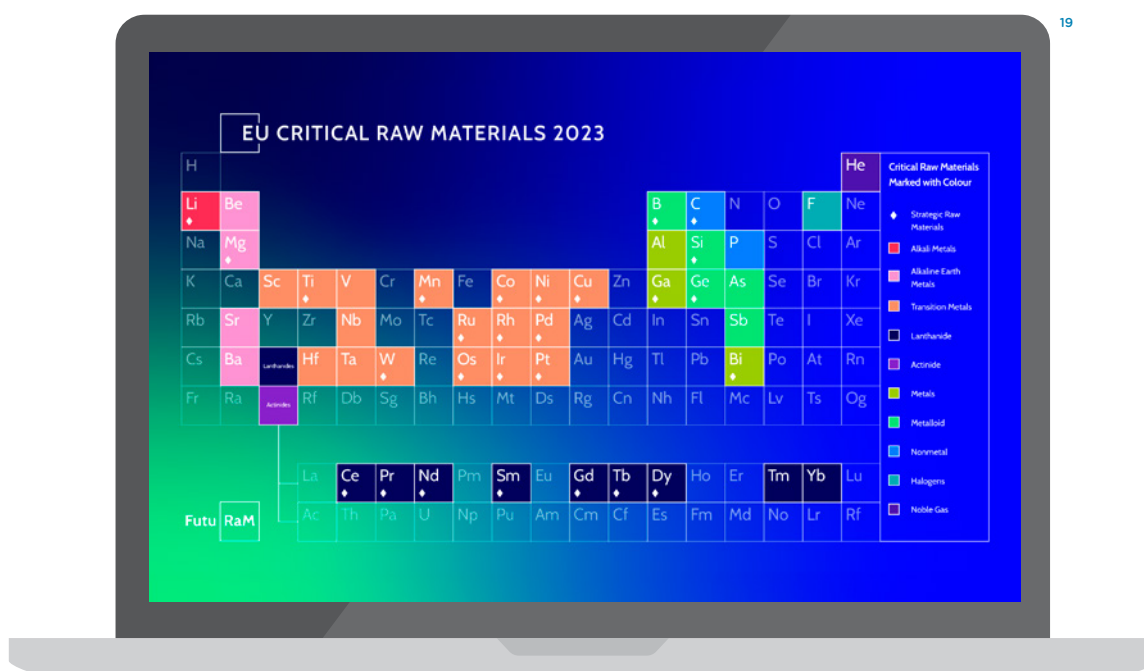
WEEE Ireland is committed to promoting Quality Treatment Standards as an important driver for validated environmental management and resource recovery from Producers of Irish e-waste. In Ireland Producers and WEEE Schemes must treat WEEE to the EN 50625 standard and this is explicitly noted in the Scheme approval.

The Scheme actively supports the requirement for EN50625 series certification for WEEE treatment by Producers and those working on their behalf not only in Ireland where this mandate already exists but throughout Europe.

WEEE Ireland takeback of whole appliances are treated in the following facilities:

CATEGORY	DESCRIPTION	RECYCLING FACILITY	CERTIFICATION STANDARD	
1	Temperature Exchange Equipment	<ul style="list-style-type: none"> • GAP • AO Recycling • Enva Toomebridge (sub contractors to KMK Metals Recycling) 	EN 50625-2-3; Temperature exchange equipment.	
2	Screens	<ul style="list-style-type: none"> • KMK Metals Recycling 	EN 50625-2-2; Displays (CRT, FPD)	
3	Lamps	<ul style="list-style-type: none"> • Irish Lamps Recycling 	EN 50625-2-1; LAMPS	
4	Large Appliances	<ul style="list-style-type: none"> • KMK Metals Recycling • Irish Lamps Recycling 	EN 50625-1; General Treatment and depollution requirements, LHA	
5	Small Appliances	<ul style="list-style-type: none"> • KMK Metals Recycling 	EN 50625-1; General Treatment and depollution requirements, Mixed WEEE	
6	Small IT&T	<ul style="list-style-type: none"> • KMK Metals Recycling • Wisetek 	EN 50625-1; General Treatment and depollution requirements, IT&T	

During 2023 WEEE Ireland and the WEEE Forum continued to advocate for mandatory standards across all Member States and their use by Producers, compliance schemes and operators.



“ Critical raw materials including lithium and rare earths are likely to soon be more important than oil and gas, as Europe aims for a zero-carbon future.²⁰ ”

The development of the Critical Raw Materials Act throughout 2023 further underlined the importance of quality recycling of WEEE and waste batteries, stopping the leakage of unreported and unauthorised e-waste flows and supporting innovation in recycling and recovery solutions. With 25% of critical and strategic materials required from recycling systems in Europe by 2030, there is no room for improper WEEE management in Ireland.

Over the last 2 decades WEEE Ireland has developed national takeback systems that support indigenous recycling facilities, creating a line of sight process for Irish e-waste that sustains local employment and encourages investment in best practice and technology developments.



¹⁹ <https://weee-forum.org/projects-campaigns/futuram/>

²⁰ <https://www.euronews.com/business/2023/03/07/europe-in-race-to-secure-raw-materials-critical-for-energy-transition>

Environmental Footprint

“ In 2023,
the equivalent of
222,852 tonnes
of CO₂ emissions
were avoided by
recycling e-waste
through the
WEEE Ireland
Scheme as opposed
to landfilling. That
is the equivalent of
the annual carbon
consumption of
4,457
hectares of trees²¹. ”

The WEEE collected by WEEE Ireland
for recycling in 2023 has recovered:

**220,083 tonnes
of Iron**

This is equivalent to

2.75 Eiffel Towers in Paris

or

**825 tonnes
of Copper**

This is equivalent to

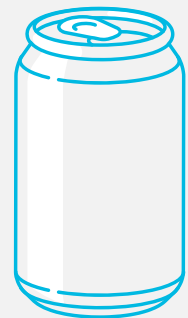
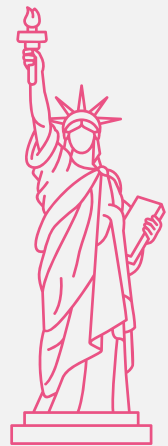
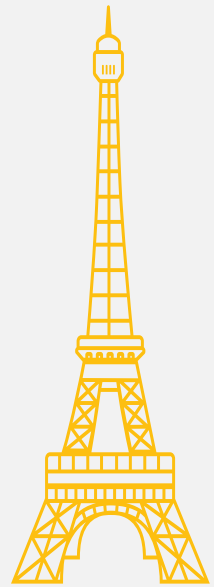
9.17 Statues of Liberty

or

**965 tonnes
of Aluminium**

This is equivalent to

64,334,756 cans²²



²¹ based on average yearly uptake of CO₂ of a hectare of Pinus Halepensis

²² WEEE Forum CO₂ footprint tool. Dataset assumes the following metrics:
Building the tower required 7,300 tons of iron.

Source: <https://www.livescience.com/29391-eiffel-tower.html>

The statue of liberty used ~90 tonnes of copper.

Source: https://www.copper.org/consumers/arts/2008/february/Statue_of_Liberty.html;
https://www.copper.org/education/liberty/liberty_design3.html

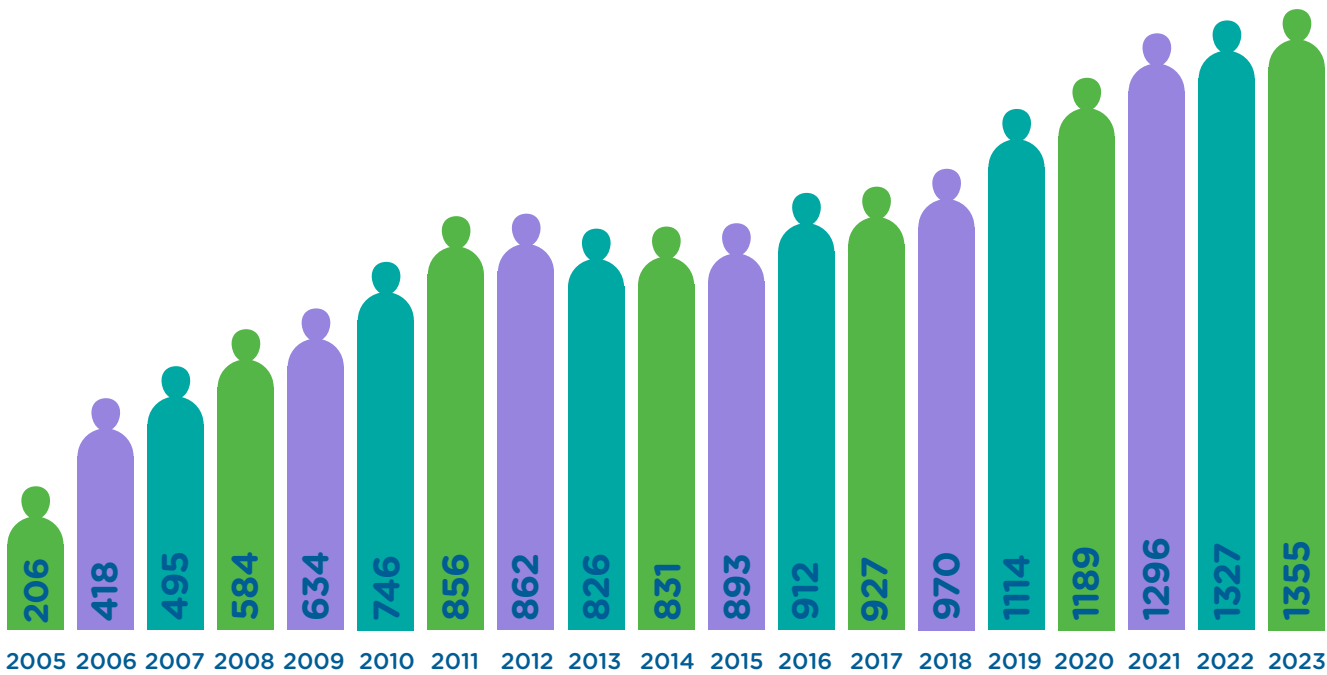
Average weight of a 33 cl can is 15 grams

Membership & Environmental Compliance

Membership Results

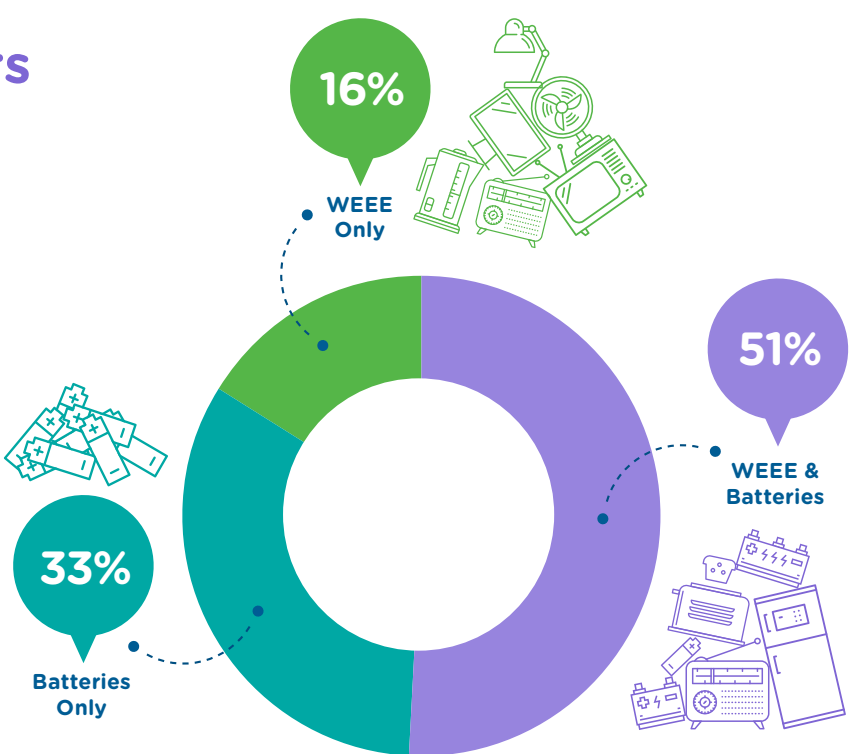
“ By 31 December 2023 WEEE Ireland had 1355 Members, including 111 new Producers who registered with the Scheme during the year. ”

281 Members of the WEEE Ireland Scheme had Authorised Representatives in place, enabling European manufacturers and importers to deliver on their Producer responsibilities in Ireland, an increase again on the previous year. 81 Producers in 2023 deregistered from the Scheme with reasons including mergers, takeovers or exiting the marketplace.

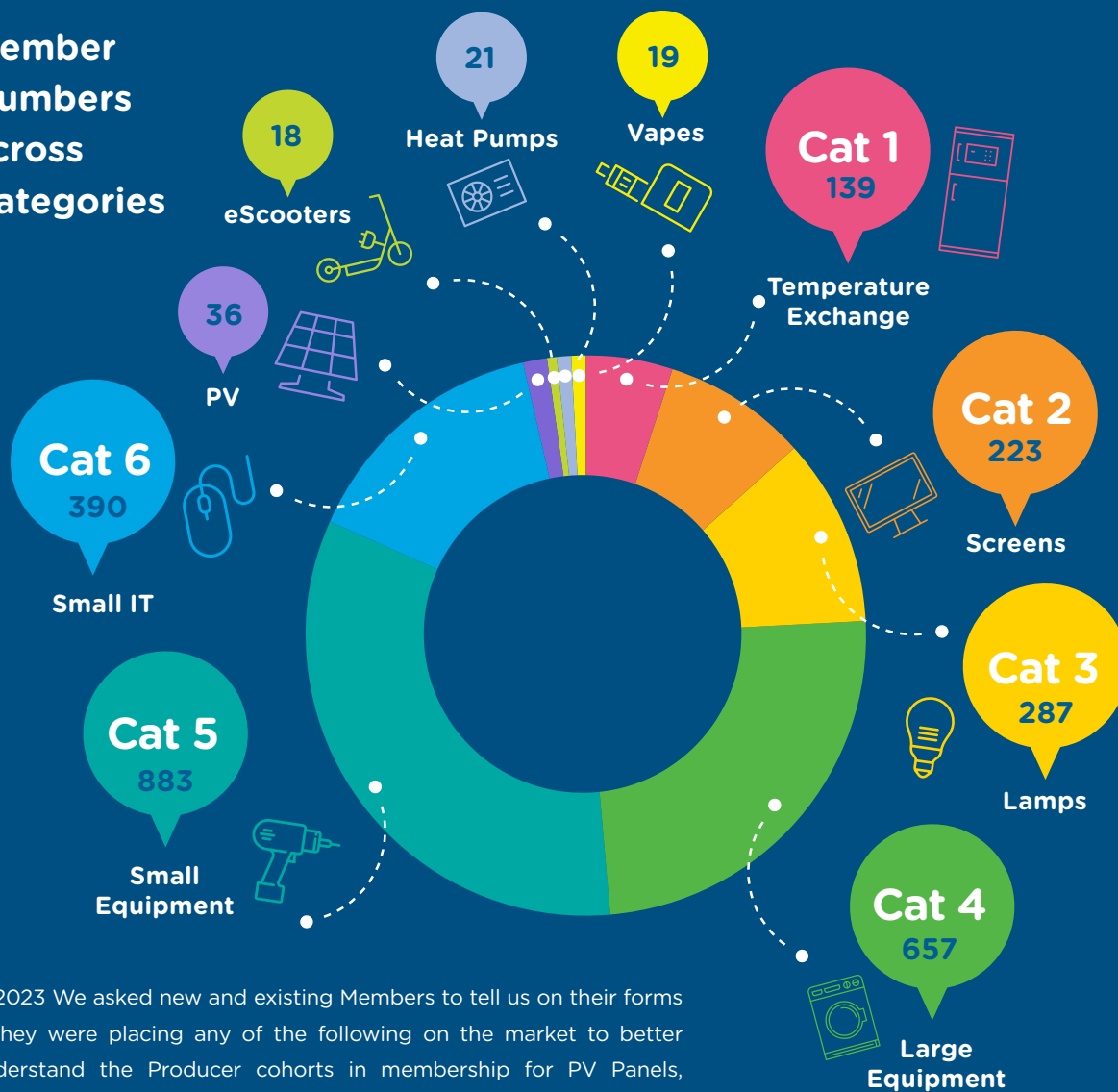


WEEE Ireland Producer Members by Type

Since 2008 the Scheme has offered compliance solutions to Producers of EEE and Batteries onto the Irish market. The majority of Members are certified for both streams. WEEE Ireland supports Producers of household and dual use (B2C) EEE and all types of Batteries – Portable, Industrial and Automotive in their EPR obligations onto the Irish market. We are developing our systems and solutions in 2024 to incorporate requirements for new categories of batteries including Light Means of Transport (LMT) and electric vehicle (EV) batteries.

