





**“circular economy” means an economic model and the policies and practices which give effect to that model in which -**

- (a)** *production and distribution processes in respect of goods, products and materials are designed so as to minimise the consumption of raw materials associated with the production and use of those goods, products and materials.*
- (b)** *the delivery of services is designed so as to reduce the consumption of raw materials,*
- (c)** *goods, products and materials are kept in use for as long as possible thereby further reducing the consumption of raw materials and impacts harmful to the environment,*
- (d)** *the maximum economic value is extracted from goods, products, and materials by the persons using them, and (e) goods, products and materials are recovered and regenerated at the end of their useful life;”*

***Circular Economy and  
Miscellaneous Provisions Act  
2022***

# Contents

<b>CEO Report</b>	<b>4</b>
<b>Letter from the Chair</b>	<b>7</b>
<b>A New Scheme Approval</b>	<b>13</b>
<b>5-year Summary</b>	<b>14</b>
<b>Financing Extended Producer Responsibility</b>	<b>15</b>
<b>2022 Key Performance Indicators</b>	<b>20</b>
<b>Results - 2022 in Numbers</b>	<b>21</b>
<b>WEEE Collection Results</b>	<b>23</b>
<b>Battery Collection Results</b>	<b>31</b>
<b>Resource Recovery Results</b>	<b>36</b>
<b>Environmental Footprint</b>	<b>38</b>
<b>Membership &amp; Environmental Compliance</b>	<b>49</b>
<b>Pan European Partnerships</b>	<b>55</b>
<b>Circularity Leadership</b>	<b>58</b>
<b>Membership Events</b>	<b>66</b>
<b>WEEE Communication Results</b>	<b>67</b>
<b>Member Listing 2022</b>	<b>93</b>

# CEO's Report

## Dear Ministers, Members & Stakeholders

As the cover of our 2022 Annual Report depicts, we are navigating the maze of Extended Producer Responsibility and Circular Economy developments on behalf of our ever-growing Membership. This is during a time of rapid change in policy and regulatory frameworks and requires expert knowledge and a commitment to deliver. Our WEEE Ireland Scheme is founded on key tenets;



These values are underpinned by our not-for-profit status, strong corporate governance and an experienced management and executive team all working under a detailed Scheme Approval with 28 required points of compliance, which we meet and review throughout this detailed report.

WEEE Ireland's financial management balances the need to invest in the future whilst managing the historical and legacy e-waste and batteries that are the current responsibility of the Scheme. Our core objective continues to be delivery of a collective Compliance Scheme on behalf of Irish Producers, meeting the requirements of our approval and the appropriate regulatory obligation.

## WEEE Directive Evaluation and the evolution of EPR

The future focus and formal application for reapproval to the Department of Environment, Climate and Communication (DECC) during the last 12 months has meant a year involving reflection while we continue to play our part in meeting the existing national e-waste challenge. 2022 was also the year of significant movement in new and more sustainable Battery Regulation developments, and the beginning of our European WEEE Directive evaluation. Both events are impactful on our Members and the Scheme as they will shape the sustainable direction of these sectors and align with WEEE Ireland's repositioning as a circular economy Extended Producer Responsibility (EPR) initiative as well as a successful recycling Scheme. Increasing targets, more focus on quality recovery of critical and strategic materials, enhanced reporting measures and alignment with sustainable product and lifecycle thinking, will all feature strongly in the policy and regulatory landscapes that lie ahead for our Scheme and Members. Our partnership in Europe with WEEE Europe, WEEE Forum, Eucobat and PV Cycle has allowed us extend our expertise and knowledge to Producers and stakeholders in Ireland and is particularly important during these new framework development phases. International E-Waste Day each October is an anchor day for us and our European colleagues and frames the narrative during our sector meetings and conference held during this time. This year we will use the opportunity to highlight the changing landscape ahead as the WEEE Directive Evaluation continues and stakeholder feedback from Irish businesses required it implement its EPR obligations will be important to us.

## Circular Economy Developments

A key part of WEEE Ireland's vision toward a more circular 'EEE' economy was a founding membership with the CIRCULÉIRE platform, and engagement with projects that would inform and accelerate our circularity transition. In 2022 both the CESI and LLLB projects were completed with the support of the platform and its strategic partners innovation funding. The CESI project has delivered the first industry supported white goods repair technician training programme in Ireland, and LLLB has given insights to the capacity for the management of long-life lithium batteries needed here. We welcomed Minister Ossian Smyth to the CESI pilot site in Dunshaughlin in January 2022 and again with Minister Pippa Hackett to our state-of-the-art partner WEEE and Battery facilities at KMK in the midlands in January 2023, to see first hand circular innovation in action in Ireland. We articulated in our Circular Vision strategy our intention to lead the WEEE sector in its circular transition on behalf of our Members and that mission will continue for us this year. It is a positive step to see the industry CE platform funded for another year from DECC and we will continue to work in 2023 with CIRCULÉIRE toward the development of a circular sectoral roadmap for the Irish electronics and battery industry, which is underway at the time of writing this report.

## Distance to Target

My main challenge in 2022 like my fellow WEEE Scheme CEO's across Europe was how to meet the legacy target contained in the current WEEE Directive while we are also engaged in rapid sustainability changes to EPR systems and indeed the technology being now placed on the market by our Members. The current 65% collection target for WEEE in Ireland is not fit for purpose. It requires takeback volumes 65% by weight of what was sold in Ireland on average over three preceding years. It does not allow for longer lifecycles of certain appliance types, nor does it account for WEEE managed outside of the authorised system or count EEE in still working order that is hoarded, in use or being reused.

Despite financing the collection of more than 40,000 tonnes of WEEE on behalf of Members - our highest annual volume to date - we are reporting a 54% takeback rate for 2022, impacted by increased consumption rates of new EEE and loss of WEEE in the reported system in areas outside of the Scheme's control. If we remove EEE volumes that are not available for collection i.e., long life products such as heat pumps or PV panels, that has considerable impact and demonstrates how an effective WEEE target must be introduced to properly measure and benchmark our achievements. Similarly reviewing the volume of WEEE in scrap metal recycling outside of the current authorised system delivers more answers as to where 'missing ewaste' is going. In addition, there is no system set up nationally to capture active reuse and repair data for EEE, positive waste prevention activity already operating at scale here and we strongly support developments in this area in 2023. We propose these and other additional information in the results section of this report. Also detailed in this AER are comparisons with data from Schemes and Systems in other Member States, showing Ireland is still performing toward the top of the WEEE European league despite our challenges. We encourage national and European authorities to consider a pragmatic approach to target setting and what is effectively available for collection in all new regulatory developments.

## Local successes

While the European Directive and the distance to target challenge evolves it is important to mark and learn from our successes at home. Our Membership has grown to over 1300 Members with our market share for core EEE operation now exceeding 78%. Our super partner KMK Metals Recycling marked 2022 with enhanced CENELEC certification for large household appliances for their Kilbeggan plant along with significant investments in recycling and recovery technology improvements. Through their waste battery collection and sorting operations we can again report a 45% target achievement for portable batteries. This is positive news against the backdrop of an overhaul of Battery Regulations and new and higher collection targets in the future, The installation of new optical sorting technology in KMK's Tullamore facility has also further enhanced the resource recovery potential from our WEEE streams, the importance of which is magnified by the current important conversations on critical and strategic material sufficiency at national and international level.

As we moved on from pandemic restrictions, 2022 marked a full return of public collection days with a calendar of 89 events held throughout the year. This activity alongside the macro-network of retailer takeback and Local Authority CA Sites, means recycling e-waste has never been more accessible in Ireland. We are working to capture this opportunity and capacity in new national communications campaigns in 2023 to ensure no WEEE goes to waste and remind all stakeholders that it remains free and easy recycle in the authorised system.

## 2023 Outlook

This year WEEE Ireland reaches maturity with 18 years in operation. My team, and I will continue to draw on our collective experience to embed the Circular Vision strategy and new EPR mandates. We welcome the collaborative approach taken by our Ministers and officials at the DECC, EPA and other authorities in working toward a more sustainable future. As a Scheme we have actively engaged in all regulatory and policy consultations under that shared vision pertinent to our Scheme function. We look forward and commit to continued engagement with the Waste and Circular Economy Advisory groups and the New (NWP group) during 2023 as a key stakeholder in delivering a more circular WEEE and Battery system for Ireland.

In the application for approval WEEE Ireland senior management team described the success record and achievements we have delivered on behalf of our Members, to ensure a best-in-class compliance scheme for Ireland. A 10-year approval was requested which will allow us plan and invest in the future of WEEE environmental management in Ireland. WEEE Ireland takes a very practical approach to the collection and treatment of WEEE recycling in Ireland and we wish to look to the future in developing improved collection infrastructure and processing facilities in Ireland.

This has the potential to bring local job creation benefits added value to material exports, de-risking of treatment procurement, and reduce the necessary costs of WEEE recycling to Irish stakeholders. These investments need long-term commitment, which can only be provided if the compliance scheme has a long-term approval. We asked the DECC to consider the positive achievements of the Scheme through its most recent approval phase when setting the timeline for the next cycle.

Thank you as always to the exceptional management and executive team at WEEE Ireland who have shaped the system and delivered the results presented in this report. Sincere thanks also to the Board of Directors for their governance and support and the industry experience they bring to the table and in the dedication during the year of our Chairman Herbert Sharkey. My final thank you to our Members - the 1300 plus companies that have chosen WEEE Ireland to help meet their producer responsibilities under these environmental regulation. Your support throughout 2022 is appreciated and we will continue to work beyond compliance to deliver a sustainable WEEE and Battery Irish ecosystem on your behalf in 2023.

**Thank you,**

**Is mise le meas**

**Leo Donovan  
Chief Executive Officer  
WEEE Ireland**



## Qualitative statistics to benchmark EPR Scheme activity proposal

- Documented evidence of EN 50625 across all categories
- Battery sorting and separation prior to shipment
- Campaign spend, awareness rating and impact metrics.
- Batch testing and Sampling results from treatment processes
- Activity in national programmes aligned to Waste and Circular Economy developments
- Membership Services and demonstrated access and supports for SME and micro enterprises
- Meeting necessary cost and contingency finance requirements

## Is a 65% linear target still fit for purpose?

This is a question for consideration under the ongoing WEEE Directive Evaluation? How do we account for circular activity in Ireland including prevention, repair, reuse and more? To support this WEEE Ireland advocates for:

- All-actors approaches to reporting and collection rate achievement
- Scheme Targets on Available for Collection Only
- Annual WEEE flows data review by Stakeholders
- Prioritise Achievements of Recovery & Recycling Rates and Battery Efficiency Rates
- EN Collection and Treatment Standard enforcement
- Mandatory handover of WEEE from Waste and Scrap Metals Sites
- Development of a Circular EEE & WEEE Flows Reporting Programme
- Documented Reuse and Repair Programmes from larger Producers
- Incorporating Circular Economy Financial incentives into the WEEE system finance model
- A Communication Forum to support national campaigns encouraging behaviour change







# Letter from the Chair



## Dear Members,

During 2022 my fellow Board Directors and I undertook a risk assessment of the Scheme to review the administration and achievements of the WEEE Scheme in line with DECC Approval requirements. While the target challenges outlined in this report are mirrored by Schemes across Europe, there are many unique and positive aspects to WEEE Ireland that have delivered a successful system to date and which we recognised in that review. A best-in-class compliance Scheme is not delivered automatically and governing the delivery of the first class service and quality operations for WEEE Ireland is a role the industry and independent Board Members take seriously. Supporting the mandated EN 50625 standard has been a particular focus our procurement sub-committee throughout the past year and I compliment the Irish recycling operators on the investments and progress they have made over the last 12 months alone. The partnership with KMK Metals Recycling Ltd as well as the efforts of other contractors and subcontractors under the management of the WEEE Ireland Operations Team has delivered a quality household e-waste recovery process second to none in this country.

Continued collaboration and cooperation between Scheme and national Stakeholders, including DECC, EPA and PRL, particularly throughout and following the pandemic is to be recognised and commended, with new programmes now in place for national communication campaigns and circular economy transitions. The level of satisfaction of Members demonstrated by the continuing growth in market share year on year must also be noted, as the market share for WEEE Ireland continues above 80% for household EEE Producers. Reporting on the efforts,

challenges and achievements of the Scheme and continued engagement with authorities on how we can improve and grow the sustainability of our Scheme is something WEEE Ireland is open and transparent on. This is evident in this AER and many other submissions made by the Scheme during 2022 to authorities and stakeholders. I thank our CEO and the management and executive team for efforts in delivering not only this report but their work on the WEEE Ireland programme since 2005 and the annual activity that support our Member's extended producer responsibility efforts in this country.

We look forward to the granting of a new approval following the current extension period, and delivering with my fellow Directors, CEO and WEEE Ireland team a WEEE and Battery Scheme that embraces the future EPR focus of new Regulations, supporting national climate and circular strategies while mindful of the e-waste legacy challenge that must still be delivered on. Our Circular Vision strategy meets these dual ambitions with a future financing mindset to mobilise funding and action towards closing the distance to target gap and sustainability challenges.

With Kind Regards

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

# Corporate Governance

## 2022 Board of Directors



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



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



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

**Role:**  
**Appointed:**  
**Company:**  
**Representing Category:**  
**2022 Committee:**



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



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



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

**Role:**  
**Appointed:**  
**Company:**  
**Representing Category:**  
**2022 Committee:**



**Mr Dermot Deely**  
Director  
April 2020  
Signify Ireland  
Lighting  
Procurement



**Mr Fergus Johnston**  
Director  
June 2017  
Whirlpool Ireland Appliances  
LHA  
Finance, Nominations

**Role:**  
**Appointed:**  
**Company:**  
**Representing Category:**  
**2022 Committee:**

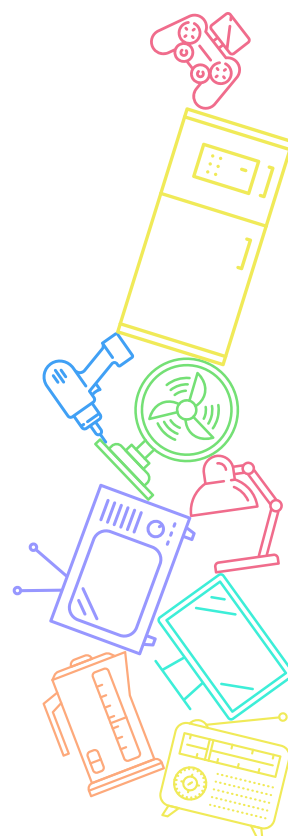


**Ms Brenda McEvoy**  
Director  
October 2020  
Apple Distribution International  
IT&T, Batteries  
Batteries, Remuneration



**Mr David Tyrrell**  
Director  
March 2017  
Independent  
Independent  
Finance, Procurement

**Role:**  
**Appointed:**  
**Company:**  
**Representing Category:**  
**2022 Committee:**





## Meeting Attendance

DIRECTOR NAME	ROLE	TYPE	PRODUCER COMPANY	BOARD MEETING ATTENDANCE	AUDIT/FINANCE COMMITTEE	NOMINATIONS COMMITTEE	REMUNERATION COMMITTEE
	Chair, vice, CEO	Corporate or Independent		6	12	3	3
				Meetings in 2022 incl Strategy Meeting	Meetings	Meetings	Meetings
Leo Donovan	CEO	-		6	12	N/A	N/A
Herbert Sharkey	Chairman	Corporate	BSH Homes Appliances Limited	5	11	3	3
Brian Flood	Director	Corporate	Origo Ltd	6	N/A	3	N/A
David Tyrrell	Director	Independent		6	6	N/A	N/A
Dermot Deely	Director	Corporate	Signify Ireland	6	N/A	N/A	N/A
Fergus Johnston	Director	Corporate	Whirlpool Ireland Appliances	5	8	3	N/A
Johnny Dunne	Director	Corporate	Glen Dimplex	5	2	N/A	3
Niamh Laing	Director	Corporate	Panasonic Marketing Europe	4	10	N/A	2
Richard Broderick	Director	Independent		6	12	N/A	3
Brenda McEvoy	Director	Corporate	Apple Distribution Ltd	3	N/A	N/A	1
<b>ATTENDANCE</b>				<b>95%</b>	<b>88%</b>	<b>100%</b>	<b>100%</b>

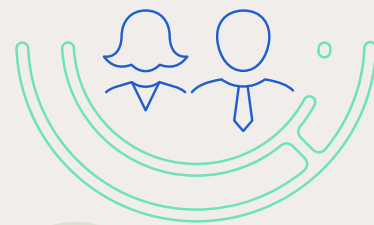
Company Secretary: Gearoid O'Grady

## AGM

The AGM was held in person on the 15th of June 2022 at Clayton Hotel, Dublin 22. Leo Donovan, CEO of WEEE Ireland, officially presented the AER 2021 and financial statements to the attendees. Formal resolutions were passed to:

1. To receive and consider the Annual Report.
2. To receive and consider the Annual Financial Statements.
3. To note the re-election of the Auditors and to authorise the directors to fix the remuneration of the auditors.
4. To re-elect existing directors David Tyrrell, Richard Broderick, Johnny Dunne, Brian Flood, Fergus Johnston.

# 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



## Human Resources

In 2022 WEEE Ireland had 12 Full Time Equivalent Employees (14 in total with 2 part-time). A HR and policy review is completed for the Board of Directors each year. The Management Team work to a Key Performance Indicator system, providing dashboard reports on KPI progress monthly. Performance management reviews are carried out annually for all employees.

WEEE Ireland also employs sub-contracted specialists to support the Management and Executive Team in the delivery of Compliance Services to Members. These include a dedicated HR Contractor, IT & Recruitment Consultants, Public Relations, Graphic Design and Advertising Service Providers and external Auditors RSM Ireland.

The HR Contractor supported the delivery of recruitment of three new executive employees in 2022 due to staff turnover and maternity leave cover requirements. New working policies

were established during the year in compliance with a hybrid working programme aligning with a post-covid move to downsized offices in Ballymount Dublin.

*The WEEE Ireland team manages and runs six distinct programmes:*

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

# A New Scheme Approval

In 2022 The Compliance Team collated the Application for Reapproval with detailed requirements as laid out in the WEEE and Battery Regulations and existing approval. Extensions have been given on the current 2017 approval from the Department of Environment, Climate and Communications (DECC) with the latest until 31 March 2024.

The Application for Reapproval included a request for a 10-year length to allow forward thinking and investment in the transition toward a Circular Economy required of all EPR Schemes.