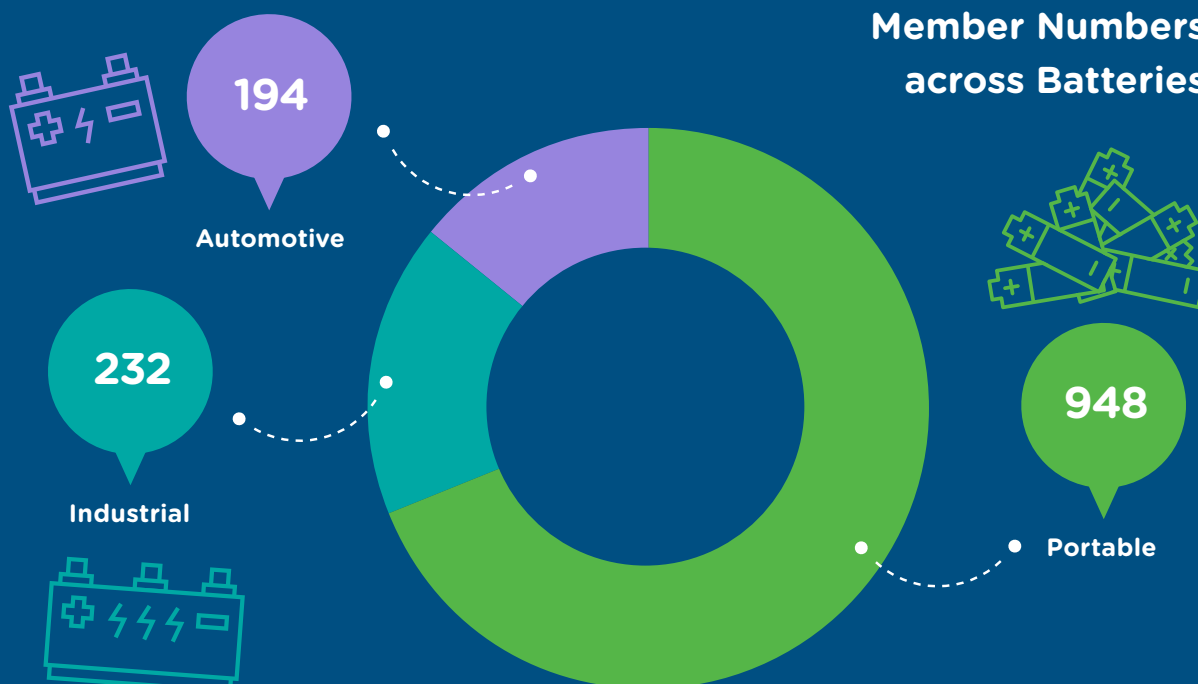


Member Numbers across Categories



In 2023 We asked new and existing Members to tell us on their forms if they were placing any of the following on the market to better understand the Producer cohorts in membership for PV Panels, E-scooters, Heat Pumps and Vapes/E-cigarettes

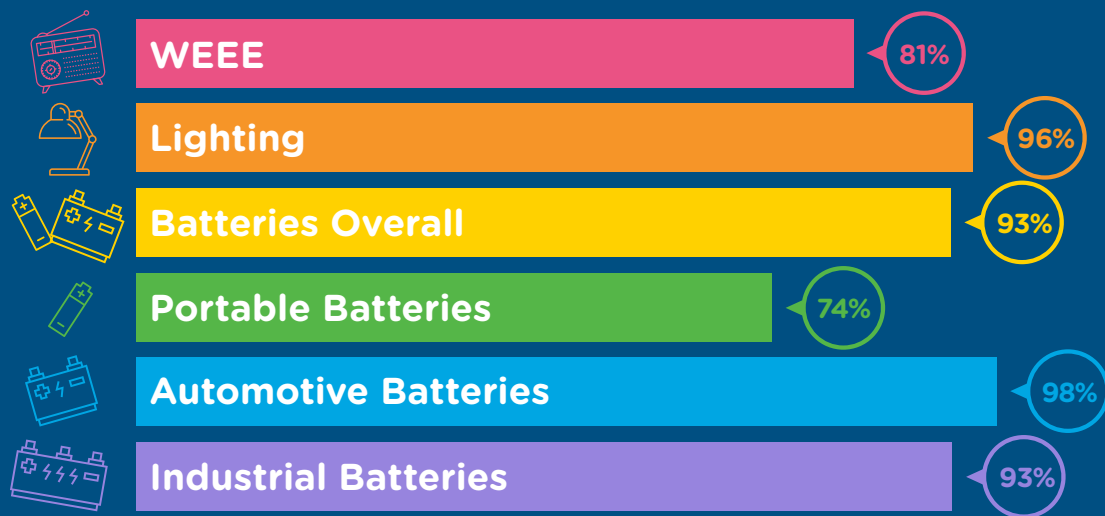
Member Numbers across Batteries



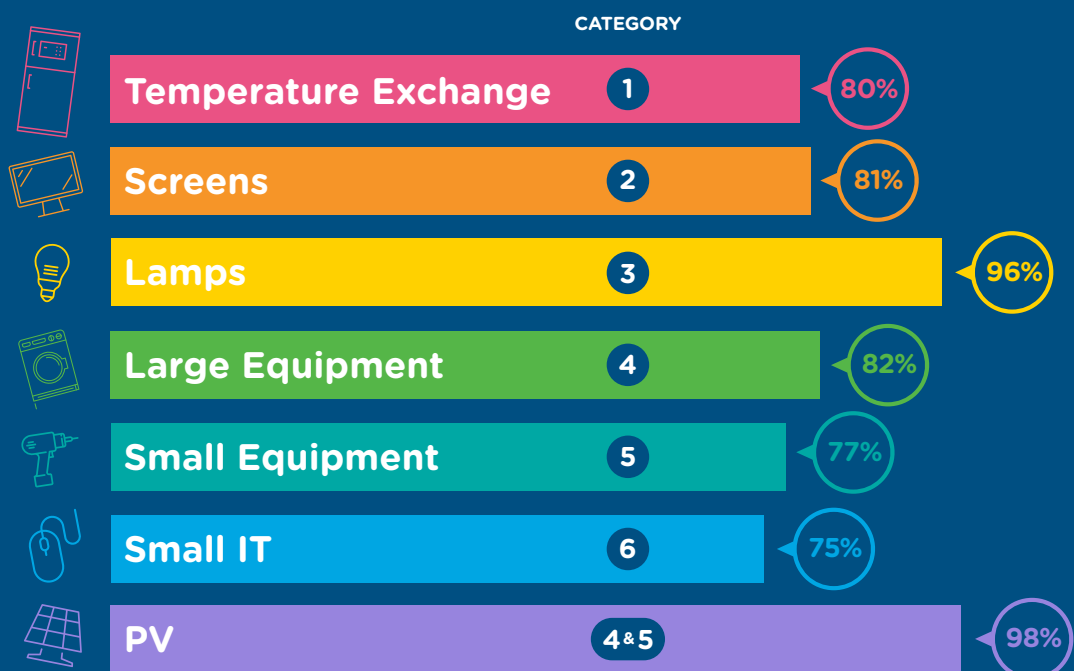
WEEE Ireland Majority Market Share

WEEE Ireland continued to be the EPR Scheme of choice for Producers in the Irish market in 2023 with a significant majority market share across all categories of EEE and Batteries.

Market Share



New WEEE Categories Market Share



Compliance Reviews & Audits

During 2023, more than 300 Compliance Reviews, Audits, Queries and meetings were carried out across all types of Producer Members, not including the incoming queries from members and applicants to the Scheme requesting compliance support and guidance. The Compliance Team carries out a range of Compliance Reviews to audit the integrity of data provided by Members to the Blackbox and overview how Producers are meeting other obligations including Registration, Categorisation, Labelling and Information to Users.

More than

300

**Compliance Reviews,
Audits, Queries and
Meetings in 2023**



The Compliance Review programme is designed to support the range and type of Members of the Scheme including full Data Audits, Remote Compliance Reviews and SME checks and surveys; utilising face to face meetings, online calls and digital forms for different groups and sectors of EEE Businesses. The team works to support changes to Member's WEEE and Battery systems in a reasonable timeframe where issues were identified during an audit.

The Compliance team coordinates with the EPA and Producer Register Ltd to notify on updates to Members' certification status, deregistration notices and other registration or enforcement requests.

In 2024 a process will be developed with the PRL to coordinate and cooperate on sharing of compliance and conformity of Members from the Compliance Review and Audit programmes.

During 2023 the EPA and Local Authorities were involved in enforcement programmes to inspect compliance including dedicated campaigns looking at the following sectors:

- E-cigarettes and Vapes
- Heat Pumps
- Distance Sellers
- WEEE Retailers
- B2B



Retailers

 **Licences.ie**

By 31st December 2023 there were 8623 retailers registered with the Scheme, including 278 new registrants via licences.ie, an increase on the previous year. This free of charge function supports Retailers of EEE and industrial and automotive Batteries who need to fulfil a registration and certification requirement as part of their distributor obligations under the WEEE and Battery Regulations. An Post has notified the Scheme of their intention to close the portal in 2024 and WEEE Ireland is working on alternative registration solutions with the EPA and Local Authorities that will support retailers and not significantly disrupt the current system. The Scheme will also engage with the authorities on any new distributor/retailer registration requirements, if applicable, under the new Battery Regulations

Membership Communications

WEEE Irelands Compliance and Membership team support the collective Scheme ethos by offering streamlined and online compliance services to its Members. Applications for joining the Scheme, Certification, exchange of documents and Rules of Membership signing as well as annual renewal of Membership details and notifications and registrations for events are all carried out online. Bi-monthly newsletters, webinars, new sections on our website, social media posts and direct mail communications kept Members up to date on WEEE and Battery news and developments during 2023 with an average open rate across the 8 newsletters sent out of 45% (average rate for publications in the technical sectors are ~22%).

Topics covered in our Newsletters and Communications in 2023 included:

- WEEE Directive Evaluation
- Irish Policy Consultations including National Waste Management Plan and Vapes
- Member Notices
- Battery Regulations
- EU and Ireland Conferences and Meetings
- Close the ELoop Microsite
- CIRCULEIRE events and activities
- EU developments including CSRD, ESG, Repair Proposal and more
- Battery Safety
- WEEE Forum projects
- EPA reports and enforcement campaigns

Guidance and Training

The WEEE Ireland Website provides compliance information and guidance as well as a registration portal for Producers and Retailers who wish to apply for certification through the Scheme and for existing Members to update their information during the annual renewal process.

Members can book time for online and in person meetings with the Compliance Team to advise and guide them on WEEE and Battery EPR requirements for the Irish marketplace or introduce them to wider European obligations for their exports through our colleagues at WEEE Europe.

Challenges in EPR Compliance

Areas of concern that arise from review of Members compliance and from discussions with Producers include:

- B2B and B2C/dual use understanding and application of these terms in Irish reporting of EEE
- Financial guarantees and takeback requirements for professional (B2B) Producers
- Definition of Producer particularly in relation to import distributors and distance sellers
- Takeback obligations for Small EEE being supplied via courier or postal services
- New sector obligations e.g. e-mobility, vape devices, energy storage system batteries...
- Financial modelling for necessary cost application for long life products e.g. PV Panels



Producers who joined the Scheme in 2023 included:

53rd Parallel Electrical Distribution	LAP GmbH - Laser Applikationen
Advanced Sterilization Products Ireland Limited	LEGO System A/S
Airthings A/S	Lucid Vision Labs, Inc.
Archilux Lighting Limited	Magic Leap Inc
Asahi Kasei Bioprocess Europe S.A./N.V.	Masonry Fixing Services Ltd
Asetek Danmark A/S	Matterport, Inc.
Audio-Technica Ltd. - Dutch Branch	MEGABIKEs LIMITED
Aviano GmbH	Mentor Distribution Ltd
Beacon Medical Distribution Ltd	Meso Scale Discovery
Blue Ocean Robotics ApS	MICHAEL BARRABLE MOTORS
BRNO INVESTMENTS LTD	Miramundo Limited
Brooks Timber & Building Supplies Limited	Motodox GmbH
Brother Sewing Machines Europe GmbH	MOTREX LTD
Buckley Cycles Ltd	Mountz Torque Limited
Cardiotec Medical Ltd	MSupport International B.V.
Casa Bella Hosiery Ltd	My Vape Store
Chameleon Capital Ltd	NetApp Ireland Limited
CLONAKILTY CAR CENTRE	New Cycle GmbH
CoMotion Mobility Solutions Ltd	OB VAPING LIMITED
Conor Cassidy Cars Ltd	Off Your Grid Limited
CSL-Computer GmbH	PBE Axell Europe Ltd
Cummins Ltd	Petstop Limited
Cytiva Ireland Ltd	PKI Scientific Ireland Ltd
Dalton Car Sales Ltd	Plasticard ZFT GmbH & Co. KG
Darragh O'Regan Motors Ltd	Prime Automotive Ltd
DENSO Europe B.V.	QUINNspares APPLIANCES LTD
Design Features LTD	Radio Systems PetSafe Europe Ltd.
DSM Distribution Ltd	Redback Biotek
E-Cigarettes 4u Ltd	Renaissance Contingency Services Ltd
Electric Paddy Bikes & Scooters Ltd.	Riello UPS Ireland Ltd.
Endor AG	Roland Meinl Musikinstrumente GmbH & Co KG
Evertree Store Ltd	Ros Dumhach Cogaisiochta Teoranta
Evra Motors	Secunet Security Networks AG
Farrell Microscopy Limited	Shaper Tools GmbH
Flair Hair & Beauty Supplies Ltd	Slaney View Motors Ltd
Focus Scientific Solutions Ltd	SLS Scientific Laboratory Supplies Ireland Limited
G Molins and Company	SOTEL GmbH
G2 Speech Ireland Ltd	Ssangyong Automotive Ireland
Genetec Inc.	Suir Sprayers Limited
Go10 CE Distribution Limited	Sunrise Records and Entertainment Ireland Limited
GoPro Inc	SWARCO UK & Ireland Ltd
Gorilla Sports GmbH Zentrale	TE Connectivity Ireland Limited
Howden Joinery (Ireland) Ltd	Technopath (Distribution) Ltd
Icentia Limited	The Juice Plus+ Company Ltd
Icomera AB	The Nature of Things Ltd
iLOQ Oy	TM Blinds Ltd
Ingersoll-Rand Industrial Ireland Ltd	Toasttab Ireland Limited
Innovation Zed	Tokyo Electron Europe Limited
Interchem (Ireland) Limited	TRINITY VOLKSWAGEN
Irish Beauty Merchants Limited	ULTIMATE PRODUCTS UK LTD
Irish E-Juice Direct Ltd	Van Walt Ireland Ltd
JNTL Consumer Health I (Ireland) Limited	Vestel Holland B.V.
John Player & Sons Ltd.	Vieffe Trade Srl
Konrad Hornschuch AG	Viva Payment Services SA -Irish Branch
KoRo Handels GmbH	Weber-Stephen Products (U.K.) Ltd
	Xpert Cosmetics Ltd



Pan-European Partnerships

Throughout 2023 WEEE Ireland continued its connection with centres of excellence for WEEE and Battery EPR developments through our best-in-class partners: WEEE Forum, EUCOBAT and PV Cycle.

WEEE Ireland also holds a voluntary Directorship of WEEE Europe, which extends the compliance service solutions for Members beyond Ireland, enabling a supportive infrastructure for Irish companies wishing to comply with WEEE and Battery regulatory requirements in their export marketplaces as well as connecting the Irish system with Producers based outside of ROI.

Pan-European EPR Compliance

WEEE EUROPE is the supporting partner for WEEE Ireland Members and other Producers who require EPR Compliance expertise and guidance beyond Ireland. As cross border markets continue to grow, WEEE EUROPE offers pan-European support to manufacturers and distributors navigating the maze of WEEE, Battery and Packaging compliance across different jurisdictions.

- A complete assessment of your obligations in each country with step by step guidance to full compliance
- One single point of contact to handle local PRO memberships and registrations for several countries
- A centralised platform that harmonizes the put on market declarations for 30 European countries in one simple reporting.

Get in Touch via info@weeeireland.com or contact the WEEE Ireland Compliance team for more information.

www.weee-europe.com

WEEE Forum

The WEEE Forum is an international association representing 53 Producer Responsibility Organisations (PROs) across the globe including WEEE Ireland. Together with its Members, they are at the forefront of turning the Extended Producer Responsibility Principle into an effective electronic waste management policy approach through collective knowledge of the technical, business and operational aspects of collection, logistics, de-pollution, processing, preparing for reuse and reporting of e-waste. The WEEE Forum mission is to be the world's foremost e-waste competence centre excelling in the implementation of the circularity principle.

www.weee-forum.org



“ **A One Stop Shop Solution for EPR Compliance in Europe.** ”



“ **Since our foundation, the producer responsibility organisations of the WEEE Forum have collected, de-polluted and recycled or sent for preparation for re-use 41.6 million tonnes of WEEE** ”

(WEEE Forum 2023) ²³

²³ Who we are | WEEE Forum (weee-forum.org)

Eucobat

EUCOBAT is the European association of not for profit, national battery collection schemes. Its members ensure the collection and recycling of waste batteries across the EU and encourage the sustainable use, collection and recycling of batteries through their communications and best practice initiatives. In order to achieve its objectives, EUCOBAT strives to:

- Collect, collate, exchange, and benchmark information from Members, within the limits authorised by law, to promote an efficient operation of the collection, recycling and treatment schemes;
- Provide interested parties, including European and international institutions, with all pertinent information;
- Provide members with assistance and information concerning the implementation of the EU Battery Regulation and other relevant legislation;
- Liaise with other European organisations such as various industry and consumer associations and other interest groups;
- Organise and participate in events, congresses, conferences, projects, meetings and working groups for the exchange of information and experiences among common interest groups;
- Collate, publish, and share codes of best practices and provide logistical, information and support services to members.

WEEE Ireland is working along with EUCOBAT and other Battery European Producer Responsibility Organisations utilising our combined experience and expertise to deliver best practice solutions to EPR to implement the new Battery Regulations. We congratulate Eric Ruyters who spoke at our WEEE Ireland conference in October who has recently been appointed as Secretary General of EUCOBAT

www.eucobat.eu



PV Cycle

PV Cycle is a non-profit, member-based organization, offering collective and tailor-made waste management and legal compliance services for PV solar producers, distributors and waste holders around the world. They operate programmes designed to manage this new and specific e-waste stream including development of prevention and reuse solutions and have worked with WEEE Ireland to put solutions in place for those placing PV panels on the Irish market since 2017.

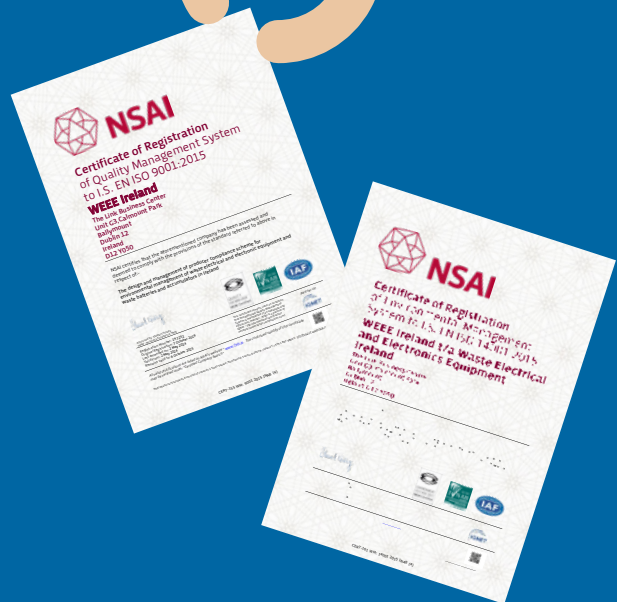
www.pvcycle.org





ISO Standards

ISO Quality and Environmental Standards, 9001 and 14001, as part of the Scheme's 'best in class compliance' ethos. The WEEE Ireland Quality and Environmental Management System scope covers *"The design and management of producer compliance scheme for environmental management of waste electrical and electronic equipment and waste batteries and accumulators in Ireland."*



Policy Management

The WEEE Ireland QEMS also forms the basis for the WEEE team's focus on risk management and avoidance with a detailed Risk & Opportunity Register reported to the Board of Directors at each meeting. A Compliance Register is also maintained by the Compliance & Membership Team containing existing and developing policy aspects for the

Scheme and its Members and noted timelines for reporting and activity. Business Continuity planning is contained within the QEMS and has been further developed following the pandemic years which highlighted the importance of contingency measures for unexpected events across all organisations globally.



Membership Events



Hosting and attending in person and online events connect us to WEEE Ireland Members and wider stakeholders. Our direct and partnership events in 2023 included:

- WEEE Ireland AGM 16th June
- Sector Meetings September & October
- Members Finance Briefing 18th October
- WEEE Ireland In-Person Conference 18th October

WEEE Ireland Member Conference 2023

The WEEE Ireland Member Conference was held on Weds 18th Oct 2023 at Castleknock Hotel, Dublin 12, with expert updates on Extended Producer Responsibility (EPR) obligations under the Circular Economy, WEEE Directive Evaluation and New European Battery Regulations.



Over 120 delegates registered to attend the event which was part of our Scheme's weeklong engagement on International E-waste Day. The day's discussions acknowledged the achievements of the Irish e-waste and battery environmental management sector to date, whilst equally representing the scale and complexity of challenges to our focus and direction to include more circular 'R' strategies higher up the waste hierarchy including repair, reuse and remanufacturing as well as high quality recycling and recovery.

Beginning with an opening address from Minister of State for the Department of Public Expenditure and Reform, Public Procurement, eGovernment with special responsibility for Communications and Circular Economy, Ossian Smyth, followed by WEEE Ireland CEO Leo Donovan and 4 expert speaker presentations to conference delivered insights and open discussions relevant to Irish Producers, Retailers, Local Authorities, and other Stakeholders, showcasing trends and developments in the WEEE and Waste Battery System in Ireland and elsewhere.

Opening Address: Minister Ossian Smyth

The Minister articulated the need to simplify the understanding of circular economy to encourage behaviour change in our society. He outlined his plan to drive awareness levels higher among the Irish public towards 85-90% with ongoing Consumer campaigns and other activity, including the new deposit return scheme for takeback of bottles and cans.

Minister Smyth however, highlighted the 'bring it back' ethos is already embedded in the Irish WEEE and battery system, and complimented the work undertaken by WEEE Ireland and our national recycling partners in this regard. He noted the high level of takeback and acceptance for e-waste and batteries in Ireland, with ease and convenience of access to retail and other collection points. The Minister noted the challenge of small WEEE and the difficulties posed by newer battery-containing devices not being disposed of properly in the established recycling system. He welcomed the forthcoming national WEEE takeback campaign being coordinated by DECC, of which WEEE Ireland is a key stakeholder for both development and funding input.



Opening Address:
Minister Ossian Smyth

EPR Challenges and Opportunities from Leo Donovan, WEEE Ireland

Leo Donovan, CEO of WEEE Ireland summarised the current state of the national WEEE and Battery systems in Ireland, how it has evolved over the last 18 years and where the future focus toward improved circularity can be delivered including:

Importance of Standards in quality recycling and Critical Raw Material recovery as well as ensuring health and safety for proper disposal of lithium battery containing devices.

Supporting Indigenous Collection Facilities for WEEE and Waste Batteries with a national tonnage strategy.

Visible Environmental Management Costs for supply chain engagement and encouraging takeback through retail and other channels.

Capture of all WEEE flows including repair and reuse information, with an All Actors approach for accurate data management and reporting across our national EPR systems



Leo Donovan,
WEEE Ireland

Korrina Hegarty

Policy Director, Environment at APPLiA

WEEE Ireland was delighted to once again welcome Korrina Hegarty from APPLiA to Ireland to address our members and wider audience on the range and scope of EPR related European environmental policy developments impacting the EEE sector. Korrina's comprehensive presentation included:

Upcoming changes driving further sustainable product design from the ESPR – Ecodesign for Sustainable Products Regulation.

The new EU Repair Proposal which will extend repair obligations for Producers beyond warranty phases. APPLiA emphasises the importance of a 'repair it right' ethos to ensure consumer health and safety considerations are paramount under this new programme.

Considerations from the industry perspective on reparability and durability indices and the importance of harmonisation across Europe for any new labelling criteria.

The significant work being undertaken by APPLiA members on sustainable use of packaging, plastics, energy consumption and the importance of supporting citizens in the green transition with clear information for informed sustainable choices.

Their ongoing feedback into the current WEEE Directive Evaluation including the importance of harmonised WEEE treatment standards across Europe and strong and effective enforcement to support a level playing field in EPR implementation.

Eric Ruyters

Eucobat

Eric's detailed presentation came at a pertinent time ahead of new European Battery Regulations which were published in 2023 and came into force in Ireland and other Member States in February 2024. Eucobat has provided detailed feedback and submissions to the European Commission throughout the development of these lifecycle focused Regulations and continues to be an expert voice on EPR implementation for this new framework.

Eric outlined some key points and new legal obligations across the European and Irish Battery Value chains:

- New battery categories which will impact reporting and more.
 - Portable
 - Industrial
 - Light Modes of Transport (LMT)
 - Electric Vehicle (EV)
 - Starter Light Ignition (SLI)
- Removability and Replaceability aspects.
- Consideration for Repurposing of batteries.
- Carbon Footprint Reporting methodology development underway.
- Increased collection targets for waste portable batteries (63% by 2027).
- New collection targets for LMT batteries (51% by 2028).
- Available for Collection target methodology.
- Increased recycling efficiency targets.
- Requirements for recycled content reporting in batteries from 2027.
- Visible fee allowed for batteries to show to consumers.

APPLiA



Korrina Hegarty,
APPLiA

EUCOBAT



Eric Ruyters,
Eucobat

Dr Geraldine Brennan CIRCULÉIRE

Geraldine took our conference through an overview of the plans, programmes, thematic workshops, publications and more that CIRCULÉIRE has developed to foster circularity across its 40+ industry Members and their affiliates.

WEEE Ireland has been a founding member of the platform since 2019 and Geraldine described some of the projects supported through this partnership and across the wider electronic and battery cluster within the CIRCULÉIRE network. They include:

- Supporting WEEE Ireland in development of its Circular Vision strategy.
- Publication of open access Circular ICT & Electronics (2022) Good Practice Guide.
- Innovation funding for projects including:
- WEEE Ireland led Circular Economy Skillset Initiative (CESI) white goods repair project which has led to a programme now in its third year engaging 30+ individuals trained or in training for a new career in white goods repair and field service.
- RoboCRM a project using machine learning and technology to sort waste batteries.
- Long Life Lithium Battery (LLLb) project in KMK Metals with Wistek on second life potential for EV and industrial Li waste batteries.
- MEDAL: Medical Devices A New Life – return project for medical devices at end of life
- Forthcoming pilot on smart takeback potential for reuse of business and other electrical devices using The Zeronet app based technology.

Geraldine also gave participants an overview of Circular Economy Regulatory and Policy Development in Ireland highlighting open consultations and plans currently in preparation.

Louise Grantham REPIC

Louise gave a far-reaching overview of the UK WEEE System supported by a detailed report commissioned by REPIC to review 15 years of EPR activity in the sector. The report aims to understand where improvements can be made going forward, learning from the experiences of e-waste management and data flows in the UK to-date.

Points articulated by Louise in her presentation included:

- Pandemic highlighted the importance of EEE in our daily lives.
- EEE placed on the market increased significantly in 2020 & 2021.
- The opposite took place with WEEE as collections fell.
- Indirect link between EEE and WEEE.
- Tonnage waste-based collection targets are not the best measure of WEEE system success.

Louise spoke about the importance of measuring all WEEE flows within the system and the changing nature of both electrical products and collection systems over time which need to be considered for future target setting. We wish Louise the very best as she completes her tenure at Repic and welcome new CEO Graeme Milne to the role in 2024. In addition to our expert speakers, we were joined by FIT (Fastrack into Information Technology) and CIRCULÉIRE as exhibitors at the event.



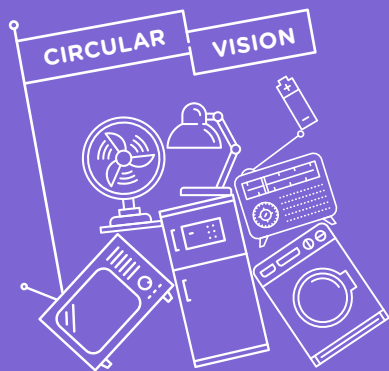
Dr Geraldine Brennan,
CIRCULÉIRE

REPIC



Louise Grantham
REPIC





Circularity Leadership

The WEEE Ireland Circular Vision strategy recognises the transition to be undertaken by the Scheme, its Directors, Management and Executive team supporting our Members.

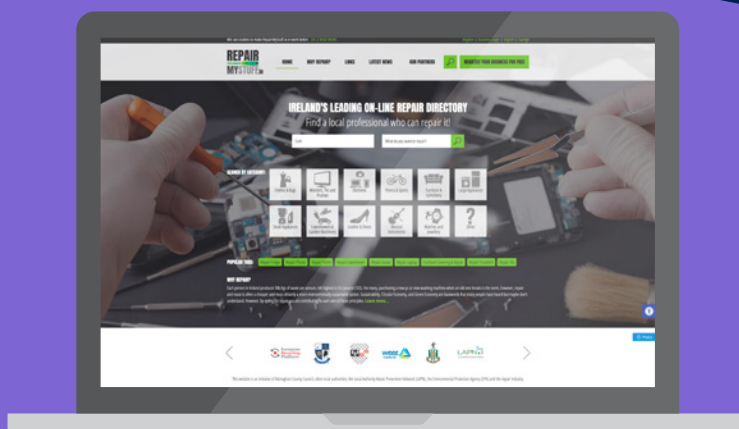
WEEE Ireland Circularity Steps in 2023:

- Development of a Circular Economy site showcasing Members and Partners projects and programmes supporting circularity and highlighting best practice
- Dedicated Circular Economy Sub-Committee of the Board of Directors and Management team
- Mandated EN 50625 standard certification at our contracted WEEE facilities to ensure compliance with WEEE Regulations and assurance for quality recycling and recovery of e-waste materials
- Access to preparation for reuse feedstock material from our main contractors facility for PRL registered Prep. For Reuse Operators
- Founding Membership of CIRCULÉIRE and lead role in the EEE cluster in the network including:
 - Circular ICT and EEE industry representative presentation at CIRCULÉIRE Centre of Excellence Limerick and Dublin workshops
 - Exhibitor at the 2023 Circular Hotspot Conference in Croke Park, Dublin
 - Active involvement in 2023 thematic working groups; CE Product Lifecycle Thinking and Sustainable Product Regulations, Digitalisation and Digital Product Passports, and Measuring Circularity
- Continued partnership on the CESI (Circular Economy Skills Set Initiative) White Goods training programme with FIT, LMETB and WGA
- Continued financial and awareness support of [Repairmystuff.ie](https://www.repairmystuff.ie)



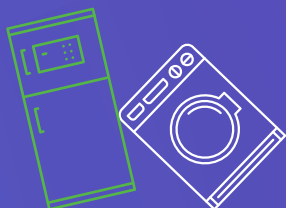
Steering committee member of – a CEIGS funded project to investigate the potential for repair, service and reuse skillset training for the consumer appliance sector.

- Active participant in the DECC Waste and Circular Economy Advisory Groups
- Involvement in the new EPA Repair and Reuse Working Group to facilitate knowledge sharing and engagement, to support reporting and scaling up of these activities in Ireland²⁴.



²⁴ <https://www.epa.ie/our-services/monitoring--assessment/waste/national-waste-statistics/reuse/>

2023 R&D Projects



Throughout 2023 the WEEE Ireland team continued their collaborative and cooperative efforts on a range of projects aimed at investigating and improving e-waste management in Ireland. These included prevention and minimisation measures including a repair focus and promotion of our Members' circular activities across the 'R' strategies.

R Strategy	WI Project Description	Link
Refuse Rethink Reduce	R1 Minimising the impact of Producers EEE and highlighting the importance of waste prevention strategies is integrated into WEEE Ireland communications. Rethinking the approach to the national EEE system and a circular transition is at the heart of the Schemes Circular Vision strategy. The Close the ELoop microsite aims to support Members in this transition with case studies highlighting best practice in Ireland across different R strategies. It also includes innovative European project and programmes from our partnership with WEEE Forum. R2 R3 WEEE Ireland Members and Partners already incorporate Reuse and other R-strategies into their current business models. Whether its high quality second hand cameras from Conns Camera shop, large scale reuse and refurbishment of lighting equipment in the port tunnel retrofit by Signify or mobile phone and consumer equipment repair and reuse from Refurbed, the circularity potential is high across the Irish WEEE and electrical sector.	
Reuse	R4 Compliance Schemes in Ireland are required to provide access at collection points to registered preparation for reuse operators. Registration is carried out by the Producer Register Ltd and requires certification to the En 50614 WEEE Reuse standard as well as other quality management criteria.	
Repair Refurbish	R5 Prolonging the lifespan of products already in use through repair and refurbishment and supporting Irish industry in this endeavour has been a key focus of WEEE Ireland's circular strategy to date. Leading projects such as CESI, the dss+ WGA data survey and RepairMyStuff.ie partnership are some of the ways we are expanding the remit of our EPR Scheme further up the waste management and R-strategy hierarchy. R6 In 2023 the 4th intake of trainees was underway for the CESI White Goods programme with interest developing in extending the project elsewhere in Ireland. The White Goods Association and WEEE Ireland have continued their support with input and placement opportunities to the trainees. In 2023 the training agency FIT won funding under the CEIGS to investigate the potential for a CESI programme to develop repair and reuse skillsets for the consumer appliances sector. WEEE Ireland and Members are supporting the development of this project.	
Remanufacture	R7 WEEE Ireland is an active participant on the steering committee for ReManIre and other co-funded WEEE projects. This EPA funded "Remanufacturing for Ireland" project aims to provide a roadmap to support Ireland's development as a global centre of excellence for remanufacturing while promoting resilient jobs as part of the circular economy.	
Repurpose	R8 Whether its transforming e-voting machine cages into FPD screen holders or turning washing machine drums into planters, WEEE Ireland contractors continue to innovate in their ideas for repurposing WEEE where appropriate.	
Recycling Recovery	R9 EN 50625 standard recycling and recovery of material ensures quality treatment, removal of hazards and a return of material for use again in manufacturing. R10 WEEE Ireland supports the LICORICE project with expertise and input including real world battery takeback and recycling information. The LICORICE team's highly innovative solution is to recycle waste battery products into a novel material that is then transformed into fresh lithium cobalt oxide (LCO) for new batteries. Our process will result in lower energy consumption and a fast turnaround for producing LCO compared to current industry standards. The project aims to work with industry and academics to make Ireland's first fully green battery, showing that electric vehicle production can be environmentally sound. It aims to support cheaper batteries for electric vehicles, lower carbon emissions and relieve conditions for communities involved in mining the raw materials	

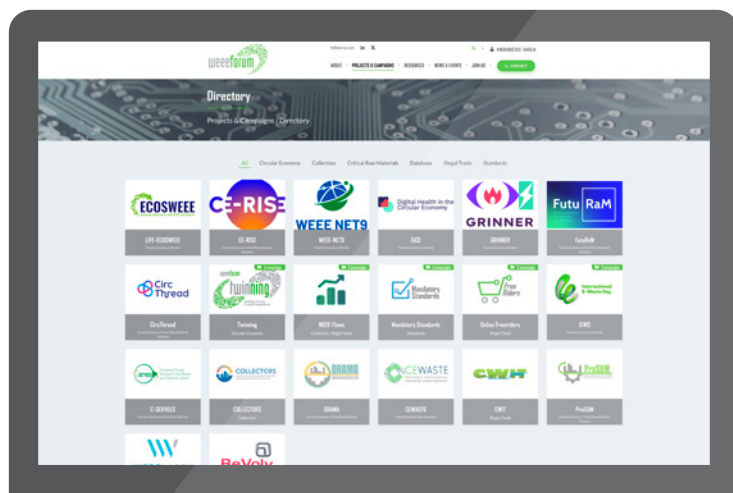
Distance Seller Projects

Throughout 2023 we continued to engage with Members from the distance sales sector to understand the role simplified compliance models could play in delivering registration and reporting for the multitude of smaller companies selling EEE into Ireland via online supply models. From 2025 Online Platforms will need to ensure those Producers offering batteries to Irish customers are registered with the PRL and a commitment to only offer batteries compliant with obligations related to the reporting and safe environmental management of batteries. WEEE Ireland supports progressing solutions for inclusion of online platform sales into the national WEEE and Battery EPR model to ensure an equitable and accessible system is in place for all Producers onto the Irish market and their customers. We encourage our Members to lead and demonstrate best practice in this regard.

WEEE Forum projects

To date, the WEEE Forum has obtained European Union funding for its involvement in fourteen projects geared towards:

- developing high quality treatment standards and conformity verification schemes;
- offering policy recommendations to counter illegal operations and practices;
- designing an urban mine platform and improving Europe's resource efficiency;
- improving the efficiency of recycling of visual displays and activating circular services in the sector; and
- optimising data collection for primary and secondary raw materials.



The WEEE Forum website highlights projects including C-RISE, GRINNER, and FUTURAM all delivering innovation and progress in circular economy activation for the WEEE sector and Producers that all WEEE Forum Schemes work on behalf of. As a global centre of excellence, the WEEE Forum is an important knowledge partner for R&D projects that advance the environmental management of e-waste. As a proud member of the WEEE Forum WEEE Ireland contributes to many of projects through data input, experience sharing and other feedback.



ECOSWEEE

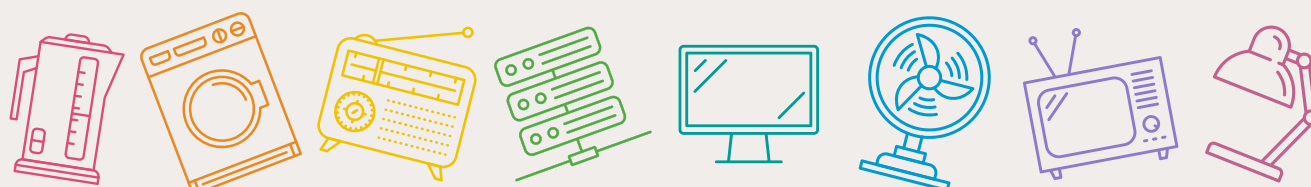
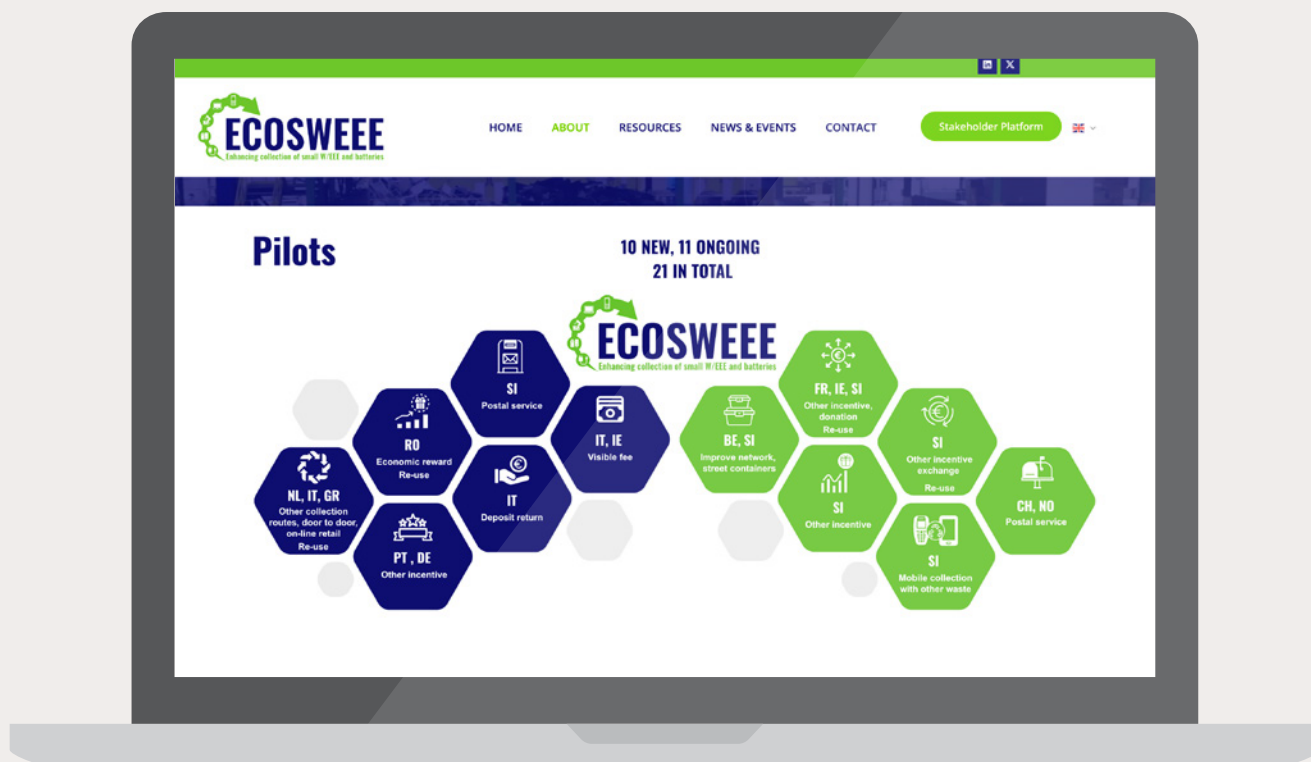
In 2023 WEEE Ireland commenced work as part of ECOSWEEE consortium. ECOSWEEE is a life project - Enhancing Collection of Small W/EEE and batteries (LIFE-ECOSWEEE)²⁵. It commenced on 1st April 2023 and will test the potential, through practical pilots, several methods and incentives to increase the collection rate of small WEEE and portable batteries. Through the implementation of two pilot projects and consumer surveys WEEE Ireland wants to explore how we can encourage consumers to engage more in small WEEE Takeback and Battery takeback and how to support retailers in this regard. WEEE Ireland is also involved in the wider project communication and dissemination, knowledge sharing workshops, development of best practice collection documentation and large scale consumer surveying.