**WEEE Ireland's key requests in the application; to support the Scheme in delivering on our approval and the EPR Circularity Mandate over the next decade, included:**

- Continued support and engagement with DECC through scheduled quarterly meetings
- Visible Fee programme continuation for key sectors
- Mandatory handover of WEEE from scrap metal and other waste facilities
- Twice-yearly WEEE and Battery Monitoring Group Meetings with new subgroups regarding national system developments including PV, EV, B2B and Distance/Online Sales, WEEE Flows
- Fair and equitable approach if competition is to be maintained with more than one Scheme approval for WEEE and Batteries in Ireland
- Enforcement of the EN 50625 standard for recycling and recovery of WEEE by Producers, Schemes, and end users where applicable
- Support for further inclusion of Producer Registration as a key criterion in GPP (Green Public Procurement) / Government Grant programmes
- Review of reporting and registration requirements to reduce the administrative burden for small and micro enterprises and all stakeholders involved in their compliance management
- Sectoral Roadmap approach to CE development of the WEEE and Battery system in collaboration with Circular Strategy DECC officials and partnership through the CIRCULÉIRE Platform (2.0)

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## 5-year summary

During our third term of approval 2017-2022, WEEE Ireland presented our Scheme as a best-in-class Case Study at the European Commission's Compliance Promotion exercises in Dublin and Brussels  
In addition, during this time we have:

- Grown our Membership numbers by another 30% to more than 1300 Producers
- Continued to increase and maintain dominant market share
- Provided EPR support for new technologies across WEEE and Battery Sectors
- Delivered additional collection programmes to meet additional takeback challenges
- Diverted over 225,000 tonnes of waste for recycling and recovery during this time (over half a million tonnes since the Scheme began)
- Partnered with indigenous Irish treatment operators to support national recycling and recovery infrastructure to EN 50625 standard.
- -Supported the development of new circular economy, WEEE and Battery policy and regulatory frameworks in Ireland and Europe through engagement, submissions, and expert opinion
- Extended our compliance services through links with the pan European WEEE Europe platform and the EUCOBAT and WEEE Forum Centres of Excellence
- Led the WEEE and Battery EPR sectors in Ireland in new R&D and CE innovation programmes through co-funding and partnership with EPA Strive and CIRCULÉIRE
- Contributed over €250,000 in corporate sponsorship (over €500,000 in the last decade), to LauraLynn Children's Charity, encouraging more people to collect batteries and small WEEE for recycling
- Promoted the WEEE and Battery takeback and environmental management messages through a comprehensive Communications Programme with far-reaching campaigns
- Launched our new Circular Vision strategy in anticipation of the Whole of Government CE Strategic focus and the next phase of Scheme Approval from 2022



# Financing Extended Producer Responsibility

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 each month based on Blackbox reporting for the previous 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.

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## 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.



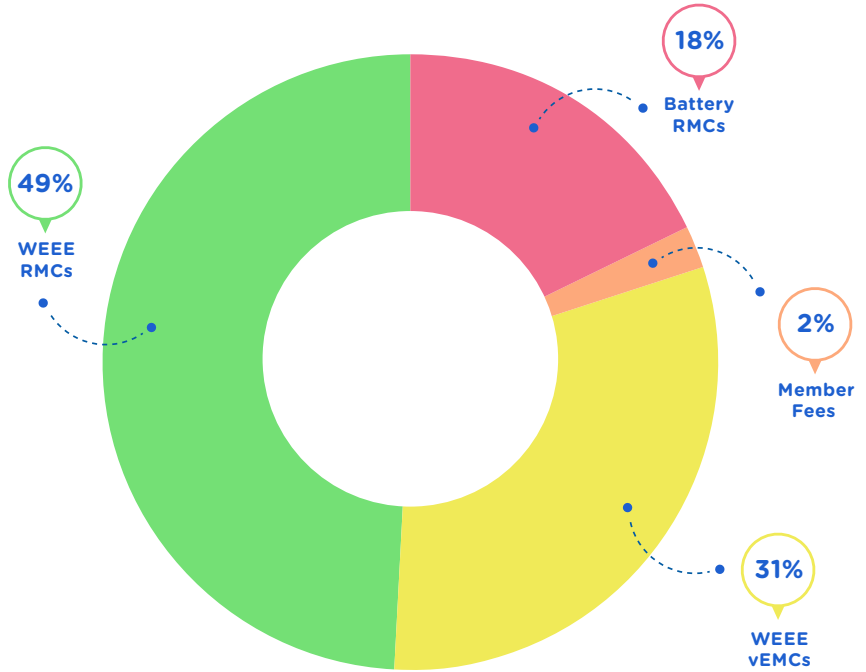


# 2022 Audit Report

The Scheme's Financial audit was successfully completed by the independent external auditors in April 2023 and financial statements for 2022 filed with the CRO within the required timeframe. Financial Statements are circulated to all members in advance of the AGM each year.

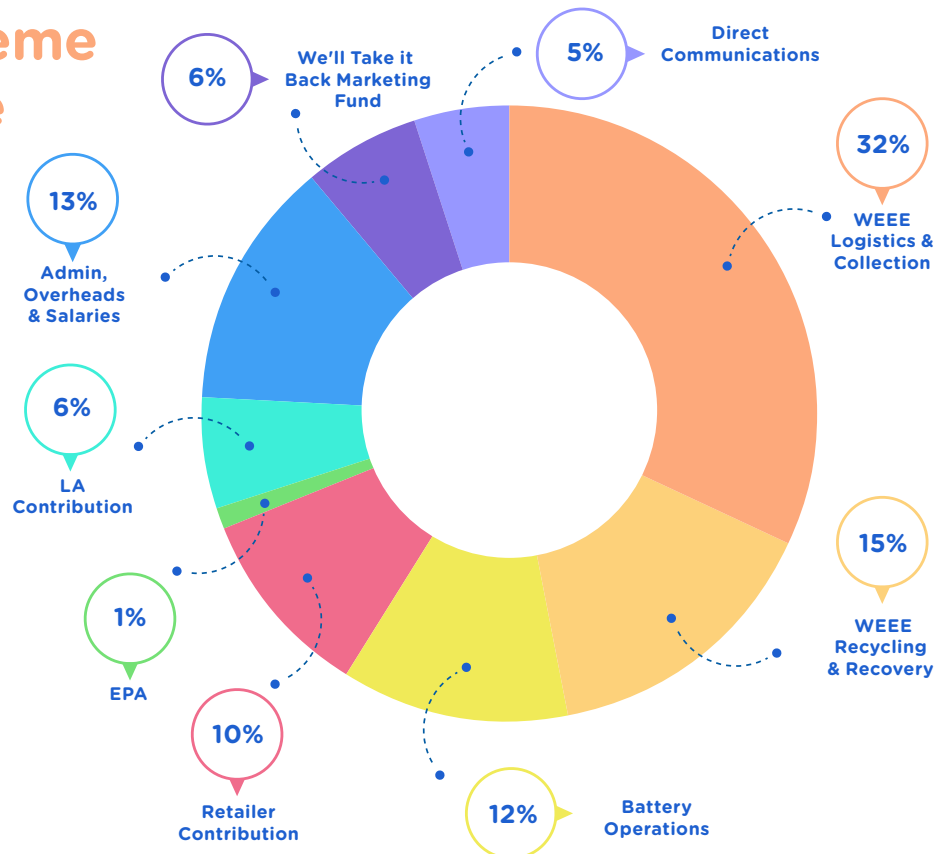
## Composition of WEEE Ireland Membership Fee Income 2022

Income %



## Composition of WEEE Ireland Scheme Expenditure 2022

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.

WEEE Ireland maintains divisional accounts to support separation of sector income across the WEEE categories and between WEEE and Battery expenditure. An annual Fees Briefing event reviews sector-specific expenditure with Members and gathers feedback on the proposed fees for subsequent years. 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.

# Co-operation Agreements

Contributions	Description	€*	Benefit
<b>Retailer</b> <i>We'll take it back</i> <b>Communication Programme</b>	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.	<b>750,000</b>	Acknowledges the role retailers play in maintaining a takeback network of collection points for consumers in keeping with their distributor obligations
<b>Local Authority WEEE Fund</b>	Contributes to Local Authorities for takeback at the network of 100 plus municipal CA Sites where WEEE can be taken back free of charge by consumers.	<b>1.2 million</b>	Supports municipal WEEE collection facilities at Civic Amenity sites nation-wide.
<b>EPA Enforcement and R&amp;D</b>	Provides funding towards WEEE enforcement and guidance programmes by the OEE, and EPA Strive programme WEEE and Battery focused research.	<b>250,000</b>	Supports a collaborative approach and industry engagement

Together,  
**WEEE** can make  
a difference

Details of electrical recycling collection points nationwide can be found at [www.mywaste.ie](http://www.mywaste.ie) and the interactive map <https://www.weeeireland.ie/household-recycling/where-can-i-recycle/>

*\*These contributions are from both WEEE EPR Schemes in Ireland. WEEE Ireland contributes in accordance with its market share ratio which was 78% for 2022 activity based on the previous year (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 2022 as well as co-funding, WEEE Ireland co-operated with other stakeholders, authorities and approved bodies in policy development and consultation and enforcement programme review and support.