Consortium



The Pilots



²⁵ About - Ecosweee (ecosweee-life.eu)

WEEE Ireland Pilots

Pilot 1

Visible Fee:

To measure the potential and impact of recycling communications to consumers on Small WEEE takeback in retail stores. The pilot will target in-store communications around Category 5.2.2 EEE -small household appliances such as kettles, toasters and coffee machines. We would like to thank DID and Expert electrical retailer stores for their co-operation in this pilot and look forward to sharing findings and results in 2024.

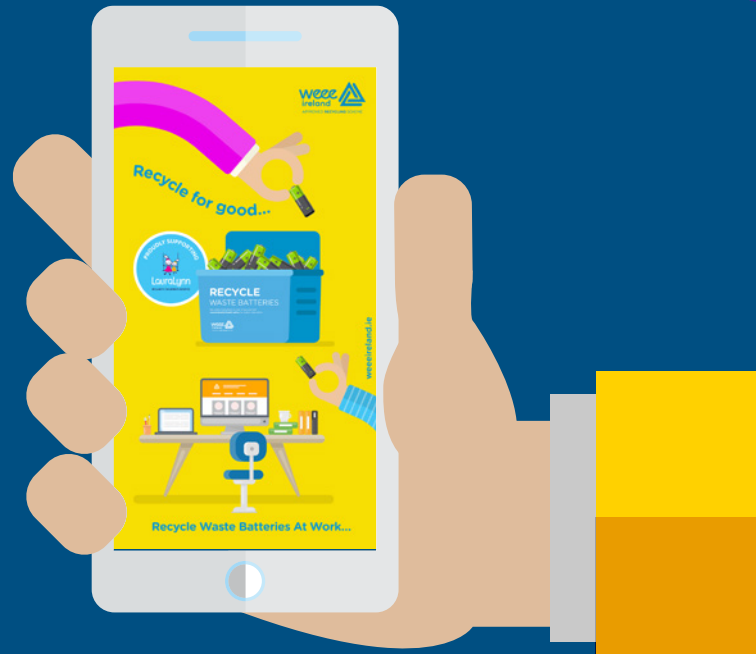


Pilot 2

Recycle for Good:

To describe the impact of social incentives and emotional connections; charity donations for battery takeback in Ireland.

The Blue Battery Box with our Recycle for Good campaign supporting Laura Lynn Children's Hospice Charity has been a cornerstone of our battery takeback, communications and recycling programme for the last 10+ years. Every battery recycled by WEEE Ireland goes towards a donation fund to support the vital work provided by Laura Lynn. This has helped support the Charity deliver its specialised hospice and palliative care services for children and their families nationwide. Further incentives to get people involved in the takeback programme are provided through the Schools Battery Recycling Competition.



...the power is in your hands!



Communications & Awareness

“ WEEE Ireland shall operate a programme of national and sectoral educational and awareness raising activities. This awareness raising and communications campaign shall operate across all existing and emerging media platforms... exploring innovative new approaches to raising public awareness of the need to recycle waste batteries and WEEE. ”

WEEE Ireland Scheme Approval

2017-2023 DECC

WEEE Ireland's Communication Strategy



The Communications Challenge

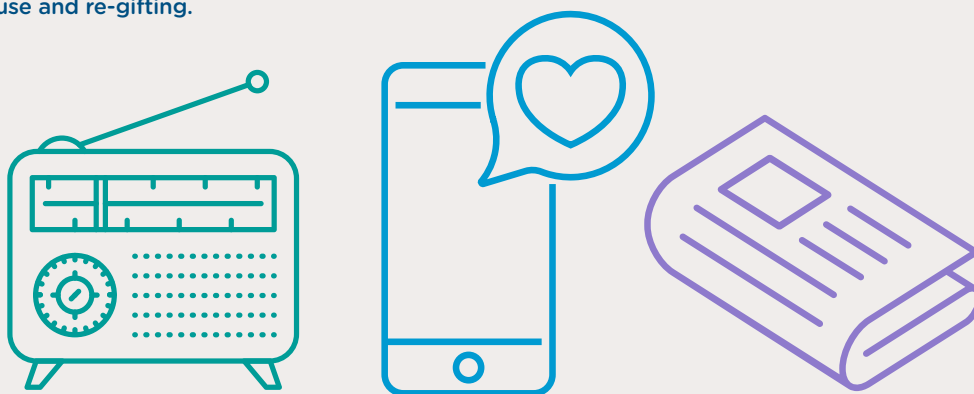
WEEE Ireland's 2023 Communications Strategy sought to balance the delivery of information around developments to the Irish and EU e-waste landscape, whilst continuing to engage the public, our Member Producers and Stakeholders to support Ireland's WEEE and Battery recycling efforts.

Information around forthcoming new EU Battery Regulations, EU WEEE Directive Review and Critical Raw Materials Act, were interwoven with campaigns addressing the key behaviours of hoarding, binning and improper disposal of WEEE, waste batteries and lighting.

The 2023 WEEE Ireland consumer research study revealed that the top motivations amongst the Irish public for recycling their e-waste as positive environmental impact (7 in 10 adults), re-use of materials they contain (6 in 10 adults) and decluttering (6 in 10 adults). Building on this, the 2023 programme of communications continued to highlight importance of recycling e-waste for resource recovery and re-use to support a fully sustainable and Circular Economy. Highlighting additional future-proofing projects and practises of repair, re-use and re-gifting.

The WEEE Ireland returning Schools Battery Recycling Competition recorded its best year yet, with the equivalent to more than 2million+ AA batteries saved from landfill and won **Best Communication Campaign by a Not-For-Profit Organisation or Non-Governmental Organisation** at the 2023 Awards for Excellence in Public Relations. 2023 also saw development of a first-of-its-kind, Government of Ireland led, multi-stakeholder national e-waste recycling campaign.

Collaboration to amplify WEEE Ireland's Recycle For Good message was again supported by key stakeholders within electrical Retailers and Wholesalers, Local Authorities, Community Initiatives, Scheme Members, Partners, and Trade Associations. This valuable support allowed awareness to reach even more householders, schools, businesses, and communities across the country.



Amount of times our
FREE Waste Electrical, Battery & Lighting message
was seen, heard or read in 2023:

166 Million

(+40% on 2022)

Free Public Electrical Recycling Day Events 2023

Communities across the country came out in force to our 2023 schedule of Free Public Electrical & Battery Recycling Events.

All household items with a plug, battery or cable are accepted free of charge, including old washing machines, TVs, toasters and kettles, waste batteries of all types including farm fence batteries, electronic tools and toys, cables, IT equipment, mobile phones, remote controls and even watches.

The 104 free public collection events, hosted by WEEE Ireland and supported by their respective Local Authority or Retailer Partner, took place in communities in 19 counties across the WEEE Ireland remit collecting 750+ tonnes of e-waste.

2023 introduced an new look-and-feel to the event promotional package:





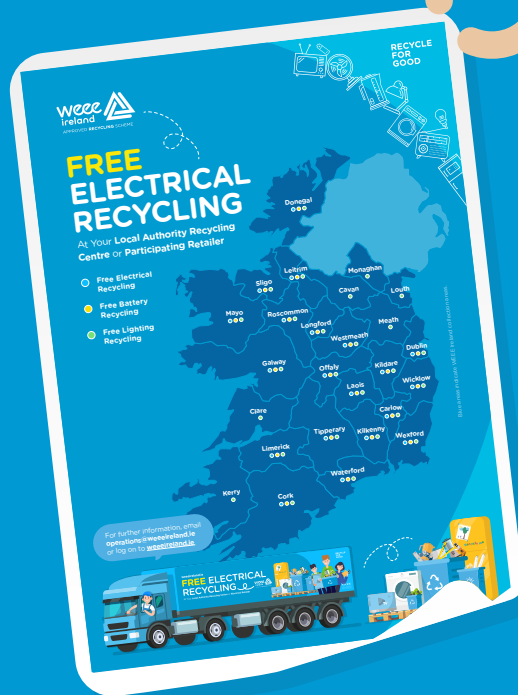
Each WEEE Ireland Free Public Electrical Recycling Event is promoted locally with an extensive awareness package that includes:

- Radio & Press Advertising
- Local PR Media Release
- Geo-targeted Social Media Advertising
- Organic Social Media
- Web Listing

All promotional elements are shared with Local Authorities, Tidy Towns Associations, MyWaste.ie and other local stakeholders to further boost community outreach and promotion for each event.

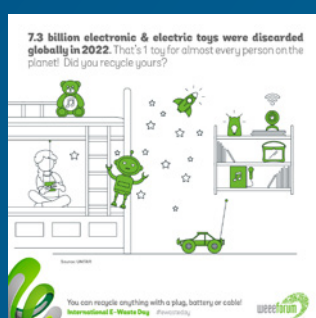
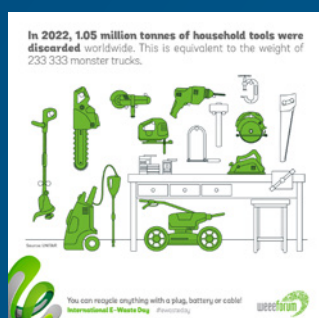
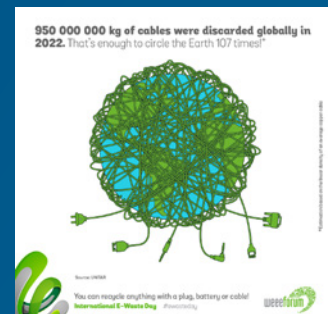
Amount of times our FREE Public Electrical & Battery Recycling Event promotion was seen, heard or read in 2023:

44+ Million
(+34% on 2022)



Digital Outreach

WEEE Ireland continued our social and digital waste electrical, battery and lighting recycling awareness strategy in 2023 - implementing a mix of digital display advertising, native content and social media (paid and organic) campaigns to maximise reach, impressions, engagement and value.

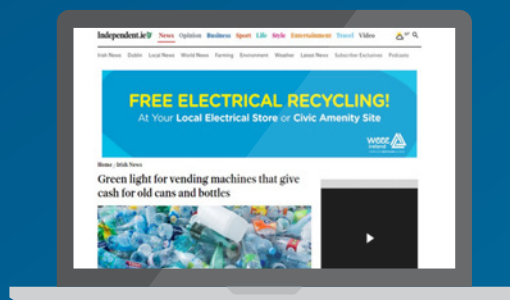




Free Electrical Recycling Awareness

WEEE Ireland's *Free Electrical Recycling* public awareness campaign, was activated as an 'always-on' advertising campaign for five months during 2023. The campaign featured a combination of national and local radio, digital display advertising and social media advertising on high rotation.

Campaign messaging aimed to boost general awareness of electrical and lighting waste recycling amongst householders and consumers – with a call-to-action to visit the weeeireland.ie online map for a list of hundreds of Local Authority Civic Amenity sites, recycling centres and participating *We'll Take It Back* electrical retailers.



*Amount of times
our FREE Electrical
Recycling message
was seen, heard or
read in 2023:*

42+ Million





Schools Battery Recycling Powers On!



After being halted during the pandemic, WEEE Ireland's revived Schools Battery Recycling Competition powered on during term time in 2023.

This long standing WEEE Ireland educational based programme challenges schools to use WEEE Ireland's free online educational resources to learn about the significance of battery and e-waste recycling, and its environmental impact.

A competition element is incorporated to further motivate students, offering the schools that collect the most batteries in WEEE Ireland battery recycling counties a chance to win one of six €2,000 sports vouchers (three for primary schools and three for secondary schools).

Each school takes on the challenge in their own unique way from holding seasonal battery drives, community supported initiatives, student union programmes, inclusion in their Green Schools and Sustainability Development Goal activities, and more. And every battery recycled with WEEE Ireland goes towards a donation fund to support the vital work of our charity partner LauraLynn, Ireland's Children's Hospice.





In September 2023 a new school year of the competition launched announcing the six well deserved 22/23 winners, that a record 2 million used batteries were saved from landfill and latest donation to LauraLynn.

The call for entries was backed by TV and radio presenter Laura Woods, who was joined by winners - Scoil Naomh Pádraig in Ballyroan Dublin.

“ As a mother to two school-going children, it’s great to see this generation take on such an important challenge with enthusiasm and break all previous records. Not only are their recycling efforts making a massive contribution to a greener environment, they’re also helping all the children and families who rely on LauraLynn’s services and support. A big well done to the winning schools who knocked it out of the park during the last school term! ”
Laura Woods



A huge congratulations to our six winning schools!

**Small
Primary School
Winner!**

**Medium
Primary School
Winner!**

**Large
Primary School
Winner!**



**St Catherine's
National School, Co. Galway**

collected the equivalent of

89,500
AA batteries



**Scoil Mochaomhóg
Naofa, Co. Tipperary**

collected the equivalent of

40,500
AA batteries



**Scoil Naomh Pádraig
Co. Dublin**

collected the equivalent of

20,600
AA batteries

**Small
Secondary School
Winner!**

**Medium
Secondary School
Winner!**

**Large
Secondary School
Winner!**



**Belmayne Educate Together
Secondary School, Co. Dublin**

collected the equivalent of

32,650
AA batteries



**Ramsgange Community
School. Co. Wexford.**

collected the equivalent of

82,200
AA batteries



**Klikenny College,
Co. Kilkenny**

collected the equivalent of

160,300
AA batteries

Recycling For Good

Every battery recycled with WEEE Ireland goes towards a donation fund for LauraLynn. WEEE Ireland donated a further €40,000 to LauraLynn in 2023, bringing its total contribution to €560,000 since the partnership first began 12 years ago.

LauraLynn CEO, Kerry McLaverty, said:

“The funds that we have received from WEEE Ireland as a result of the battery campaign have had such a positive impact on the children and families who avail of LauraLynn’s care and specialised supports all across Ireland. Over the last 12 years, the campaign has helped us to raise awareness of our services and our ongoing need for support and donations as Ireland’s only children’s hospice.”

PROUDLY SUPPORTING



LauraLynn

IRELAND'S CHILDREN'S HOSPICE

Over 2023 media coverage and reach of the Schools Battery Competition was far and wide:



25th Sept 2023:

RTÉ2 News2Day TV Feature filmed in St Patrick Girls National School, Dublin.



31st Jan 2023:

RTÉ News2Day TV feature filmed in St Annes National School, Dublin.



The Schools Battery Recycling Competition Engagement Programme continued during term time, with a series of fun e-newsletters issued to 2,800 schools and recycling partners. Each newsletter was full of seasonal recycling ideas, links to free online learning resources, top recycling tips from previous winning students/schools, SDG Goals, LauraLynn Partnership and links to battery recycling safety information.

SCHOOLS COMPETITION

Ready... Set... Collect!

The WEEE Ireland Schools Battery Recycling Competition opens today!

The WEEE Ireland Schools Battery Recycling Competition starts today! To kick off this new school year of the competition our ambassador TV and Radio presenter LauraLynn joined us at Scoll Naomh Baidéig in Ballyneen Dublin, one of our amazing winning schools.

There's so many positives to battery recycling! Recycling batteries can contribute to your school's Sustainable Development Goals and Green Schools work to prevent climate change and help contribute to the circular economy by giving batteries a new life. You will also be supporting **LauraLynn Ireland's Children's Hospice**, with every battery you recycle going towards a donation fund to support their vital work.

SUSTAINABLE DEVELOPMENT GOALS

12 RESPONSIBLE CONSUMPTION AND PRODUCTION

13 CLIMATE ACTION

Battery Recycling on RTE's News2Day

Barry Gallagher from RTE's News2Day visited one of our 2022-2023 winning schools to share how they became battery recycling champions!

news2day

Ready to take on the Challenge?

Every battery counts, so call on family, friends, neighbours and your community to help your school recycle as many batteries as you can and your school could be one of our 2023-2024 winners!

Order Your Boxes today!

Order your 10 free 5kg battery boxes today and get collecting to be in with a chance to win!

Download your free battery recycling resources

Learn more about battery recycling with our activities and lesson plans and posters.

Remember always handle and dispose of all types of waste batteries safely and regularly to prevent potential hazards. See our **Battery Safety** web section for more information.

PROUDLY SUPPORTING

LauraLynn

WELSH & IRELAND'S CHILDREN'S HOSPICE

Every battery recycled by WEEE Ireland goes towards a donation fund for LauraLynn.

This support helps LauraLynn Ireland's Children's Hospice to deliver its specialised hospice and palliative care to children with life-limiting conditions and their families in Ireland.

Recycle for good... with us!

Visit weeireland.ie for more details. Tell us: **Recycle For Good?**

Hunt for Dead Bat-teries and Recycle this Halloween!

Recycle your bat-teries this Hallo-wee-n!

RECYCLE WASTE BATTERIES

When the tricks and treats are over, be on the lookout for any dead batteries that may be hiding this Halloween. If a device lights up, moves or talks, it may have a battery lurking inside! Dead bat-teries have been known to hide in:

- Halloween Costumes
- String/Flare Lights
- Talking Teddies/Dolls
- Electric Board Games
- Indoor Decorations
- Electric Candles
- Musical Greeting Cards
- Halloween Masks
- Remote Controls
- Outdoor Decorations

Hunt for the bat-teries in your schools and homes and stop them from becoming v-amp-ires this Halloween

Isn't it scary how many batteries are not getting recycled properly?

Recycling batteries helps to prevent climate change, supports the circular economy and can contribute to your school's sustainable development goals by giving batteries a new life.

It's so easy to recycle! Order your battery recycling boxes today, and your school will also be entered into the WEEE Ireland Schools Battery Recycling Competition to be in with a chance to win one of six €2000 Sports Equipment Voucher!

SUSTAINABLE DEVELOPMENT GOALS

12 RESPONSIBLE CONSUMPTION AND PRODUCTION

13 CLIMATE ACTION

Competition Winner Tips

We asked 2022-23 winning school **St. Catherine's National School**, Co. Galway what they did to kick start their school's battery recycling.