# Future Financing

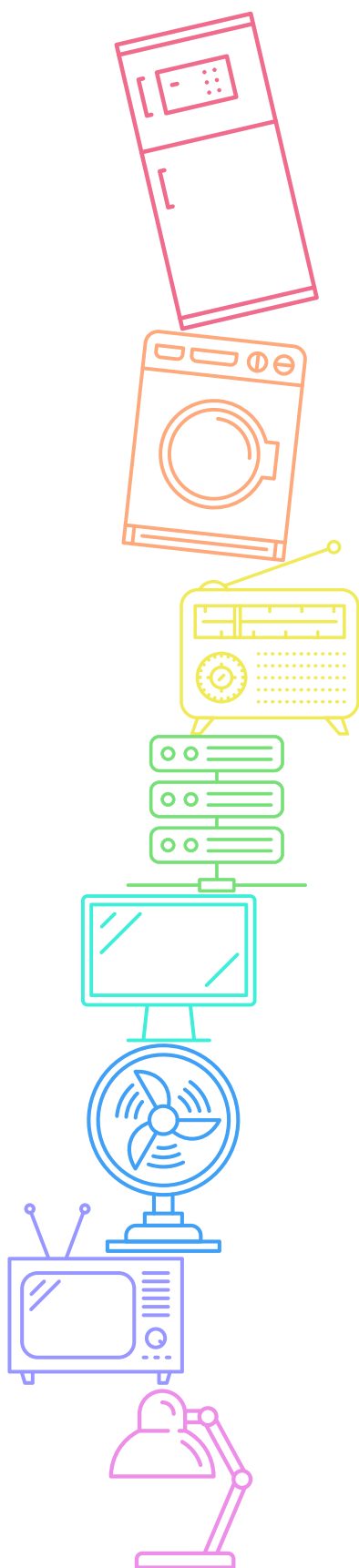
## Visible Fees



Agreement was reached in 2021 to extend the visible fee and cooperation contributions agreement to allow for planning and development of new WEEE systems. Members were advised of the continuation of this extension at the Annual Fee Briefing and by direct mail communication. Engagement with stakeholders on the future of visible fees in Ireland on certain EEE categories continued during 2022 and into 2023. WEEE Ireland supports the option for visible fees on certain categories of EEE.

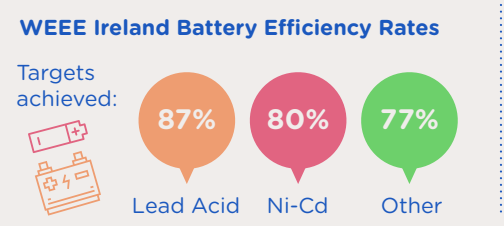
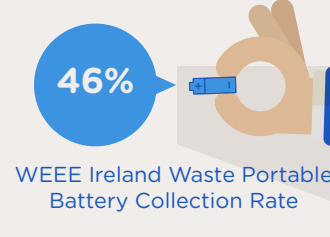
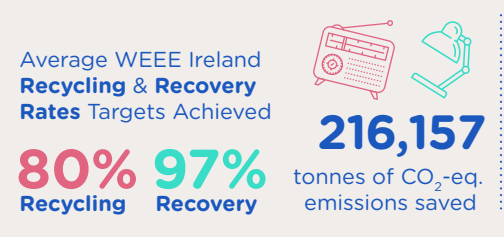
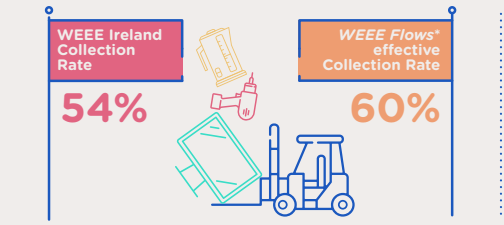
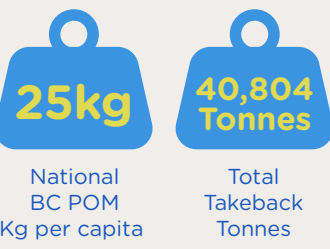
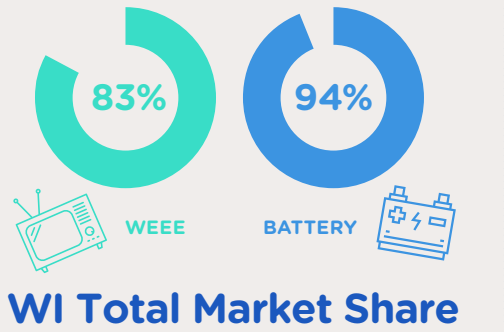
## Eco-modulation

No formal Eco-modulation programme has been put in place to date in Ireland on WEEE or Battery Compliance fees. Differential environmental management costs apply to different types of electrical equipment, according to the specific treatment processes they require or the commodity values they potentially contain. For example, all WEEE and batteries incur dedicated collection, communication and compliance programme costs but the recycling of fridge freezers differ from most other white goods to support safe removal of refrigerant material incurring significantly higher treatment costs. Some smoke detectors require isolated treatment for recycling as they may contain radioactive isotopes, while mercury-containing lamps have higher treatment costs than LED bulbs to allow for a safe and environmentally appropriate mercury recovery process. 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.



# 2022 Key Performance Indicators

The WEEE Ireland Board of directors reviews the performance of the Scheme against key performance indicators through monthly reporting by managers. In 2020 a new KPI reporting framework and dashboard approach was established to measure progress and effectiveness using both qualitative and quantitative metrics. Result highlights for 2022 include:



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

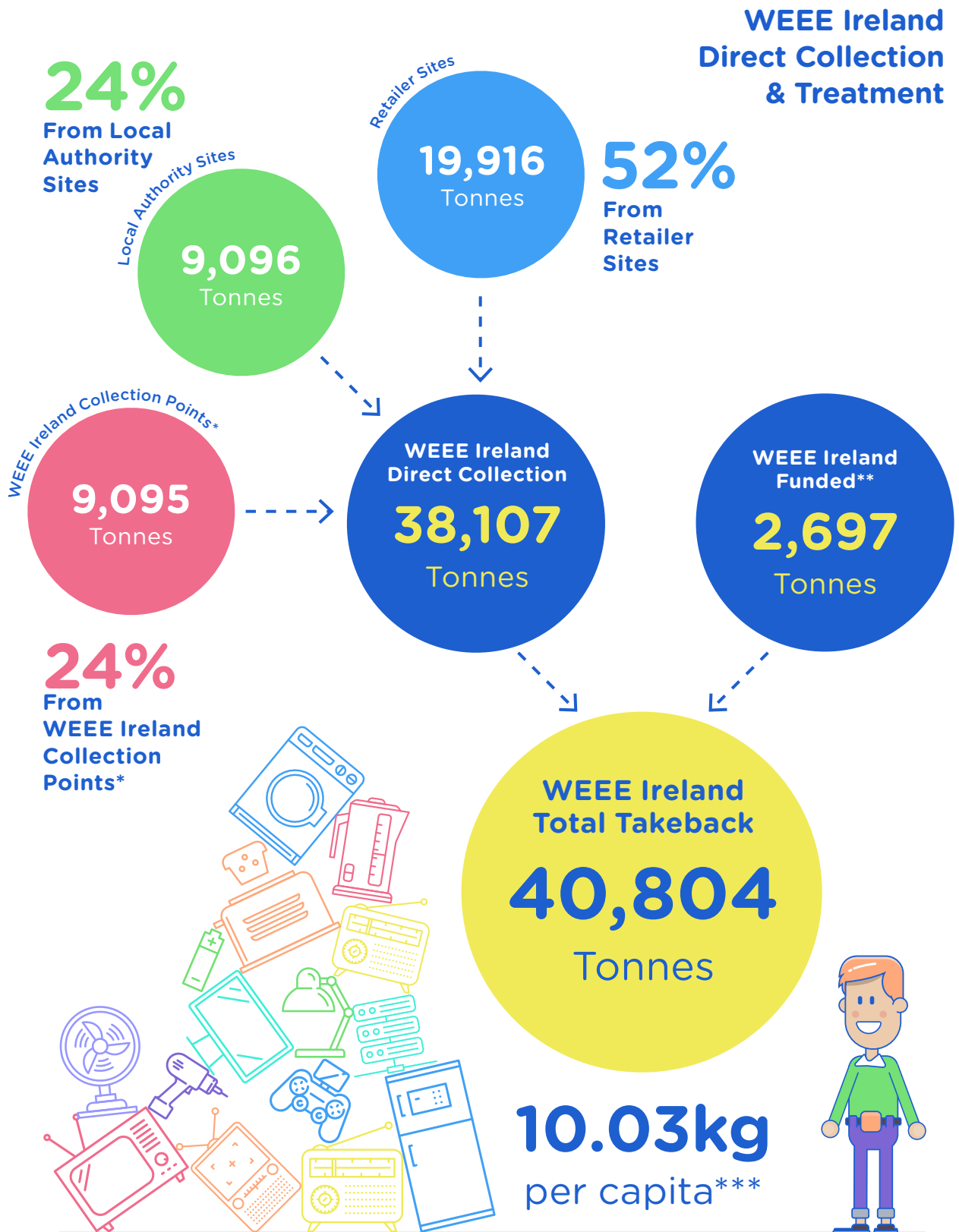
# Results

**2022 in Numbers**

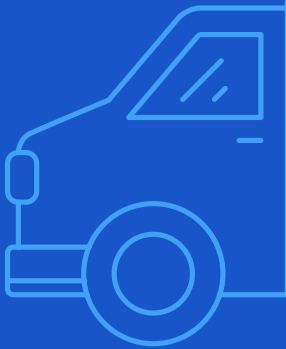


# WEEE Collection Results

## WEEE Operations



\*Includes Education sites, Public Collection Events, Waste Industry and Workplace collection points.  
 \*\*WEEE Ireland market share exceeds its designation 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 while handover of collection area agreements are being finalised for 2023.  
 \*\*\*based on 2022 population census data for WI core designated collection area and direct collection tonnes. An 8% growth in population since 2016 is having a significant impact on the kg per capita benchmark in WEEE Ireland collection area and will impact national dataset also.