"The Student Council had a meeting in October and came up with the idea to recycle batteries. They then went around to each classroom and encouraged the children to bring in all their used batteries to school where they would be recycled. We also put it in our school newsletter and asked all the families in the school to get involved."

Ready to start the Hunt?

Call on family, friends, neighbours and your community to help your school hunt for as many batteries as you can for recycling and your school could be one of our 2023-2024 winners!

Order Your Boxes Today!

Order Now

Remember always handle and dispose of all types of waste batteries safely and regularly to prevent potential hazards. See our **Battery Safety** web section for more information.

PROUDLY SUPPORTING

LauraLynn

WELSH & IRELAND'S CHILDREN'S HOSPICE

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Recycle for good... with us!

Visit weeireland.ie for more details. Tell us: **Recycle For Good?**

SCHOOLS COMPETITION

8 Weeks to Go!

The WEEE Ireland Schools Battery Recycling Competition closes in 8 weeks! Order your boxes today

The countdown is on and there's just 8 weeks left to enter this year's **WEEE Ireland Schools Battery Recycling Competition**!

It's time to round up those 'old' batteries and fill as many battery boxes as you can to be in with a chance to win one of six sports equipment vouchers!

To be entered into the competition, request a collection with our **online collection form** by:

Friday 12th April 2023

Don't forget, the schools with the most amount of batteries collected win - so get collecting and see how many boxes your school can fill.

The power is in your hands! How many batteries can your school recycle?

Find out more about the competition and enter today!

Competition Winner Tips

We asked some students at one of our 2022-23 winning schools, **St. Michael's RSCG**, for their tips to becoming a battery recycling competition winner.

Was there anywhere you got batteries from that you didn't know had batteries in it?

"Christmas lights, xbox controllers, a Barbie house, smoke alarms and radios."

How Would You Explain to Your Friends and Family how important it is to recycle batteries?

"You're helping the environment and you could raise money for charity."

Just keep recycling them to help the environment!

Read more tips from our six 2022-2023 winners here

Ready to take on the Challenge?

Every battery counts, so call on family, friends, neighbours and your community to help your school recycle as many batteries as you can and your school could be one of our 2023-2024 winners!

How to Get Started

Order your 10 free 5kg battery boxes and get collecting to be in with a chance to win one of six €2000 Sports Equipment Voucher! Remember to download your **free Battery Recycling Resources** to help with your drive.

Get Full Battery Boxes?

If you have at least 10 full boxes of batteries, please bring them in as well as your school and go online to request a pick up. Please include pick up point and contact details in the usual email information for a quick and easy collection.

Request a Pick Up

Remember always handle and dispose of all types of waste batteries safely and regularly to prevent potential hazards. See our **Battery Safety** web section for more information.

Why Should Your School Recycle Batteries?

SUSTAINABLE DEVELOPMENT GOALS

12 RESPONSIBLE CONSUMPTION AND PRODUCTION

13 CLIMATE ACTION

There's so many positives to battery recycling! It's an easy way to do your part to help tackle climate change and protect the environment.

Recycling batteries can contribute to your school's Sustainable Development Goals and Green Schools work to help contribute to the circular economy by giving batteries a new life.

The precious metals and materials recovered from recycled batteries can be used again to make lots of new items from spectacle frames, cars and pens to bikes!

By recycling your batteries you will also be supporting **LauraLynn Ireland's Children's Hospice**, with every battery you recycle going towards a donation fund to support their vital work.

How are you recycling your batteries?

If your school is running a battery recycling drive WEEE want to hear from you! Show us your efforts by sharing your photos and tips and tag WEEE Ireland so we can like and share!

Participating schools took to social media to promote their incredible recycling drives and efforts:



St Tiernans
Community School



Burnfort
National School



Killina National School
Kildare



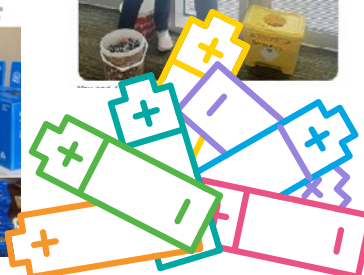
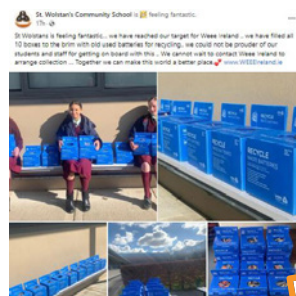
St Wolstens
Community School



Ahiohill National School
Cork



Kilkenny College,
Co. Kilkenny



New website home page carousel, competition pages and assets were developed for the new year -



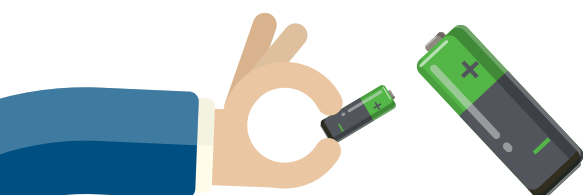
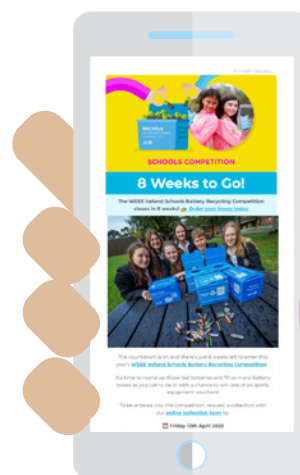
6million+
People Saw, Heard Or Read
About Schools Battery
Recycling Competition In 2023

2,800
Schools &
Recycling Partners
E-Newsletter
Recipients

480
Primary & Secondary
Schools Took Part



40%
E-Newsletter
Open Rate



142,000+
Pupils Recycled Waste
Batteries For Good!

2million+

AA Waste Batteries Recycled
(Equivalent) By Schools In 2023



Schools Battery Competition Wins 2023 PRII Award for Excellence In Public Relations

The Communications campaign for 2022/2023 Schools Battery Recycling Programme & Competition relaunch was awarded

**Best Communication Campaign
by a Not-For-Profit Organisation
or Non-Governmental Organisation**

at the 2023 PRII Awards for Excellence in Public Relations.



Robyn Macken, Head of Marketing
WEEE Ireland & Darren Hughes,
CEO Media Consult - PRII Awards 2023

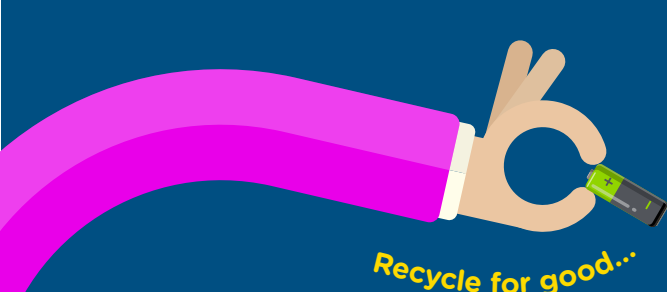


**RECYCLE
WASTE BATTERIES**

See safety instructions on rear of box and visit
weeeireland.ie/health-safety for further information



The Battery Recycling Programme Identity launched in 2022 was further extended as new supporting collateral and leaflets were produced for the Battery Operations team, merchandisers and collection point partners during 2023.



FREE Vape and E-Cigarette Recycling Awareness

WEEE Ireland's Free Vape & E-Cigarette Device Recycling via the WEEE Ireland Blue Battery Box Programme increased pace during 2023.

We continued a paid and organic social media campaign, and placed trade press ads in key c-store publications.

Awareness driving collateral and assets were distributed to all collection points, recycling partners and Producer Members to further amplify this crucial message.

Disposable, single-use, rechargeable vape and/or e-cigarette devices contain batteries and are EEE products (Electronic and Electrical Equipment) both of which can and should be recycled when they reach end-of-life.

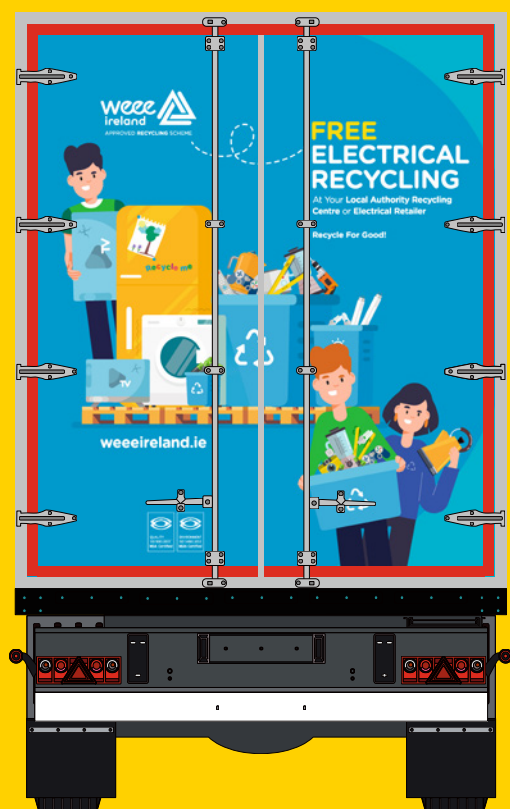
These devices can be recycled for free in WEEE Ireland's Blue Battery Boxes, which are found in most newsagents, supermarkets, electrical retailers, and Local Authority Recycling Centres/Civic Amenity Sites. Retailers of these devices are obliged to take them back for recycling on a one-for-one, like-for-like basis in-store or on delivery.

The crossed-out 'wheelie bin' symbol on these products highlights that they should never be placed in household waste for disposal, rather they should be recycled. As these devices may contain lithium batteries, it is important for Health & Safety that they are recycled correctly. Rechargeable vape devices should have the liquid tank removed prior to recycling



Livery & Fleet Branding

New branding was rolled out across WEEE and Battery fleet vehicles during 2023, bringing our Recycle for Good message to communities across Ireland.



Fleet rebranding 2023



WEEE Ireland new caddy van



Pakman Awards 2023

The Pakman Awards took place on 26th October in Dublin with awards to celebrate environmental champions who are shaping Ireland's future. As Ireland's leading National Environmental Awards, they seek to recognise excellence in sustainability, recycling, and efforts to reduce climate change as we move towards a more circular economy.

WEEE Ireland proudly continued sponsorship of The Battery & WEEE Champion Category, as the event entered its ninth year. This category rewards a business (retail or non)/community organisation/school or individual or initiatives that can demonstrate the extra steps they've taken to increase waste battery and/or electrical take-back for recycling and increase awareness of the need to recycle these waste streams.

Congratulations were in order for our partners Aldi Ireland who won the WEEE & Battery Recycling Champion and Recycle IT who won Community Recycling Initiative 2023.



**Kristiana Vitina & Jason Carolan, Aldi Ireland
with Leo Donovan, CEO WEEE Ireland**



John McEntee, Recycle IT with Bernie Kiely, Department of Environment, Climate & Communications



Only 1 in 5 Adults Recycling Old Tech due to Personal Data Concerns

Our 2023 annual consumer research study reported that concerns about personal data were preventing one in five (21%) adults recycling their unused tech items – while a further 22% kept them as back-ups. And WEEE figures from the previous 3 years also revealed that, for every 10 new tech products sold in Ireland, only 4 were eventually coming back for recycling when they became obsolete.

This meant that Ireland's recycling take-back rate for technology products since 2020 stood at 40% – well below the national e-waste target of 65%.

An average 6 million tech items – including mobiles, laptops, tablets, printers, cables and chargers – were sold in Ireland each year over the last 3 years.

WEEE Ireland urged consumers to dig out old and broken tech and their accessories for recycling, emphasising the straight-forward nature of backing up and wiping old devices. Highlighting that there are millions of devices languishing in Irish homes that could be recycled and put to good use once people could overcome their reservations about wiping them after they are properly backed up.

Most phone and laptop manufacturers have user-friendly instructions on their websites for backing up and deleting data, ensuring that valuable information is not lost or exposed.

The survey also found that worryingly 12% of people still put small electronic waste items in general household bins. If recycled correctly, these old and broken devices, along with their integrated batteries, chargers and cables, provide a significant source of critical and strategic secondary raw materials.

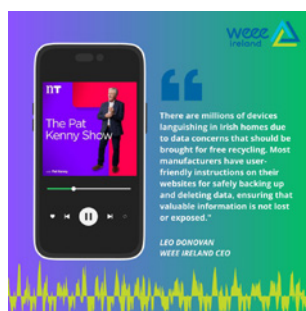
These are essential to both Ireland's and the wider EU's green and digital ambitions in various industry sectors, including renewable energy, transport, health and technology.

Cobalt and lithium are crucial for batteries, while gallium is critical for semi-conductors, but these critical raw materials are in scarce supply.



WEEE Ireland's CEO Leo Donovan spoke to media about how vital it is that Ireland is supported in delivering the European Green Deal, which includes the new Circular Economy legislation framework and forthcoming Critical Raw Materials Act, and aims to ensure a sustainable supply of critical raw materials for the EU's green and digital future.

And further highlighted that the new EU Battery Regulations due during 2023, will see a significant increase in battery collection targets to drive even better recycling and resource recovery.

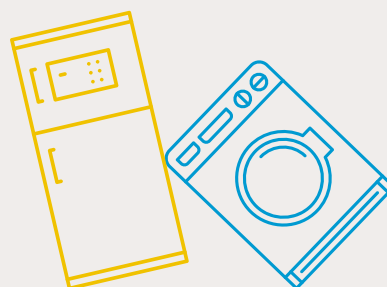




Annual Report 2022

From the 19th June, WEEE Ireland's Annual Environmental Report 2022 and CEO were featuring across national and local media (TV, Radio, Online, Print & Social Media).

Key messaging sought to highlight that although the results showed consumers recycled a record number of e-waste items in 2022 – 40,804 tonnes or just over 10kg per person – Ireland and other European nations are at risk of jeopardising green energy sources if we fail to hit new EU targets to source critical raw materials from recycling.







International E-Waste Day

Powered by the WEEE Forum and WEEE Ireland

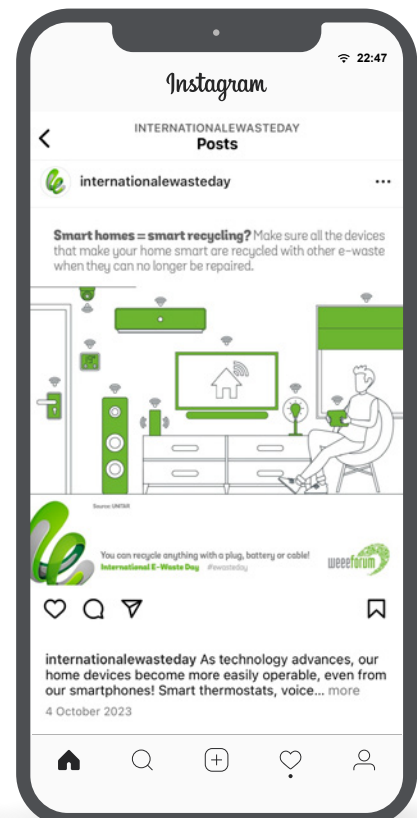
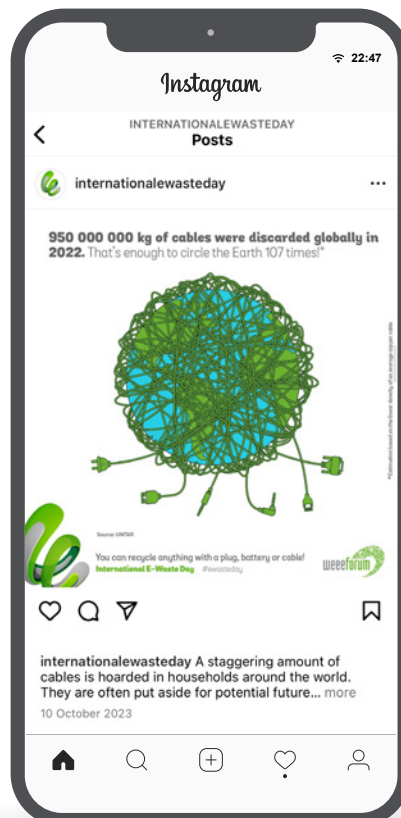
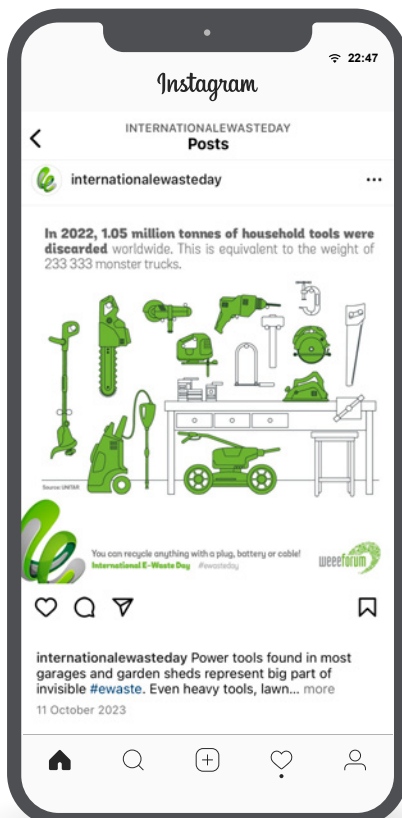
International E-Waste Day 2023

The sixth International E-Waste Day took place on 14th October 2023. WEEE Ireland brought awareness to the 2023 campaign theme of 'invisible' e-waste. Highlighting household electrical items that are not commonly thought of as e-waste once they reach end-of-life.

The data revealed a staggering 25 million small electrical and electronic products like toys, vapes, cables, remote controls and USB sticks are mistakenly lying in landfill sites, homes and sheds across Ireland, global data shows.

The huge collection of broken and unused items is contributing to a mountain of 'invisible' e-waste, according to the 2023 United Nations Institute for Training and Research (UNITAR).

UNITARS research further reported that consumers in Ireland generated 11 million kilos of small electronic waste in 2022 – the equivalent of 25 million items. The precious and valuable metals they contain lost forever unless they enter Ireland's approved recycling system.



Globally, these smaller e-waste items were estimated to weight 9 billion kilos and to contain almost \$10 billion in recoverable, essential secondary raw materials.

Invisible e-waste often goes unnoticed due to its nature or appearance, leading us to overlook its recycling and re-use potential.

We tend to know household electrical products as those we plug in and use regularly. But we don't realise some battery-powered or wired-in products like a smoke detector or smart thermostat are electrical products because they don't have a plug." said Elizabeth O'Reilly, Head of Environmental Compliance & Membership speaking as part of the 2023 E-Waste Day Campaign.



Elizabeth O'Reilly, Head of Environmental Compliance & Membership, WEEE Ireland

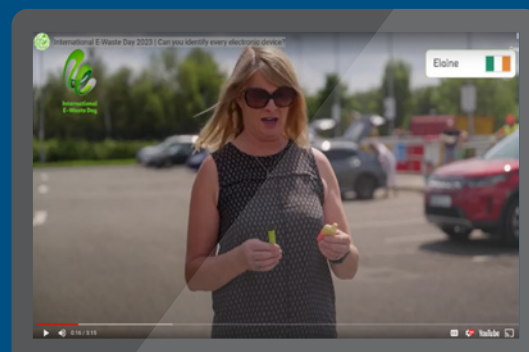
The international data, commissioned by WEEE Forum, of which WEEE Ireland is a member, also showed that small battery or rechargeable toys such as racing sets, electric trains, music toys, gaming and drones account for over a third of all invisible e-waste. An estimated 7.3 billion of these are carelessly discarded in general waste every year.

The second biggest category of small e-waste is 5.5 billion household monitoring and control equipment such as alarms, followed by household tools such as drills, saws, high pressure cleaners and lawn mowers (over 4 billion).

The study also found that enough charging and power cables to circle the Earth 107 times and containing precious, easily recyclable copper, were discarded last year.

The volume of discarded vapes every year weigh as much as 6 Eiffel Towers. Vape devices contain lithium, considered by the European Commission a 'strategic raw material' crucial to the EU's economy and green energy transition, but supplies are at risk.

As part of the wider global E-Waste Day Campaign WEEE Ireland again promoted the campaign through a national and regional PR campaign, sharing the campaign's vast social media assets, video and animations. WEEE Ireland also contributed to a number of Vox-Pop style video compilations with members of the public from across the world speaking about e-waste.





Only 10% Electronic and Battery-Operated Toys Being Recycled



Only four in ten of the most popular electronic and electrical gifts sold in Ireland have been recycled in the past three years, new data shows today.

Since 2020, just 40% of end-of-life consumer electricals such as hair straighteners and shavers, smartphones, tablets, bluetooth headphones and speakers have been diverted from landfill sites.

As the festive spending spree gets into full swing, the damning figures also show that the recycling rate falls to just under 10% for electronic toys such as gaming consoles, e-scooters, e-bikes and battery-operated action figures.

The research, collated by Waste Electrical and Electronic Equipment (WEEE) Ireland, shows almost 7.5million electrical toys were sold in Ireland over the last three years – over a third of these in November and December.

Additional findings from the 2023 study by the United Nations Institute for Training and Research (UNITAR) reporting consumers worldwide discarded a staggering 7.3 billion electronic and electric toys in 2022 – one toy for every person on the planet.

Many of these items hold the potential for repair, reuse, or gifting,” said Leo Donovan, CEO WEEE Ireland commenting on the findings.

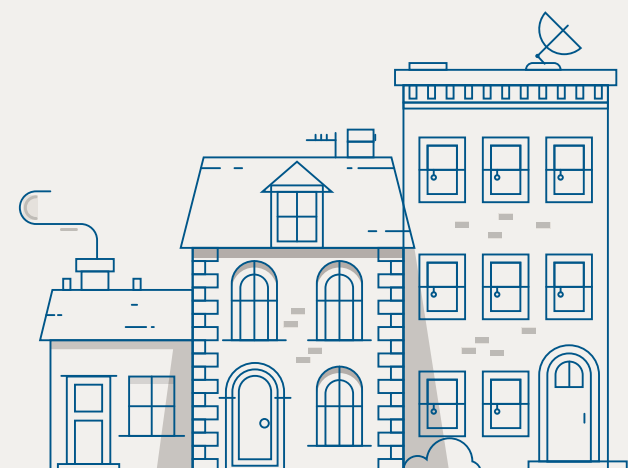
“However, in cases where this is not feasible, it’s crucial to recycle them, and it won’t cost you a cent at one of the hundreds of free recycling drop off points nationwide.”

MyWaste.ie

In 2023 WEEE Ireland continued our partnership and support of **My Waste** - Ireland's official online guide to managing your waste. An initiative powered by the Regional Waste Management Offices on behalf of the Department of Environment, Climate and Communications.

The site provides a helpful A to Z directory of information on all waste streams, maps of recycling drop off points, waste services and bye laws, information to help prevent waste, repair, reuse and upcycle and much more. Members of the public can easily find everything they need and want to know about managing their waste responsibly, efficiently and sustainably.

WEEE Ireland have worked with My Waste since its launch in 2018, sharing resources and information, campaigns and amplifying each other's communications. We share the common goal of increasing public awareness that recycling turns our waste materials into new useful products, reducing the use of finite raw materials, saving energy and helping control air, water and land pollution.



Building A National Voice

Under Waste Action Plan for Circular Economy (WAPCE) funding measures - the Eastern Midlands in conjunction with both the Connacht Ulster and Southern Regional Waste Management Planning Offices (RWMPO), on behalf of the Department of Environment, Climate and Communication (DECC), with support from the two Irish Producer Responsibility Schemes for Electrical and Battery Recycling - WEEE Ireland and the European Recycling Platform (ERP) - commenced development of a first-of-its-kind national electrical recycling public awareness campaign for Ireland.

WAPCE Measure

The EPR chapter of the Waste Action Plan for a Circular Economy contains a specific measure on funding by EPR schemes for awareness and enforcement, the measure states:

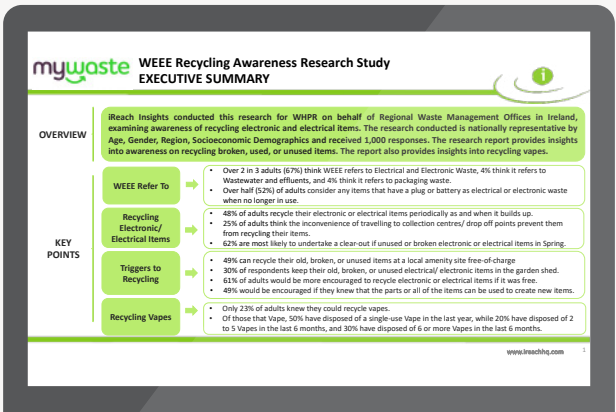
Through conditions of the Ministerial approvals under which they operate, we will mandate that all EPR schemes contribute towards a sustainable national funding model for awareness and enforcement.

This pilot project will inform the development of a more permanent national funding model for awareness raising in the WEEE stream.

Led by the RWMPO, the working group embarked on several project stages in the development of the campaign during 2023.

Campaign goals were set out as:

- Increase Ireland's WEEE recycling rate, to achieve the EU target of 65%
- Raise public awareness of household electrical recycling (What, Where, Free)
- Increase the number of people who recycle their household electrical waste
- Drive footfall and recycling at the authorised free drop off points nationwide
- Direct more consumers to MyWaste.ie



A benchmark public awareness survey was carried out to establish general understanding of commonly used terminology, knowledge of items and products that qualify as electronic, knowledge of the recycling network and to garner common reasons for or not recycling electrical:

Insights on behavioural change science and how best to incorporate these within the final campaign were commissioned:

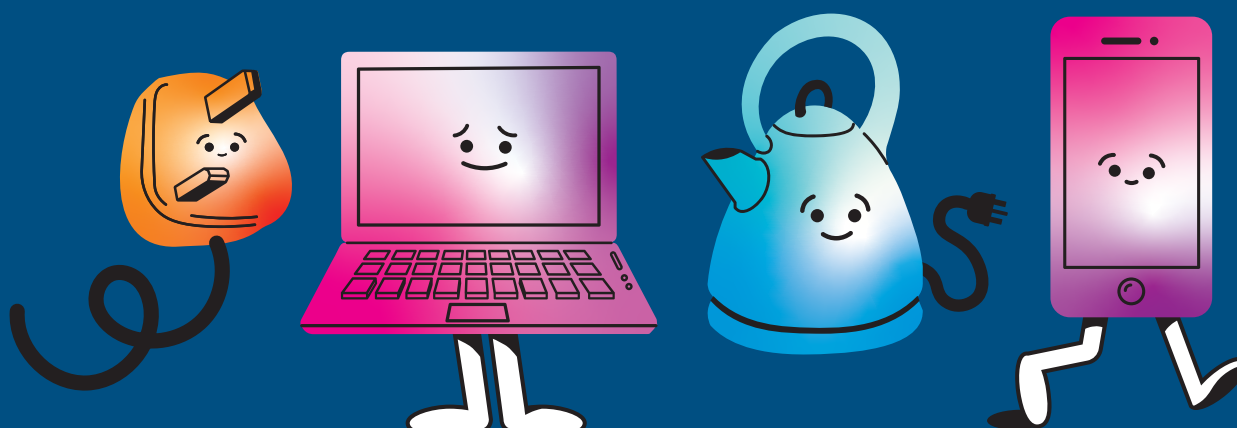


A Tender Process to engage a creative company

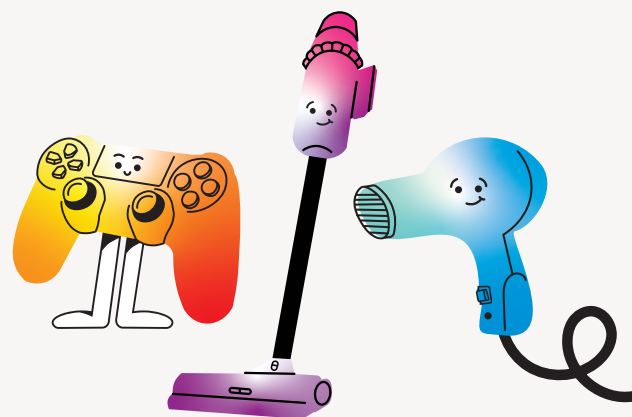
to design and develop materials/assets suitable for a range of communication channels and platforms that would engage members of the public for the duration of the campaign. It was also included that a 'toolkit' of assets for use by WEEE collection points to further amplify the reach of the campaign at community level would be included.

Over the 6 month development period, the selected creative agency led the working group through a creative process that incorporated outlining the brief, 'scoping' appropriate language, product groupings and definitions, initial concepts, focus group design/message testing.

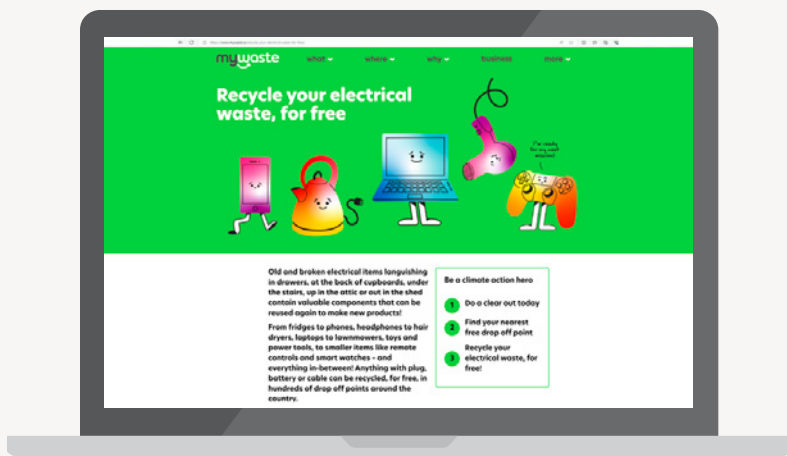
From this, a set of colourful electrical product 'characters' and final campaign messaging was produced in dual language (Irish & English) for the advertising, website and PR launch elements.



A campaign media advertising schedule was planned out beginning in Jan 2024, running until June 2025. The activity calendar would consist of a number of larger advertising 'bursts' with national and local radio advertising, billboards, digital screens, digital display and social advertising. These larger ad 'bursts' would in turn be supported by 'always-on' digital and social advertising running between them, throughout the 18-month campaign period.



A campaign web-landing page on MyWaste.ie was built and populated with key campaign information, graphics and an interactive collection point map. The campaign web-landing page also offered a downloadable 'hub' of all campaign 'toolkit' of assets for all collection points.



A national and local PR launch was planned and produced. Photography, video and national and localised press releases were produced. Minister Ossian Smyth agreed to act as lead spokesperson on behalf of the DECC and MyWaste, with local spokesperson support from both Schemes CEO's.

Ireland's guide to waste
mywaste

weee
Ireland

European
Recycling
Platform



Rialtas na hÉireann
Government of Ireland

Campaign development assets included courtesy of: iReach Insights, Behaviour Wise, Design Works, Ebaw Digital, Spark Foundry & Wilson Hartnell PR.

Member Listing 2023

Member Listing 2023



360 Degrees Cycles Ltd
 3M Ireland Ltd.
 53rd Parallel Electrical Distribution
 7 DAY AUTO LTD
 8 Star Energy ESS Limited
 A AABound Ltd
 A&J MOBILE PHONE LIMITED
 A. Hartmann & Son Ltd
 A.P. Haslam Ltd.
 A.R.O'Hare & Co Ltd
 AB Power Systems Ltd
 Abacus Systems & Networks Ltd.
 Abbingdon EU BV
 Abbott Laboratories Ireland Ltd.
 ABC Abrasives Ltd.
 Accora Limited
 ACCU-SCIENCE IRELAND LTD
 ACEC Distributors Ltd
 Acoustic Technologies Ltd
 Actavo (Ireland) Limited
 Action Alarms Ltd
 Active Energy Control Ltd
 ADATA Technology Co Ltd
 Adidas (Ireland) Limited
 ADT Fire & Security Limited
 Advanced Laser Systems Ltd
 Advanced Sterilization Products Ireland Limited
 Advantech Europe BV
 AEF Limited
 Aereco Ltd
 Agfa Ltd
 Agfa NV-Ireland Branch
 Agilent Technologies Ireland Ltd
 AGRI HEALTH LTD
 Aherns of Kerry Ltd
 Ailesbury Commercial & Industrial Security Ltd
 Airmount Beauty
 Airthings A/S
 AKH Concepts Limited
 Alavina Investments Ltd
 Alcon Eye Care UK Ltd
 Aldi Stores (Ireland) Limited
 Allegro Ltd.
 Allergan Pharmaceuticals International Ltd
 Allied Fire Protection Ltd
 Allied Imports Ltd.
 AlphaTheta EMEA Ltd
 Alumina Lighting Ltd
 AM Dunne & Son Ltd
 Amazon Data Services Ireland Limited
 Amazon EU Sarl
 Ambassador Communications Ltd

Member Listing 2023

American Video Equipment (Europe) Ltd	Balscadden Online
Amway (UK) Ltd	Banaghan & Co. Ltd
Anixter Distribution Ireland Ltd	Bandon Motors (Bandon) LTD
Anker Technology (UK) Ltd	BARB ELECTRICAL CO LTD
Ann Summers Ireland (Retail) Ltd	Barco N.V.
Ansell Sales & Distribution Republic of Ireland	Barcon Powersports Ltd
Anthony Tully Components Ltd	Barker Photographic Ltd
Apple Distribution International Ltd	Batteryman Distribution Ltd
Apption Labs GmbH	Bayer Ltd.
Arc Tec Welding Ltd	BBikes Ireland
Archilux Lighting Limited	Beacon Medical Distribution Ltd
Arco Safety Limited	BEAUMEX UNLIMITED COMPANY
Ardam Ltd	Beauty Features Limited
Ardilaun Electrical Services Ltd	Bechtle Direct Ltd
Argos Distributors (Ireland) Ltd	Beckman Coulter Diagnostics Ltd
Arista Networks Limited	Becton Dickinson U.K. Ltd
Arjo (Ireland) Ltd	BEDROOM ELEGANCE SALES LTD
Arklow Electrical Wholesale	Beechfield Healthcare Ltd
ARKPHIRE IRELAND LTD	Beechill Enterprises Ltd
Arrow Central Europe GmbH	Beko plc
Arrow Emergency Lighting Ltd	Bell Lighting Ireland Ltd
Asahi Kasei Bioprocess Europe S.A./N.V.	Bella Baby Limited
Ascent Information Technology Ltd	Bellew Electrical Ltd
Asetek Danmark A/S	Bene Office Furniture Ireland Limited
Ash Technologies Ltd.	BENNERS GARAGE LTD
ASOS.com Limited	Bergfreunde GmbH
ASSOCIATED HARDWARE PLC	Bering Time ApS
Astral Healthcare Limited	Berkel Ireland Limited
Audi Athlone	Better Energy Management Ltd
Audi-Lab Hearing Specialists Ltd	Bewleys Limited
Audio-Technica Ltd. - Dutch Branch	Beyerdynamic GmbH & Co. KG
Autodoc AG	BHC Distributors Ltd
Autogate and Door Systems Ltd	Bike24 GmbH
Automated Technical Controls Ltd	BioMerieux UK Ltd
Automatic Identifications Systems Ltd	Bio-Sciences Limited
Automatic Sprinkler Company (Ireland) Ltd	Bixolon Europe GmbH
Automation Supplies Ltd	Black Diamond Equipment Europe GmbH
Automobile Power Ltd	Black Label Jacuzzi Ltd
Avaya International Sales Ltd	Blackchurch Leisure Ltd
Avcom Audio Visual Communications Limited	Blue Ocean Robotics ApS
Aviano GmbH	Bluestar Europe Distribution BV
AVONMORE ELECTRICAL CO LTD	Bluestone Sales & Distribution Ltd
Axkid UK Limited	BMW Automotive (Ireland) Ltd
Azette Ltd	BNR Ltd
B S Lewis Limited	BOC Gases Ireland Ltd
B&G LTD	Bodel Distributors Ltd
B&Q Ireland Ltd	BODYSCENT INTERNATIONAL LTD
B&R Industrial Automation Ltd	Boland and Walsh Car Sales Ltd
B&W Group Ltd	Bolt Itx Ltd
B. Braun Medical Ltd	Bord Gais Energy Ltd.
Baker Hughes EMEA UC	Bose SMS Ltd
Balsam International Unlimited Company	BP MULTIPAGE LTD

Member Listing 2023

Brainlab Sales GmbH	Carr Sewing Machines Ltd
Brand Addition Ireland Ltd	Carrier Fire & Security Ireland Limited
Brandon Marketing Ltd.	Casa Bella Hosiery Ltd
Brel Nederland B.V.	CASSIDY ELECTRICAL SUPPLY CO.
Brendan Doyle Motorcycles	CASTLE ELECTRICAL FACTORS LTD
BRETT SUPPLIES LTD	Castle Mechanical Handling Co Ltd
Bridgestone Mobility Solutions B.V.	Cathal Duffy Ltd
Bright Lights & Interiors Ltd	CAULFIELD INDUSTRIAL UNLIMITED COMPANY
Britelux Lighting Limited	CCS Media Europe
British Telecommunications Plc	CCTV Systems Blessington Retail
BRNO INVESTMENTS LTD	CDW-I IT Solutions Ltd
Broadcast Technical Services Ltd.	Cedar Motors Limited
Brooks Timber & Building Supplies Limited	Cell Again Ireland Limited
Brother International Europe Ltd	Celtic Surveys Ltd
Brother Ireland DAC	Centrepont Autos Ltd
Brother Sewing Machines Europe GmbH	CH MARINE LTD
BROWN THOMAS ARNOTTS	Chadwicks Group
BSH Home Appliances Ltd	Chal-Tec GmbH
BT Communications Ireland Limited	Chameleon Capital Ltd
Buckley Cycles Ltd	Change Healthcare Ireland Solutions Limited
Burke Bros Son & Co. Ltd	Char-Broil Europe GmbH
Busch Ireland Ltd.	ChargePoint Network (Netherlands) B.V.
Bushell Interiors Ltd	Charles Hurst Dublin Ltd
Business Electronic Equipment Ltd	Charlie Shiels Ltd
Buy It Direct Ltd	Cheetah Electronics Ltd
BYD EUROPE B.V.	Chill Cooler Limited
Byrnes Electrical Wholesale Ltd	Chronotherm Controls Ltd
C&F Quadrant Ltd	Chubb Ireland Ltd
C&G Gallagher Ltd	Cisco International Ltd Ireland Branch
C. & J. CLARK INTERNATIONAL LIMITED	Citrix Systems UK Limited
C. Josef Lamy GmbH	Claire's Accessories UK Ltd
C.H. Autos Ltd	Clardex Systems Ltd
CA Europe SARL	Clarity Computer (Distribution) limited
CAA Security Systems	Classic Hardware Limited
Cailin Celtic Jewellery Ltd	CLEARVIEW BLINDS
Caldor Energy Solutions Ltd	Clenli Direct Ltd
Calpeda Pumps (Ireland) Ltd	Clifford Barron Auto Solutions Limited
Came BPT Ireland Ltd	Clifford Electrical Wholesalers Ltd
Camsaw Distributors Ltd	Climote Limited
CANON EUROPA N.V.	CLONAKILTY CAR CENTRE
Canon Ireland Business Equipment Ltd	Clonee Wholesale Electrical
Canyon Bicycles GmbH	CMS Distribution
Capital Water Systems Ltd	CobiNet - Fernmelde- und Datennetzkomponenten GmbH
Capralux Ltd.	Coca Cola HBC Ireland Ltd
CapsuleTech SAS	Cochlear Europe Limited
Card Factory Ireland Ltd	Codec-dss Limited
Cardiogenics Ltd	Codex Ltd
Cardiotec Medical Ltd	COFFEY HEALTHCARE LTD
Care About You Ltd	Cogans Garage Limited
Cargotec Ireland	Cognex Ireland Ltd
Carnival Corporation & PLC	Coleman Electronics Ltd
Carnival Trading Company Ltd	Colton Motors Ltd