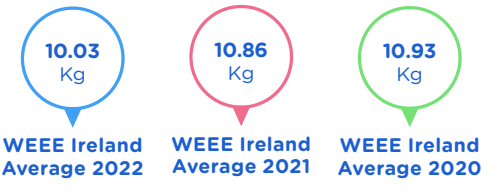
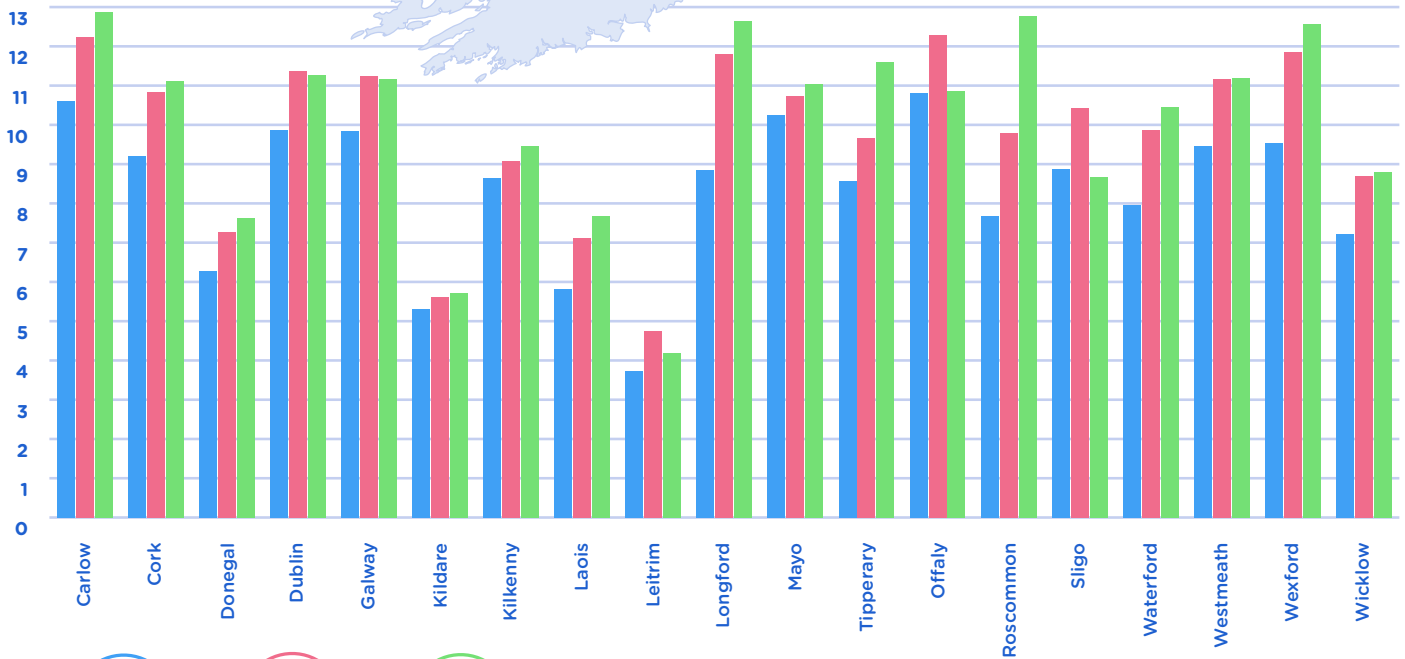
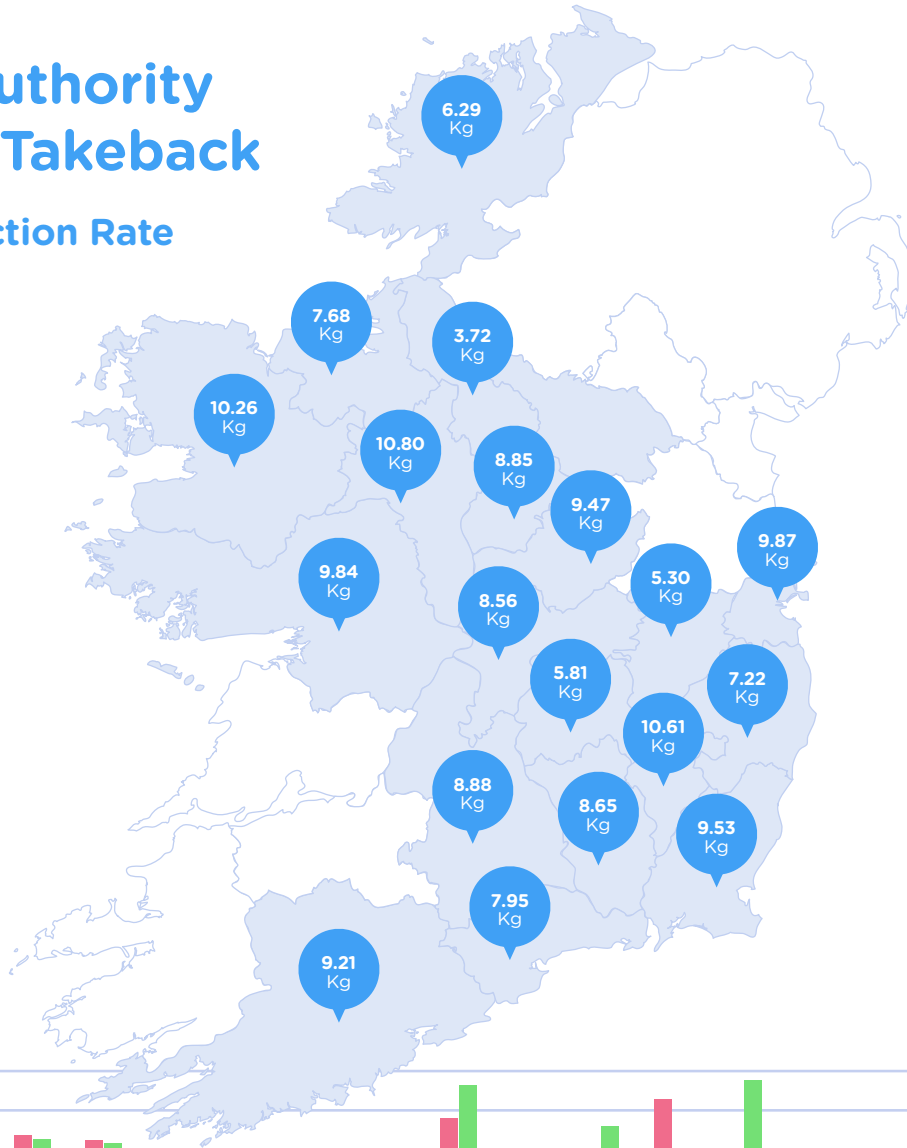
WEEE made  
**17,327 collections of**  
**7,093 truckloads from**  
**2,423 individual sites** in our  
designated collection  
area in 2022





# Local Authority County Takeback

2022 Collection Rate  
Kg/person



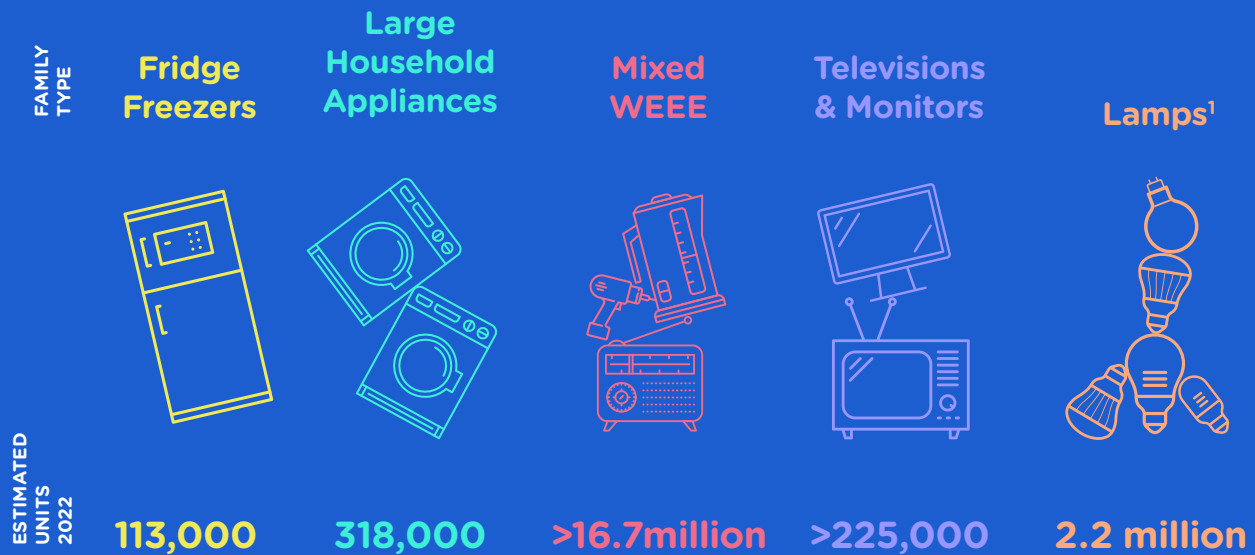
■ 2022 Collection Rate kg/person  
■ 2021 Collection Rate kg/person  
■ 2020 Collection Rate kg/person

\*Note WEEE Ireland designated collection area for B2C WEEE excludes Fingal, Cavan, Monaghan, Louth, Meath, Clare, Limerick and Kerry except for Waste Lighting Equipment (excluded from this graph). WEEE Ireland manages an all-county national takeback solution for the Irish Lighting Sector.

## Units Per Family

# 19.5 million

WEEE appliances were collected for recycling by WEEE Ireland in 2022 including:



Total **19.5 million**

## Sampling for Data (In the mix)

WEEE Ireland and its contractors undertake 2 full sampling days on Mixed WEEE intake each year to understand and report on the breakout of categories and subcategories of material. This significant undertaking requires a shutdown of processing operations while a manual sort and weigh operation in 20 sub categories is carried out on 10 tonnes of material for each sample. Mixed WEEE is the operational name for e-waste ranging in type from kettles, toasters and microwaves to DVD players, tools, toys, lighting equipment, vacuum cleaners, coffee makers, calculators and much more.....



<sup>1</sup> Gas discharge lightbulbs including energy saving compact and longer fluorescent tubes.

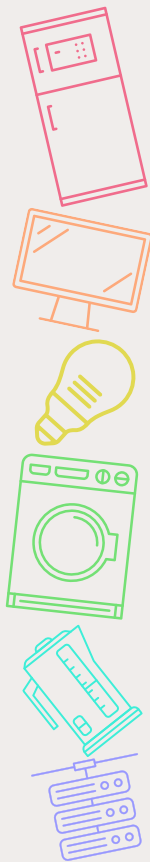
# WEEE Targets

## WEEE Ireland Collection Rate Data

In 2022 WEEE Ireland achieved 54% takeback collection rate based on standard three-year average POM comparison methodology. However if a WEEE Flows approach is taken the effective takeback rate is over 60%\*.

To review takeback rates across categories further breakdown is needed. Including some 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 are surpassing targets, Fridge Freezers and Screens are still at least 10% away from the 65% achievement rate. 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 2022 COMPARED TO 3 YEAR POM
<b>CAT 1 Temperature Exchange</b>		
Cat 1 (1.1, 1.2, 1.3 Fridge Freezers)	6,301	54%
Cat 1 (1.4 Heatpumps)	0	0%
Cat 1 (1.5 Other heating)	384	46%
<b>Cat 1 Total</b>	<b>6,685</b>	<b>51%</b>
<b>CAT 2 Screens</b>	<b>3,080</b>	<b>50%</b>
<b>CAT 3 Lamps</b>	<b>304</b>	<b>25%</b>
<b>CAT 4 Large Appliances</b>		
Cat 4 (4.1 LHA)	16,166	67%
Cat 4 (other Large Appliances)	5,455	54%
<b>Cat 4 Total</b>	<b>21,621</b>	<b>63%</b>
<b>CAT 5 Small Appliances</b>	<b>7,729</b>	<b>42%</b>
<b>CAT 6 Small IT&amp;T</b>	<b>1,385</b>	<b>49%</b>
<b>TOTAL</b>	<b>40,804</b>	<b>54%*</b>

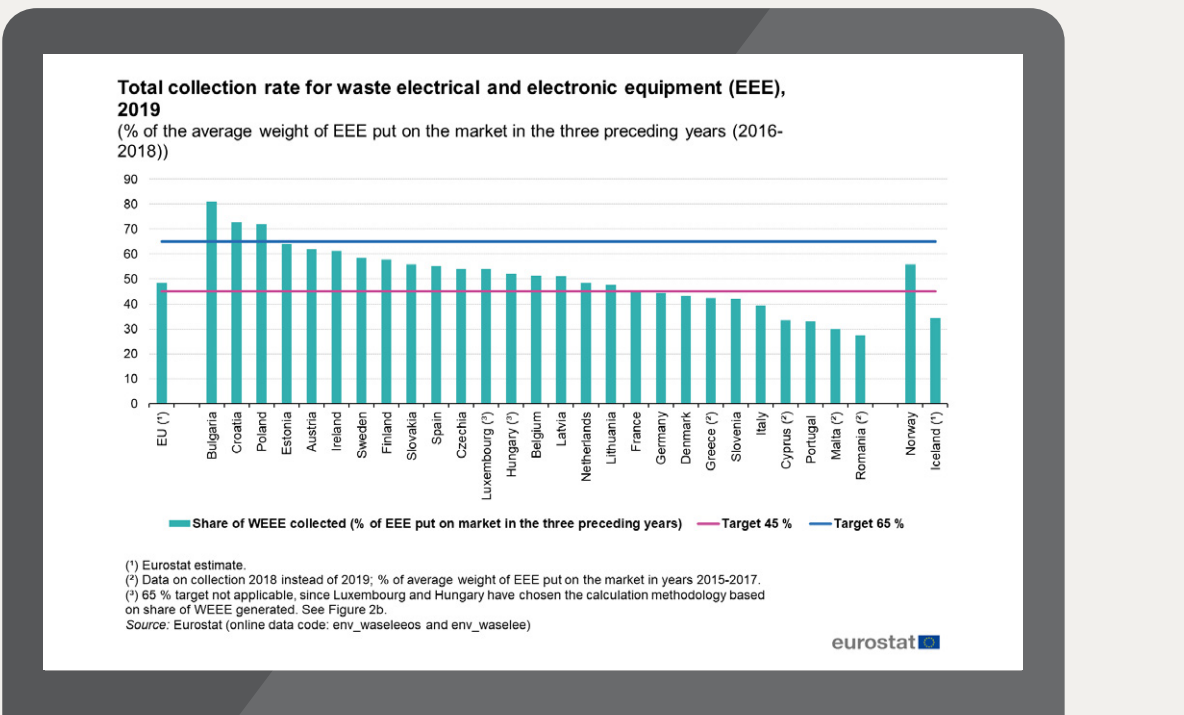
\*When a WEEE flows approach is taken the effective collection rate is 60% or higher. See WEEE Flows section on pg 30.

# Why are WEEE collection rates falling?

Falling WEEE collection rates in Ireland directly relates to increased consumption which again continues to grow, reaching higher European norms than previously typified the Irish marketplace. This increased supply and sale of EEE onto the Irish market can be seen in national reporting data. Irish Producers placed almost 25kg of household electrical equipment per head of population in 2022.

As the largest Scheme for collection of household and dual use e-waste in the Irish marketplace, WEEE Ireland accounts for over two thirds of all national WEEE collection activity. We benchmark our activity against other not-for-profit Schemes across Europe in the WEEE Forum. In 2021 WEEE Ireland ranked 5th out of 24 countries in the WEEE Forum comparing WEEE collection rates <sup>2</sup>.

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 data.



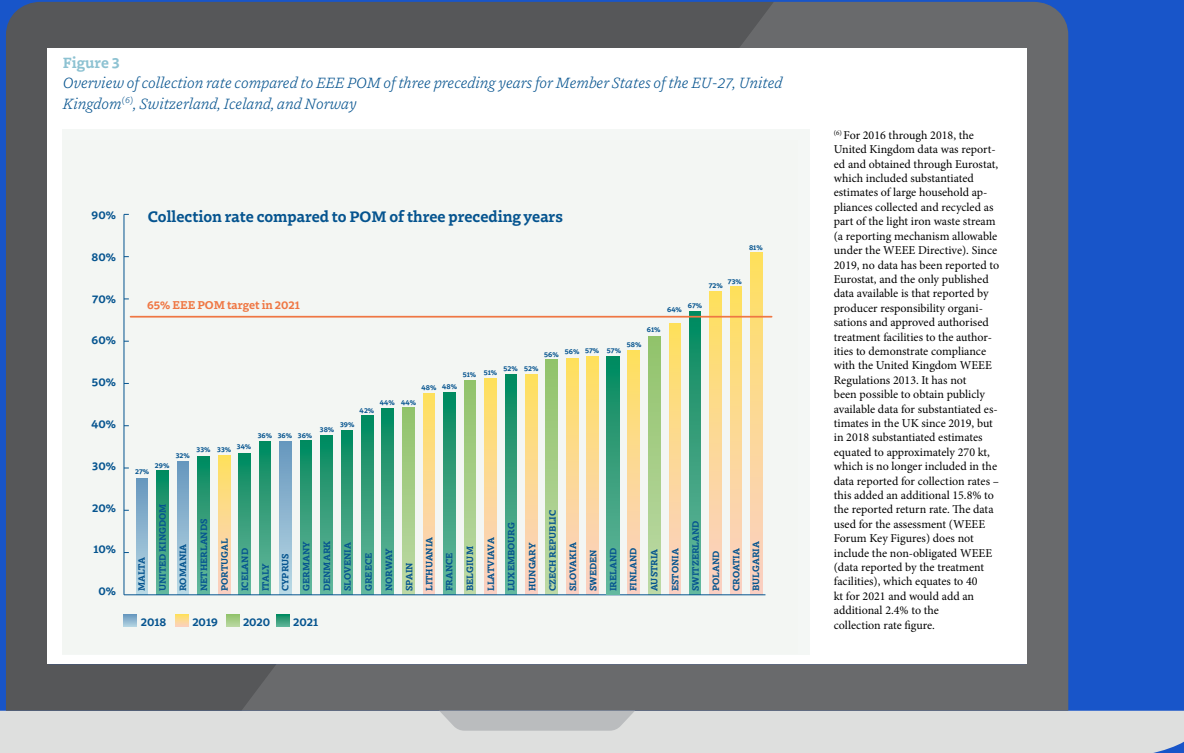
According to Eurostat in 2020, the collection rate of WEEE was only 45.9% in the European Union <sup>3</sup>.