Member Listing 2023

Combilift Unlimited Company	DCV McDavid Limited
CoMotion Mobility Solutions Ltd	Decdeb Limited
Component Distributor (CD Ireland) Limited	Delaney Interests Ltd
Comvoc Technologies	Dell Products Unlimited Company
Conns Cameras (graffon arcade) Ltd	DEM Machines Ltd.
Conor Cassidy Cars Ltd	Demesne Electrical Sales Ltd
Convatec Healthcare Ireland Limited	DENSO Europe B.V.
Cook Ireland Ltd	Derek Considine Car Sales Limited
Copperfish Studio	DERMOT MURPHY LTD
Corajio Unlimited Company	Derry Taheny Electric Ltd
CORE ELECTRICAL LTD	DERRYWOOD AGENCIES & DISTRIBUTORS LTD.
Corkery Dowd Ltd	Des D'Arcy Motors Ltd
Corrigan Cars Limited	Design Features LTD
Corry's Ironmongery Limited	DESIGNLIGHT IRELAND LIMITED
Cosgraves Garage Castlebar Ltd	deWiz Golf AB
Costard Investments Ltd	Diebold Nixdorf (Ireland) Limited
CPYou B.V.	Digi Systems (Ireland) Limited
Cradlepoint Inc.	Digicom Office Technology Ltd
Crean Solutions Limited	Digital Flying Tiger Copenhagen A/S
Creative Retail Distribution	Direct 2 U Retail Ltd
Creative Technology (Audio Visual) Ireland Ltd	Direct Medical Ltd
CRQ Limited	Disruptive Technologies Research AS
Crystal Media Ltd.	Diversey Hygiene Sales Limited
CSL-Computer GmbH	DKA Retail Ltd.
CT Cool Time GmbH	DLIGHT CONCEPTS LTD
CTS Systems	DOHENY AUTOMOTIVE LTD
Cucina Ltd	Dolby International AB
Cummins Ltd	Dolkun Ltd
Current Lighting Limited	Dominic Fleming Electrical Accessories Ltd
Curvature LLC	Domus Projects Ltd
Cycle-Union GmbH	Donaghy Electrical Limited
Cytiva Ireland Ltd	Donegal Commercial Vehicles Ltd
D & P Multimedia Products Ltd	Doodlehouses SL
D RYAN ENTERPRISES	Doro AB
D.H Meters Ltd	Doyle & Doyle Wholesale Ltd.
DACTEC Ltd	Draper Tools (Ireland) Limited
DAF Distributors Ireland Ltd	DSM Distribution Ltd
Daikin Europe NV	DSS-Supply Limited
Daktronics Ireland Co. Ltd	Dualtron Ltd
Dalton Car Sales Ltd	Dublin City Cool Ltd
DALY INDUSTRIAL SUPPLY CO LTD	Dublin Gas & Electric Ltd
Dalys Electrical	Duggans Garage Kerry Ltd
Damovo Ireland Ltd	Dundalk Lighting
Danfay Limited	Dunleas Garage t/a Bella Enterprises
Danfoss A/S	Dunnes Stores Unlimited Company
Darlo Enterprises	DUOLAB UK LTD
Darragh O'Regan Motors Ltd	Duravit AG
Datapac Unlimited Company	DWN Instrumentation Ltd
David Curran Wholesale	DYSON IRELAND LTD
David Fun Max Ltd	E Fox Engineers Ltd
DAVID LOWE AND COMPANY LTD	E. J. BODKIN & CO LTD
David Quigley Autos Ltd	E. Wiener Bike Parts GmbH

Member Listing 2023

E.M.P. Merchandising Handelsgesellschaft mbH
EA Accessories Ltd
EA SYMMONS LTD
Earthly Emporium
Earthridge International Ltd
Eason Ltd.
EASYCAM
Easytrip Services Ireland Ltd
Eaton Electrical Systems Ltd
ECI LIGHTING LTD
E-Cigarettes 4u Ltd
Ecigarette Wholesale Limited
Eco Vision Ltd t/a Easy Motion
Ecobat Battery UK Ltd
Ecolab Limited
ECOVOLT LTD
Eden Skincare Ltd
Edward Kelly
Edwards Lifesciences
EET Ireland Ltd
EEW Ltd
Effective Distribution Ltd
Egan Electrical Equipment (Ireland) Limited
EINHELL UK LTD
Eircom Limited
Elavon Financial Services DAC
Electraction Ltd
Electramed Ltd
Electric Paddy Bikes & Scooters Ltd.
Electric Power Tool Co Ltd
Electrical Mechanical Controls Ltd
Electrical Supplies Ltd
Electrifying Ventures Limited
Electro Automation Ltd
ELECTROBUY LIMITED
Elemental Technologies LLC
Elite Healthcare Limited
Elite Security Products Ireland Ltd
Elk Electronics Ltd
Ellab Ireland Ltd
Ember Technologies, Inc.
EmCon Systems Ltd
Emergency Response Ltd
Emerson Automation Solutions Ireland Ltd
Emporia Telecom GmbH & Co. KG
Endor AG
Energy Monitoring Ireland Ltd
Energywise Savings Ireland Ltd
Enhancing Health & Wellness Limited
Environmental Monitoring Services Irl Ltd
EPH Controls Ltd
E-Pire Limited

Epson Europe BV
Epson Subscription Europe BV
EPT IRL LTD
Equicom Ltd
EQUIPMENT COMPANY OF IRELAND
Esaote SpA
E-TEC Power Management Ltd
Ethos Technology Ltd
EURO CAR PARTS IRELAND LTD
Euro Sales Ltd
EURO TREE WHOLESALE LTD
Eurogeneral Retail Ltd
EUROPEAN STOVES & FIREPLACES
Europower DC Ltd
Euroroute Logistics Limited
Eve Systems GmbH
Evertree Store Ltd
Evra Motors
EW Technologies LTD
EWL ELECTRIC LIMITED
Excel Electric Group Ltd
Excel Plumbing Products Limited
Exertis Ireland Ltd
Exertis Supply Chain Services Ltd
Exhale Vapour Ltd
Expert Ireland Retail Sales Plc
Expert Professional Products Ltd
Exsparetise LTD
EXTREME COMPUTERS LTD
Extreme Networks Ireland Ops Ltd
Fagerhult Lighting Ltd
Failte Energy Solutions
Fannin Ltd
FARNELL COMPONENTS (UK) LIMITED
Farrell Microscopy Limited
FDR TYRES LTD
Fergusons Hearing Aid Clinic Ltd
Fermoy Nissan Ltd
FG Wilson Engineering (Dublin) Ltd
Fields Retail Limited
First Solar GmbH
Fisher & Paykel Appliances Limited
Fitbit International Limited
FLACK BROTHERS LTD
Flaherty Markets Ltd
Flair Hair & Beauty Supplies Ltd
FlaktGroup Ireland Ltd
Fleming Medical Ltd
FLIR Belgium BVBA
FLIR Integrated Imaging Solutions Inc
FLIR Systems Trading Belgium BVBA
Fluence Energy GmbH

Member Listing 2023

FMG ELECTRONICS (DISTRIBUTORS) LTD	Glenkrag Ireland
Focus Scientific Solutions Ltd	Global Village (Dublin) Ltd
FOGARTY LOCK AND SAFE CO LTD	Globalstar Europe Satellite Services Ltd
Fónua Ltd	GN Hearing Uk Ltd
Food Solutions Ltd	Go10 CE Distribution Limited
Forcefield Active Technology Ltd	GoBeyond Ltd
Forescout Technologies Inc.	Goldcrop Limited
Forklift Services and Handling Equipment Ltd	GoodWe Europe GmbH
FORM Athletica, Inc.	Google Commerce Limited
Formwave Ltd	GoPro Inc
Fortus Ireland Ltd	Gorilla Sports GmbH Zentrale
Fossil UK Ltd	Gosecure Ltd
Francis McDonagh Tyres Ltd	Gowan Motor Distribution Ltd
Frank Flanagan Fittings Ltd	Gowan Motor Retail Group Ltd
Fresenius Medical Care (Ireland) Ltd	Grant Car Care Ltd
FTI Fire Technology Ireland Ltd	Grant Engineering Ireland Unlimited Company
Fujifilm UK Ltd	Graseby Medical Ireland Ltd
Fujitsu Ireland Limited	Gravitation Ltd
Futura Electronics Ltd	Great Island Motors Ltd
G Molins and Company	Green Coffey Technology Ltd
G2 Speech Ireland Ltd	Green Connection
GALLAGHER POWER FENCE SYSTEMS IRL LTD	GreenAer Mobility Ltd
Gannons Garage (Westport) Ltd	GreenDisti Ltd
Garo Electric Ireland Ltd	Groupe SEB UK Ltd
Garrabridge Ltd	Hafele Ireland Ltd
Gas Networks Ireland	Hager Ltd
GATEVALE LTD	Hall Alarms Ltd
Gavigan Electrical	HappyOrNot Ltd
Gaynor Pearse Motor Factors Ltd	Harken Time Solutions Ltd
GC AUTOS LTD	Harry Corry Ltd
GE Energy (Ireland) Ltd	HARVEY NICHOLS (DUBLIN) LTD
GE Medical Systems Ireland Ltd	HARVEY NORMAN TRADING (IRELAND) LTD
Gear4music Limited	Hasbro SA
Geary's Garage Ltd	Haworth Ireland Office Solutions Ltd
Genesis Fine Arts Ltd	Heatingshop Ltd
Genetec Inc.	Heatons Unlimited Company
Genfitt Mayo Ltd	Hegarty Lighting Ltd
German Car Parts Centre Limited	HEMBELSTAN LTD.
Gerry Cumiskey Ltd.	Henley Forklift Group Ltd
Gerry Matthews Engineering Ltd	Henry Ford & Son Ltd.
Gersan Services Ltd	Henry Schein Ireland Ltd
Getinge Ireland Ltd	HER Photo Supplies Ltd
GFM Commercial Enterprises Limited	HERCULES GmbH
GHO Distribution Ltd.	HERRON AND SON LIMITED
Giesecke+Devrient Mobile Security Iberia S.A.	Hevac Ltd.
GKRT LTD	HHGL (ROI) Ltd
GL ALTERNATIVE SOLUTIONS LTD	Hi Fidelity AV Ltd
GL Entertainment Distributions Limited	Highcove Unlimited Company
Glam Doll Ltd	Highway Wholesalers Ltd
Glamox Ireland Ltd	Hilti (Fastening Systems) Limited
GLEN DIMPLEX IRELAND UC	Hitechniques Ltd.
Glenergy Ltd	HI-VOLT IRELAND LTD

Member Listing 2023

HKC Security Limited
HMD Global Oy
Home Appliances Unlimited Company
Home Health Care Ltd.
Homecare Medical Supplies Unlimited Company
Homesecure
Hong Kong Ugreen Limited
HOOVER LIMITED
Horizon Safety Systems Ltd
Hornibrooks Garage Lismore Ltd
Hospital Services Ltd
House of Lights Ltd
Howden Joinery (Ireland) Ltd
Huawei Technologies (Ireland) Co. Ltd
HUBER+SUHNER (UK) Ltd.
Hubris Ltd
HUGH JORDAN & COMPANY LTD
HUGO LOONAM MOTORS LTD
Humanscale International Holdings Ltd
Hunter Douglas UK Retail Ltd
Hyundai Cars Ireland Unlimited Company
I C Plus Ltd
I.M. AUTOMOTIVE LIMITED
Ian A. Kernohan (N.I.) Limited
IBM Global Financing Ireland Limited
IBM Ireland Ltd
Icentia Limited
Icomera AB
ICU MEDICAL U.C
Ideal Car Sales Ltd
Ideal Foods
IDEXX Diagnostics Limited
iFit Health & Fitness Ltd
IFM Electronic Ltd.
IFS Integrated Fire Solutions Ltd
IKEA Ireland Ltd
Ille Services Ireland (Ltd)
iLOQ Oy
IM New Energy Vehicles Irl Ltd
Imagine Network Services LTD
Independent Health Care Service Limited
INDUR (WHOLESALE) LTD
Infinera Corporation
Ingersoll-Rand Industrial Ireland Ltd
Ink Maestro Ltd
Innovation Zed
Instagrid GmbH
Integral Lighting Ltd
Interactive (Ireland) Ltd
Interaxon IR Ltd
Interchem (Ireland) Limited
International Trade Craft Laboratories Ltd

Invacare Ireland Limited
IOResource Ltd
Irish Beauty Merchants Limited
Irish Commercials Sales Ltd
Irish E-Juice Direct Ltd
Irish Farm & Garden Machinery
Irish International Trading Corporation(Cork) PLC
Irish Security Distributors Ltd
Irish Soft Drinks Ltd
iRobot UK Ltd
Irwin Group Distribution Ltd
ISHINE IRELAND LTD
Iskus Health Ltd
ITC Distribution Limited
ITW GSE Aps.
J J MCQUILLAN SON & COMPANY LTD
J. Choo Limited
J. Parker Car Sales And Services
JA Solar GmbH
Jaguar Land Rover Ireland Limited
James A Barry & Company UC
Java Instruments Technologies Ltd
JDM Eastgate LTD
JDM Products Ltd
Jeffers Music Company Ltd
Jefferson Professional Tools and Equipment Ltd
JH DONNELLY LTD
Jim Carey Car Sales
Jimmy Barry Motors Ltd
JMN Fire Alarms Ltd
JNTL Consumer Health I (Ireland) Limited
Joe Duffy Dun Laoghaire Ltd
John Adams Car Sales Ltd
John Deere Forestry Limited
John McCabe Motors Ltd
John McKenna Lawnmower Spares
John Mills Ltd t/a JML Direct
JOHN MURPHY (CASTLEREA) LTD
John Player & Sons Ltd.
JOHN STAFFORD & SONS (DUBLIN) LIMITED
Johnson & Johnson Ireland Ltd
Johnson & Perrott Ltd
Johnson Controls Hitachi Air Conditioning Europe SAS
Josef Kranzle GmbH & Co. KG
Joseph Murphy (Ballina) Ltd
JR Bailey Distribution Ltd
JTI Ireland Ltd
Julius Blum GmbH
Jungheinrich Lift truck Ltd
JYSK Ltd
Karcher Ltd
Karl Farmer Motors

Member Listing 2023

Karmarton Ltd	LEDVANCE Benelux B.V. - Irish Branch
Karreman Enterprises Ltd	LEGO System A/S
KCI Medical Ltd	Lenovo Global Technology Ireland Limited
Keaney Medical Ltd	Lenovo Ireland Limited
kellihers garage ltd	Leslie Roycroft & Sons Garage Ltd
Kenny Galway Ltd	Levelling Equipment Services Ltd
Kenwood Limited	LG Electronics UK Ltd
Kestra Electroweld Ltd	Libelium Comunicaciones Distribuidas S.L.
Kestrel Communications Ltd	Lidacel Ltd
KESWICK ENGINEERS LTD	LIFFEY DISTRIBUTORS
KEVIN BRODERICK LTD.	Lights4fun Ltd
Kevin Egan Cars Ltd	LILLY FUSION LIMITED
Kevin Giles Motors Ltd	Linde Material Handling (Ireland) Ltd.
Kevin Mahon Motors Ltd	LISTOWEL AUTOS LTD
Kew Distributors Ltd	LITEHOUSE ACCESSORIES LTD
Keyence UK Ltd.	Livisham Ltd
KeyMed Ireland Ltd	Lovehoney Ltd
Kia Motors UK LTD	LR Active Ltd
Kieran Whelton Motors Ltd	Lucid Vision Labs, Inc.
KILCOYNE AND SCAHILL MOTORS LTD	LumiraDx UK Ltd
Kilkenny Welding Supplies Ltd	Lumitech Ltd
Killgerm Ireland Ltd	Lux Bespoke lighting Ltd
Kitchen Accessories Limited	Luxottica Group SpA
KLA-Tencor Ireland Ltd	Lyncare Ltd
KM KS Retail Ltd.	Lynch Medical Supplies (LMS) Ltd
Knn Media Limited	LYNN MOTORS LTD
Kohler Uninterruptible Power (Ireland) Limited	Lyric Ireland Ltd
Komplett B.V.	M Grant Service Station Ltd
Konig + Neurath AG	M J FLOOD (IRL) LTD
Konrad Hornschuch AG	M. KELLIHER 1998 LTD
KoRo Handels GmbH	MAAS SAS
KOS Ergonomic Solutions Ltd	Magic Leap Inc
Kraiss Systems GmbH	Magimix UK Ltd
KRITMAN COMPANY LTD	Magnet Networks Ltd.
Kyron Street Limited	Malen Beauty Products Ltd
L M Ericsson Ltd	Mallows Number 1 Vape Store
Laboratory Instruments & Supplies	MAM Baby AG
Laboratory Supplies Ltd	Mamas and Papas (Stores) Ltd
Labquip (Ireland) Ltd	MAN Importers Ireland Ltd.
Lakeland Ltd	Manepa Ltd
Lamp Source	Manotherm Ltd
Lampenwelt GmbH	Manscaped, Inc.
Lamps & Lighting Ltd	Marks and Spencer (Ireland) Limited
Landis+Gyr Limited	Marron Activ8 Energies Ltd
LANG'S GARAGE	Marshall Amplification Plc
LAP GmbH - Laser Applikationen	Mason Technology Ltd
Laser Tech Ireland t/a Rostul Ltd	Masonry Fixing Services Ltd
Laserware Ltd	Matterport, Inc.
Lautsprecher Teufel GmbH	Maurice Doody Sales Ltd.
Laztech IT Services Ltd	Mazda Motor Logistics Europe NV Ltd
Leading Edge Marketing & Promotions Ltd	McAdam Consulting Services Ltd
LED Lighting and Electrical Distribution Group	McCarthy Commercials Ltd