<sup>2</sup> <https://weee-forum.org/key-figures/>

<sup>3</sup> [https://ec.europa.eu/eurostat/statistics-explained/index.php?title=Waste\\_statistics\\_-\\_electrical\\_and\\_electronic\\_equipment](https://ec.europa.eu/eurostat/statistics-explained/index.php?title=Waste_statistics_-_electrical_and_electronic_equipment)

# Mapping WEEE Flows & Distance to Target

Increasing consumption rates, hoarding, leakage and unauthorised exports are also noted as reasons for most European countries not hitting the 65% collection rate target in the updated WEEE Flows report from Unitar published in 2022<sup>4</sup>.



[https://weee-forum.org/wp-content/uploads/2022/12/Update-of-WEEE-Collection\\_web\\_final\\_nov\\_29.pdf](https://weee-forum.org/wp-content/uploads/2022/12/Update-of-WEEE-Collection_web_final_nov_29.pdf)

## An Effective WEEE Target

Using a WEEE Flows approach the Effective Target =  
 (Active Scheme Collection Volumes plus Other Documented WEEE Flows)/  
 (POM tonnes minus Not Available for Collection POM tonnes)

Effective Takeback Rate	TONNES	%
3 year POM minus PV	75,766	100%
<b>Target</b>	<b>49,248</b>	<b>65%</b>
Takeback	40,804	54%
WEEE Flows*	4,235	6%
<b>Effective Takeback</b>	<b>45,039</b>	<b>60%</b>

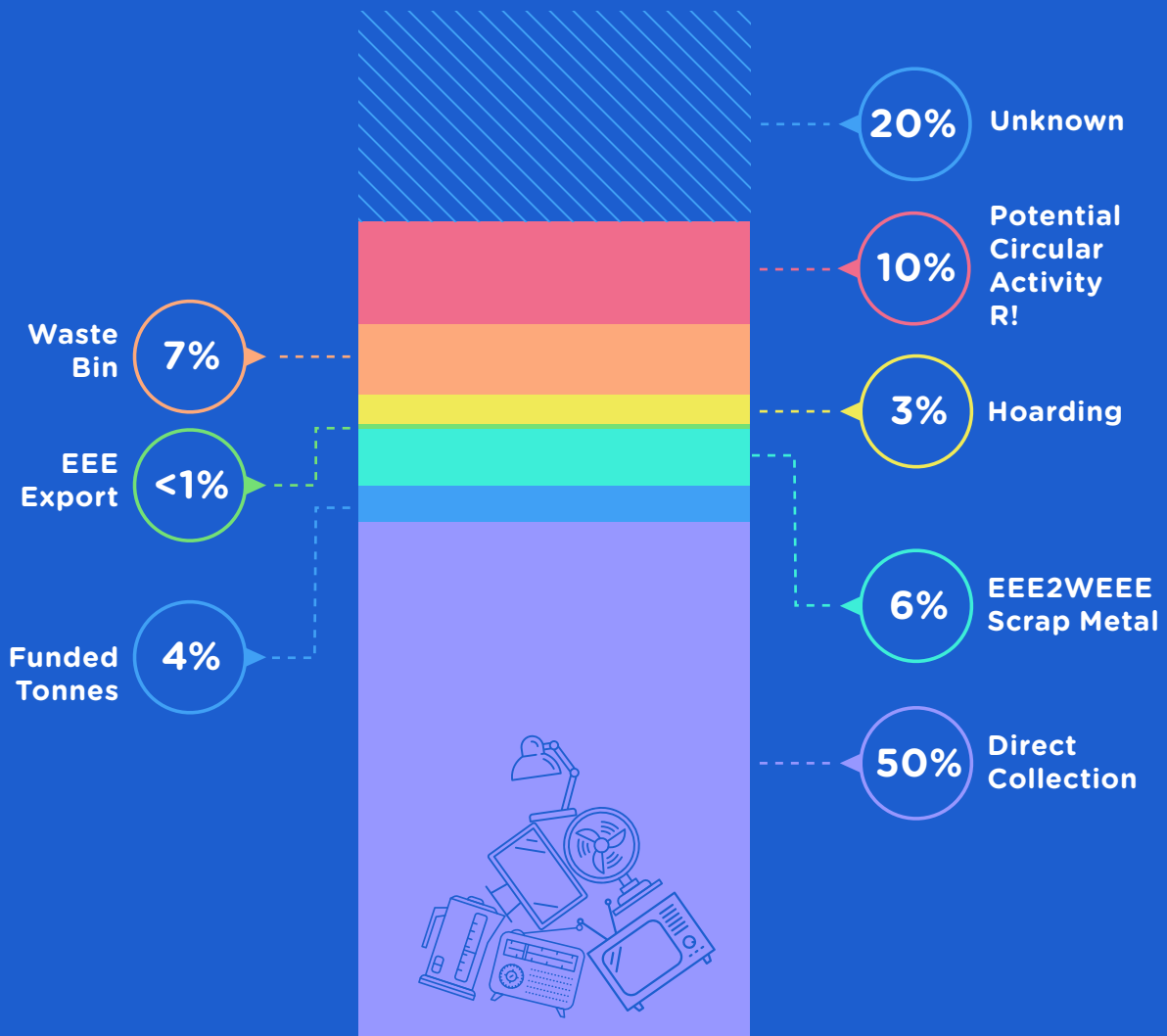


\*Only WEEE in Scrap Metal is included here, however additional WEEE Flows to be counted could include EEE export, Waste bin, hoarding metrics as well as waste prevention through repair and reuse as illustrated in the stacked diagram. Removal of other long life new technologies from the POM such as heatpumps would also be more reasonable in calculating an effective takeback rate.

<sup>4</sup> [https://weee-forum.org/ws\\_news/weee-flows-2-the-update-of-weee-collection-rates-targets-flows-and-hoarding/](https://weee-forum.org/ws_news/weee-flows-2-the-update-of-weee-collection-rates-targets-flows-and-hoarding/)

# WEEE Ireland

## WEEE Flows 2022



The stacked bar graph illustrates the distance to target in the Irish context and how we are missing opportunities to close this gap in both data collection and active operations in Ireland. The additional WEEE Flows known and unknown need to be addressed through enhanced measurement programmes. An All-Actors Approach to reporting is recommended to identify pathways for more sustainable EEE management and mitigating against unauthorised and unreported material flows.

Mapping Adjusted WEEE Flows for WEEE Ireland a new metrics model should include:

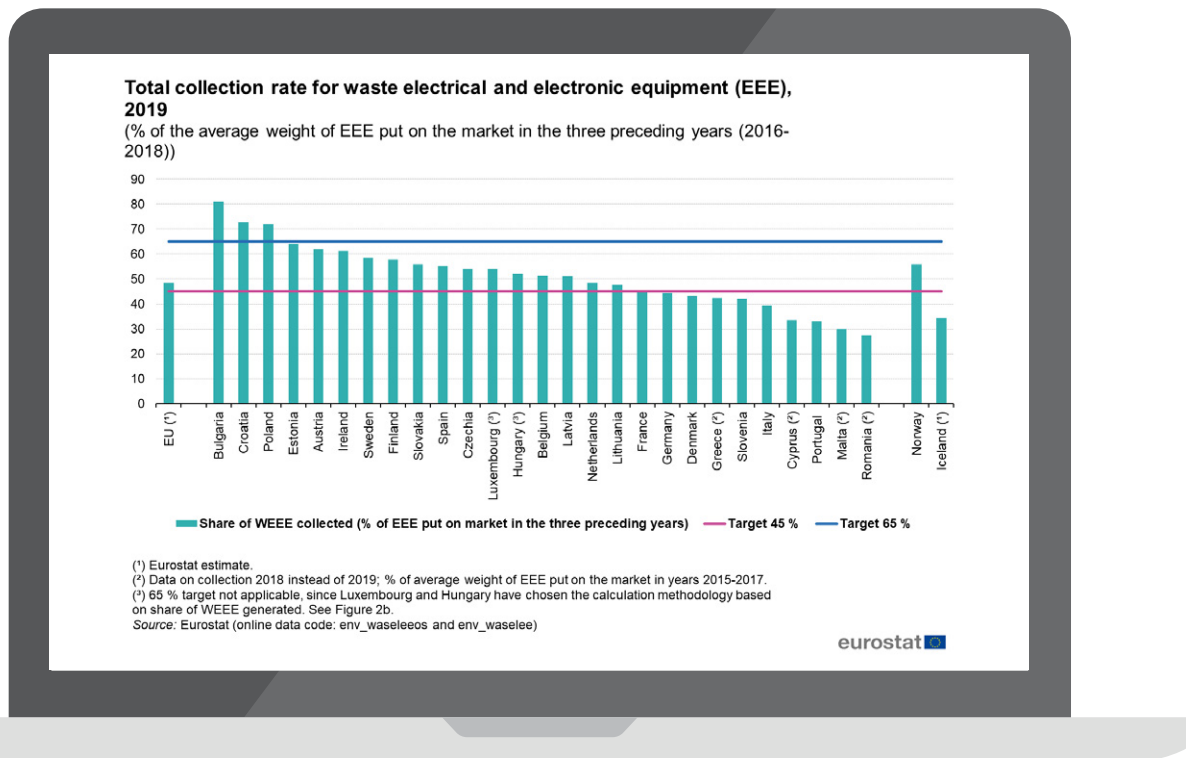
- I. Direct Takeback Tonnes WEEE Schemes & Self Compliant Producers
- II. Reconciliation Scheme funded tonnes
- III. Removal of PV and other long life new technology (e.g., Heatpumps) POM data
- IV. Substantiated Estimates for WEEE Arising in Scrap Metal Recycling in Ireland
- V. Continued measurement of WEEE and Waste Batteries arising in residual waste from EPA waste characterisation studies
- VI. Measurement and removal from POM of Exported EEE for reuse and refurbishment