Member Listing 2023

McElligotts (Tralee) Ltd
McGrath Electronic Components Ltd
McHale Plant Sales Ltd
McHugh Components Ltd
McHugh Electric (Dublin) Ltd
MCK ELECTRICAL LTD
McKechnie Cleaning Services Ltd
MCKEON CONSTRUCTION LTD
MCLOUGHLIN & SONS HARDWARE LTD
MCQUILLAN WHOLESALE LTD
Medguard Healthcare Limited
Medical Supply Company Ltd
Medicare Health and Living Ltd
Meditec Medical Ltd
Medray Imaging Systems Ltd
Medtronic Ireland Limited
MEGABIKEs LIMITED
Melview Motors LTD
Memory Bank Ltd.
Memoryking GmbH & Co. KG
Mentor Distribution Ltd
Meso Scale Discovery
Meyer Kitchenware Europe Limited
Mezwell Ltd
MGI Luxury Group SA
MICHAEL BARRABLE MOTORS
Michael Cummins Automotive LTD
Michael Garry Ltd
Michael Guiney Ltd
Michael Kors (Ireland) Limited
Michael McPhillips T/A Singer Centre Galway
Michael Moore Car Sales Ltd
Michel Herbelin UK Ltd
Microwarehouse Ltd
Midsummer Renewables Ltd
Mid-West Lighting Ltd
Miele Ireland Ltd
Mirai Medical Limited
Miramundo Limited
Mitsubishi Electric Europe BV
MK ILLUMINATION IRELAND LTD
MMC Commercials Unlimited Company
Mnd food limited
Mobi Deal Ltd
MobielWerkt B.V.
Mobile Fashion Ltd
Mobility Direct
Modern Plant Ltd
Moduslink BV
MONAGHAN ELECTRICAL WHOLESALE LTD
MONAT Natural Europe Ltd
Monbatt Ltd

Montara Ltd.
Motocaddy Ltd
Motodox GmbH
Motor Distributors Limited
MOTOR SERVICES LIMITED
MOTREX LTD
Mountband Trading Ltd
Mountz Torque Limited
Moyne Roberts (Ireland) Ltd
MP Doyle Group
MP&E Trading Company Ltd
MSupport International B.V.
MT Agencies Ireland Ltd
Mullan Lighting Design & Manufacturing Ltd
Mullinahone Co-op
Mullingar Electrical Wholesale Ltd
MUNSTER FORKTRUCK TRAINING AND SERVICES LTD
Munster Technology
Murray Woods Ltd
Murrays Medical Equipment
Musco Lighting Ireland Ltd
Musgrave Ltd
Musgrave Retail Partners Ireland Ltd
Musicmaker LTD
Musicstore Professional GmbH
MVI Hazel
MWD ELECTRONICS
My Vape Store
Myenergi Distribution (Ireland) Limited
N.A.A. Appliances Ltd.
N.E.L. (Services) Ltd
N2 ELECTRICAL & SECURITY SUPPLIES LTD
National Association for the Deaf
NATIONAL ELECTRICAL WHOLESALEs (IRL) Ltd
NATIONAL INSTRUMENTS CORP (UK) LTD
National Pen Promotional Products LTD
Naturalife Health
Naughton M6 Motors
Naughtons Car Sales Ltd
NCR Ltd
Nespresso UK Ltd
NetApp Ireland Limited
Netsmart Security Limited t/a Network Security
Netwatch Ireland Ltd
New Cycle GmbH
New Era Lighting Ltd
New H3C Technology Co Ltd
New Look Retailers (Ireland) Ltd
Newstyle Hairsalons Unlimited Company
Next Retail Ltd
Nextcar Limited
NIALL STEPHENSON LTD

Member Listing 2023

Nike Retail BV	GmbH
Nikon Metrology Europe B.V.	Pandu Solutions Limited
Niifisk Ltd	PAP Healthcare Ltd
Nine United Scandinavia A/S	Parma Motors
NIRVANA LIGHTING LTD	Partech LED Ltd
Nisbets Plc	Particular Sciences Ltd.
Nissan Ireland	Passax Business Systems and Supplies Limited
NJOY Netherlands BV	PAT O'FLYNN SCALES LTD
NOA mobile Ltd	PAT RYAN MOTORS
Noel F. Kenny Electrical Ltd	Patina Lighting Limited
NOEL WHELAN CAR SALES LTD	Paul Sheeran Jewellers (Johnsons Court) Ltd
Norso Medical Limited	Pauric Connolly Cars Ltd
Nortev	PBE Axell Europe Ltd
Northwest Car Parts	PBL Electrical Distributors Ltd
Northwood Technology Ltd	Pc Pro Computers Ltd
Novatel Communications Limited	PC SYSTEMS LTD
Noviled High Technology Lighting Ltd	PCMCS Tech Limited
NSI Hair Nail and Beauty	Peats Wholesale Ltd
NuLumenTek Ltd.	PEIMAR INDUSTRIES SRL
Nuwave Sensor Technology Ltd	Penta Networks Ltd
O & I Motors Ltd	Pepperl+Fuchs Ireland Ltd.
O FLYNN MEDICAL LTD	Peter Curran Electric Ltd
O Meara Camping Ireland Ltd	Peter Hanley Motors Ltd
OB VAPING LIMITED	Petstop Limited
O'Callaghan's Garage	Petz Limited
O'Connell Batteries Ltd	PFH Technology Group Unlimited Company
O'DONOVAN ENGINEERING CO LTD	Phibsboro Electrical Wholesale
Off Your Grid Limited	Philips Electronics Ireland Limited
Ogalas Unlimited Company	Phoenix Contact (Ireland) Ltd
O'Keeffes of Kilkenny Ltd	Phonewatch Ltd
Oktalite Lichttechnik GmbH	Photo Import Ltd.
Oliver Geoghegan Car Sales Ltd	PHS West Inc
Omron Electronics Limited	Pianos Plus Ltd
O'NEILLS ELECTRICAL LIMITED	Pioneer Europe NV
Ooni GmbH	Pitney Bowes (Ireland) Ltd
Optel Vision Ltd.	PJ Bonner & Company Ltd
Optical Sciences Ireland Ltd	PKI Scientific Ireland Ltd
Optos PLC	Plantronics BV
Oracle EMEA Ltd.	Plasticard ZFT GmbH & Co. KG
Orantek Ltd	PLATINUM INTERNATIONAL LTD
Orbea S. Coop.	PMD Solutions
Origo Distribution Ltd	PNS Ltd
Ortofon A/S	PoE Lighting Ltd
OTGI Ltd	Polaroid Film B.V.
Otter Products EMEA Unlimited Company	Polestar Automotive Ireland Limited
Otto Männer GmbH	Polydome Ltd
Ovia Ireland Ltd.	Portwest UC
Oxygen-Care Ltd	Potterton Myson Ireland Ltd
P & J Finnegan Car Sales Ltd	PowaKaddy Europe Ltd
P & J MADDEN CAR SALES LTD	Power City Limited
Pac Sane Ltd	Powerpoint Engineering Ltd
Panasonic UK , a branch of Panasonic Marketing Europe	Poynt, LLC

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PPLSS Ltd
Precia Molen Irl Ltd
Premier Farnell UK Ltd
Premium Waxing Supplies
PRESLITE DISTRIBUTION LTD
Primacy Healthcare 21 Ltd
Primark Ltd
Prime Automotive Ltd
PRIMELINE JAYMARK SALES & MARKETING LTD
Production Equipment Unlimited Company
Professional Audio Ltd
PROFILE EMERGENCY LIGHTING LTD
Progress Electroplating & Manufacturing Co Ltd
Promothean Limited
PTRS LTD
Pure Storage International Limited
QFF Distribution
QIAGEN Ltd.
QLX Lighting Ltd
Quaestor Analytic Ltd
Qualvecom
Quest Merchandise Limited
Quinn Electrical Services Ltd
QUINNSPARES APPLIANCES LTD
QVC
R.T. Large & Son Ltd
RADIO & SECURITY PRODUCTS LTD
Radio Systems PetSafe Europe Ltd.
Radiometer Ireland Limited
Radionics Ltd
RADIUS COMMUNICATIONS IRELAND LIMITED
Radius Office
Range King Ltd
Ravensburger Ltd
Ray Grahams Limited
Razdan Ltd
Razer (Europe) GmbH
RB Ireland Hygiene Home Commercial Ltd.
Reagecon Diagnostics Ltd
Reckitt Benckiser Ireland Ltd
Redback Biotek
REG FARRELL ENGINEERING LTD
Rehan Electronics Ltd
Reichelt Elektronik GmbH
Reliable Controls Corporation
Reliable Security Products Ltd
Renaissance Contingency Services Ltd
Rennicks Signs Ireland Ltd
Rentokil Initial Ltd
Repligen Europe B.V.
Revvity (Ireland) Ltd
Rhino Industrial Ltd

Rhonda Ltd
Ribbon Communications International Limited
Ricoh Ireland Ltd
Riello UPS Ireland Ltd.
Riese & Muller GmbH
Right-Click Ltd
RILLTON LIMITED
RMS INTERNATIONAL LTD
Robert E Nolan Ltd
Robert Roberts Ltd
ROC RONOCO LTD
Roche Diagnostics Ltd
Rochford Motors Ltd
Rockford Healthcare Ltd
Roland Europe Group Limited
Roland Meinel Musikinstrumente GmbH & Co KG
Rookery Consulting Ltd
Ros Dumhach Cogaisiochta Teoranta
Rota Industries Ltd.
RST Power Distribution Ltd
RTD Technology Ltd.
RVR Energy Technology Ltd
S&P Ireland Ventilation Systems Ltd
SalesCare Marketing and Distribution Ltd
Sally Salon Services (Ireland) Limited
Salon Savers
Salto Systems Limited
Sam McCauley Chemists Ltd
Samsung Electronics (UK) Ltd
Sanbra Fyffe
Sartorius Ireland Ltd.
SATCITY
SaveMeMoney Wind and Solar Ltd
Scan Coin Ireland Ltd
Schillachi Brothers
Schindler Ltd
Schneider Electric Ireland
Schneider Electric IT Logistics Europe Limited
Screen Security Limited
Screwfix Direct (Ireland) Limited
Seamus Boland Autosales Ltd
SEAN FITZPATRICK WHOLESale LTD
Sean Fleming Motors Limited
Secunet Security Networks AG
Secure Power Systems Limited
Securitas Technology Ireland Ltd
Semineo
Sennheiser Electronic GmbH & Co. KG
Sennheiser UK Ltd.
Serfac Ltd
Setanta Vehicle Importers Ltd
Sex Siopa

Member Listing 2023

SFW Distribution Ltd	SQUARE ONE DISTRIBUTION LTD
Shady and the Lamp	Ssangyong Automotive Ireland
Shanahan Power Ltd	Stafford Lynch Ltd
Shaper Tools GmbH	Standard BioTools France SARL
Sharp Consumer Electronics Poland sp. z o.o.	Stanley Black & Decker Ireland Unlimited Company
Shell EV Charging Solutions BV.	StarBrite Lighting Ltd
SHOMAR LTD	STC SOCKET TOOL COMPANY LTD
Shop Direct Ireland	Steelcase Limited
Showtime Essential Kitchen Products	Stella Doradus Europe Ltd
Siemens Energy Ltd	Stephen Pio Ltd
Siemens Gamesa Renewable Energy Ltd	STILLORGAN DECOR CENTER
Siemens Ltd	Stone Gym Solutions Limited
Sight and Sound (Distributors) Ltd	Storagecraft Technology Ltd
Sigma Wireless Communications Ltd	Stoves Store Ltd
Signet Trading Limited	Strongline Autoparts Ltd
Signify Commercial Ireland Ltd	Stryker UK Limited
Signode UK Ltd	Suir Sprayers Limited
Sigtec Limited	Sulzer Pump Solutions Ireland Ltd.
Silverstone Media Solutions Ltd	Sumup Ltd
Singer Sewing Centre	SUNDRELLE LIMITED
SINJEN LTD	Sunradi Ltd
Skechers USA LTD	Sunrise Records and Entertainment Ireland Limited
SKS COMMUNICATIONS LTD	Superdrug Stores plc
Skullcandy International GmbH	Supersavers
Sky In-Home Services Ltd	Sureweld International Ltd
Slaney View Motors Ltd	Survey Instrument Services Ltd
SLS Scientific Laboratory Supplies Ireland Limited	Suzuki Cars Ireland Ltd
Smart Bits Phone Accessories Ltd	SWARCO UK & Ireland Ltd
SMART ELECTRICS WHOLESALE Ltd	Swico Ltd
Smiggle Ireland Ltd	Switch Distribution Limited
Smiths of Drogheda	SWITCHTEX LTD
Smoke Green Limited	Synergistics LTD
Smyths Toys HQ Unlimited Company	Synluck GmbH
Snap Group Limited	System Video Limited
SOCOM Technology Limited	Systemlink Technologies Ltd.
Soilse Sabre Teoranta	T Tools Ireland Ltd
SolarShare Limited	T&T EQUIPMENT LTD
Solas Geal Distribution Ltd	Tadg Riordan Motors Ltd
Solatrex International Ltd	Tam Outlets Ltd
Somora Motor Parts Ltd.	TaskLED Lighting Ltd
Sonnen GmbH	TBC Junction Unlimited Company
Sonos Europe BV	TD Synnex Ireland Ltd
Sord Data Systems Limited	TDS Disney Ireland Limited
Sordan	TE Connectivity Ireland Limited
SOTEL GmbH	Technetix Ltd
SOUND PRODUCTIONS LIMITED	Technico Ltd
South West Wholesale Ltd	Technopath (Distribution) Ltd
Spaldings Ltd	Tecoled Ltd
Spectrum Distribution Ltd	TEF TULLAMORE LTD
Sportpursuit Limited	Tekelek Europe Ltd
Spotlight Oral Care Ltd	Tektronix International Sales GmbH
Sprayquip Ltd	Tektronix UK Ltd
	Telent Technology Services Ltd

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TEMPLECRONE COOPERATIVE SOCIETY LTD
Teradata Ireland Ltd
Tesco Ireland Limited
Tesco Mobile Ireland Ltd
Tesla Motors Ireland Ltd
Texas Instruments EMEA Sales GmbH
Thane Direct UK Limited
The Dalkey Motor Company
The E.I. Unlimited Company
The Forklift Centre Ltd
The Juice Plus+ Company Ltd
The Nature of Things Ltd
The Newbridge Cutlery Company Ltd
The Phone Accessories Company Ltd
The Power Providers Ltd
The Range (Ireland) Ltd
The Sound Shop (Ireland) Ltd
The Swatch Group UK Limited
The Vapomatic Co. (Ireland) Ltd
Thermalimage
Thermo Fisher Diagnostics (Ireland) Ltd
Thistleway Ltd
Thomann GmbH
Thomas Farrell & Sons (Garages) Limited
Thorlux Lighting Limited
THORN LIGHTING LTD
Three Ireland (Hutchison) Ltd.
Tier Mobility SE
Tiger Retail Ireland Limited
Tile Inc.
Time Data Security
Timemark Ltd
TLG Distribution
TM Blinds Ltd
TMC Technology Ltd
Toasttab Ireland Limited
Tokyo Electron Europe Limited
tonies GmbH
Tony Kierans Motors Ltd
Tooling & Engineering Distributors (TED) Ltd
Top E-cigarette Ltd
Topcon Europe Medical B.V.
Toshiba Global Commerce Solutions (UK) Limited
Total Materials Handling Ltd
Total Power Solutions Ltd
Toyland Cash & Carry Ltd
TOYMASTER LTD
Toyota Ireland Unlimited Company
Transfer Multisort Elektronik sp. z o.o.
Trend Micro (EMEA) Limited
Trend Tool Technology Ltd
TRIACE LTD
Trina Solar (Luxembourg) S.a.r.l.

Trinity Motors Mazda Ltd
TRINITY VOLKSWAGEN
TrueBlue eCommerce
Trulife
TTI, Inc.
TTS Tooltechnic Systems Ireland Limited
TUBRID MOTORS LTD
Tucks O'Brien Ltd
Tucson Pumps Ltd
TURBO LEISURE LTD
Turbotricity Ltd
Two Trees Engineering Ltd
Two Wheels Ltd
Tyrell Content Creation Tools Ireland Limited
Ubiquiti International Holding B.V.
Uccello Marketing EU Ltd.
UK Juicers Limited
ULTIMATE PRODUCTS UK LTD
Uniphar Medtech Limited
UnipharPLC
Unisys Europe Limited
UNITED HARDWARE DAC
United Retail Trading Ltd
Universal Innovations Ltd
Up The Yard Ltd
Upgrade Options Ltd
Uppercross Enterprises Limited
UrbanVolt Ltd.
Urbis Schreder Ltd
Usborne Publishing Limited
UTS Technologies Ltd
Valuecoms
Valve Corporation
Van Walt Ireland Ltd
Veelite Lighting Ltd
VELUX Company Ltd
Vendek Ltd
Veolia Water Technologies and Solutions Ireland Ltd.
Verde LED Ltd
Veritas Storage (Ireland) Limited
Vertiv Ireland Ltd
Vestas Ireland Ltd
Vestel Holland B.V.
VGP Media Ltd
Vieffe Trade Srl
Vitold Investment UC
Viva Payment Services SA -Irish Branch
Vocera Communications Inc
Volkswagen Group Charging GmbH
Volkswagen Group Ireland Ltd
Volvo Car Ireland LTD
Vorwerk UK LTD
Vygon Ireland Ltd

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V-ZUG UK Ltd
Wacker Neuson Ltd
Wacom Europe GmbH
Walter Bourke & Son Ltd
WALTONS MUSIC LTD
Washglade Ltd
Waterford Stanley Ltd.
Waveguide Lighting Technologies Ltd
Weber-Stephen Deutschland GmbH
Weber-Stephen Products (U.K.) Ltd
Weighing Machine Services Ltd
Weir & Sons Unlimited Company
WELCH ALLYN LIMITED
WERMA Signaltechnik GmbH & Co. KG
WESCO ELECTRICAL LTD
West Coast Electrical Ltd
West Cork Electrical Wholesale Co. Ltd
Western Motors Ltd
Westward Garage Ltd.,
Whirlpool Ireland Appliances Ltd.
Whitgale Ltd
Wildcat Business Computing Limited
William Reynolds & Sons Limited
Williams Locksmiths Ltd
Willie Duggan Lighting
Wilo Engineering Limited
WilTec Wildanger Technik GmbH
WindowMaster Control Systems Ltd
Wink Lighting Ltd.
Woodies DIY Ltd.
Woodland Motor Company Ltd
WOW Tech Europe GmbH
Wowcher Ltd
WP DIAGNOSTICS
Wurth Ireland Ltd
XD Connects B.V.
Xerotech Ltd
Xerox IBS Limited
XMusic Ireland Ltd
Xpert Cosmetics Ltd
Xpress Electrical
Xylem Water Solutions Ireland Limited
Yankee Candle Company (Europe) Limited
Yomac Cars Ltd
YOUGHAL CAR SALES
Young Living Europe B.V.
Yubico AB
ZAGG INTERNATIONAL DISTRIBUTION
Zalando SE
Zatori Results Ltd
Zebra Technologies Europe Ltd
ZINTEK SYSTEMS LTD
Zwift, Inc.



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WEEE Ireland

The Link Business Centre, Unit G3, Block G,
Calmount Park, Calmount Avenue, Dublin 12, D12 Y050.
Phone: +353 (0)1 2999 320 / **Email:** info@weeeireland.ie

For further information visit weeeireland.ie or find us on  |  |  | 