# Battery Collection Results

“ The overall objective of the Batteries Directive ...is to minimise the negative impact of batteries and accumulators on the environment, thus contributing to the protection, preservation and improvement of the quality of the environment. Therefore, waste batteries and accumulators should be collected; a high collection and recycling rate should be achieved to ensure a high level of environmental protection and material recovery. ”

EUROSTAT 2022

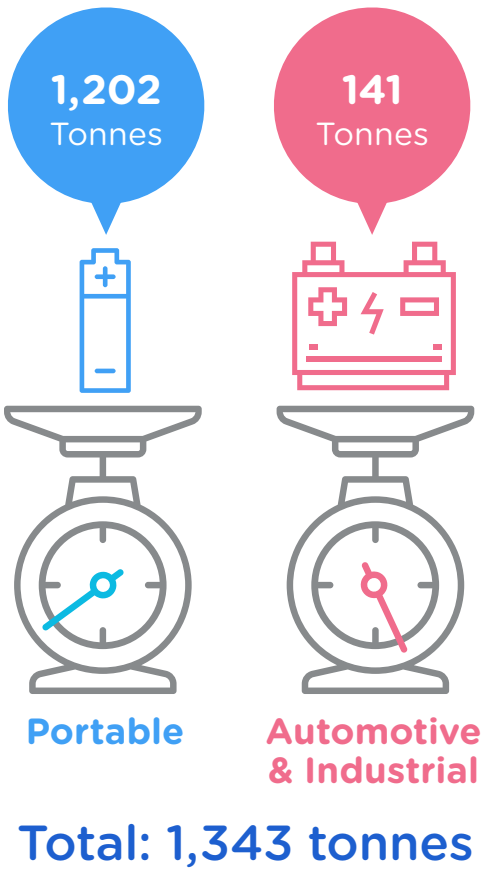
## Benchmarking



In 2022 WEEE Ireland achieved a **46%** waste portable battery collection rate on behalf of Members, once again surpassing the EU target of 45%<sup>5</sup>

<sup>5</sup> 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  $yi = \frac{PWB \text{ collected } yi}{(PoM \text{ } yi + PoM \text{ } yi-1 + PoM \text{ } yi-2)/3}$ .

# Collections by Battery Type



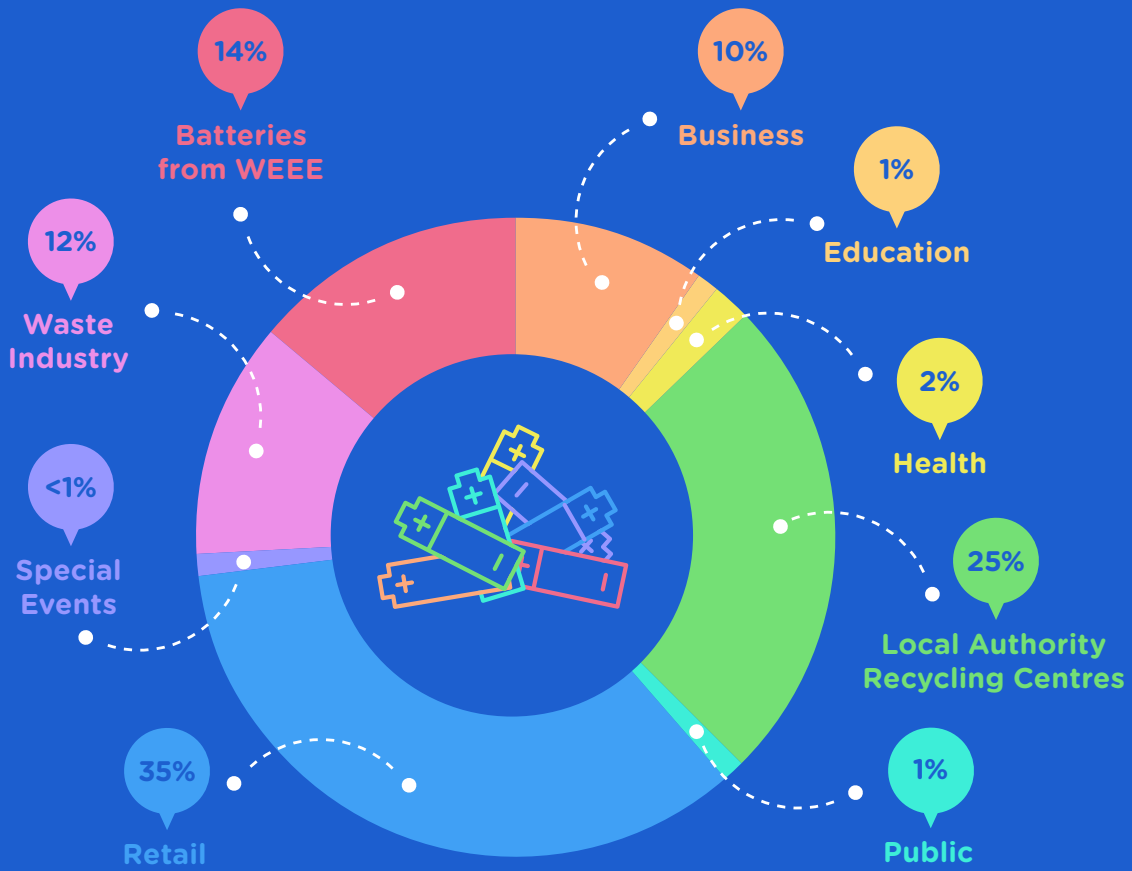
1,202 tonnes of portable batteries are the weight equivalent of more than

**60**  
million  
AA batteries

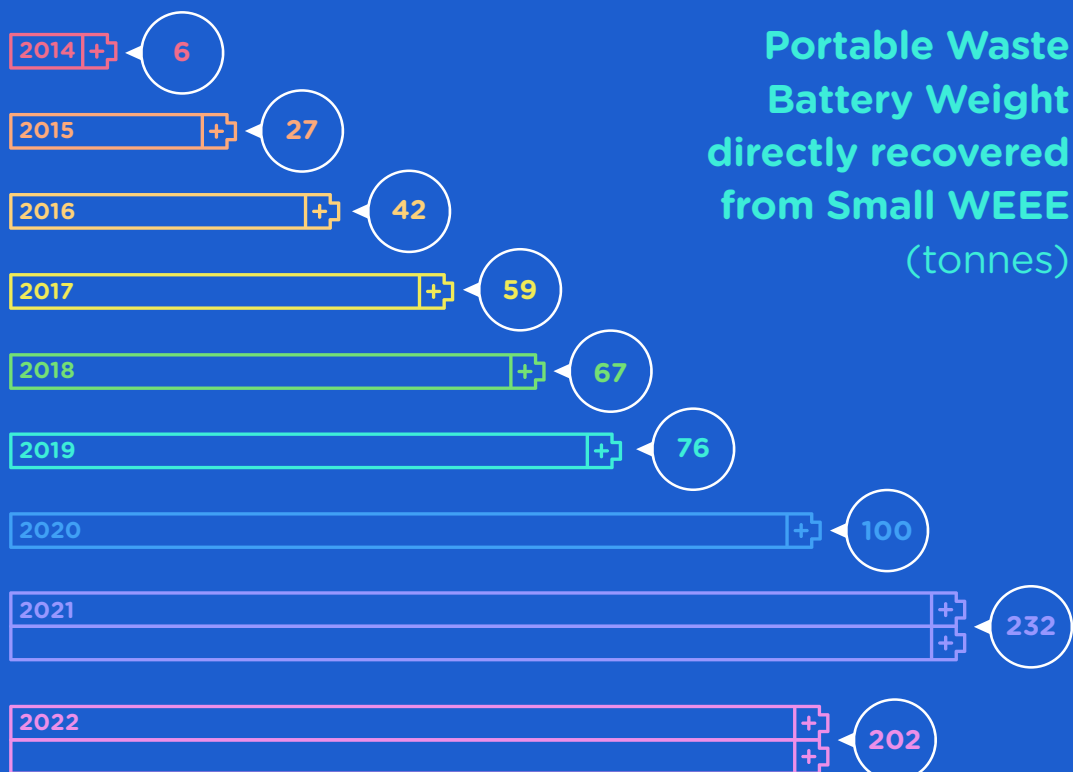




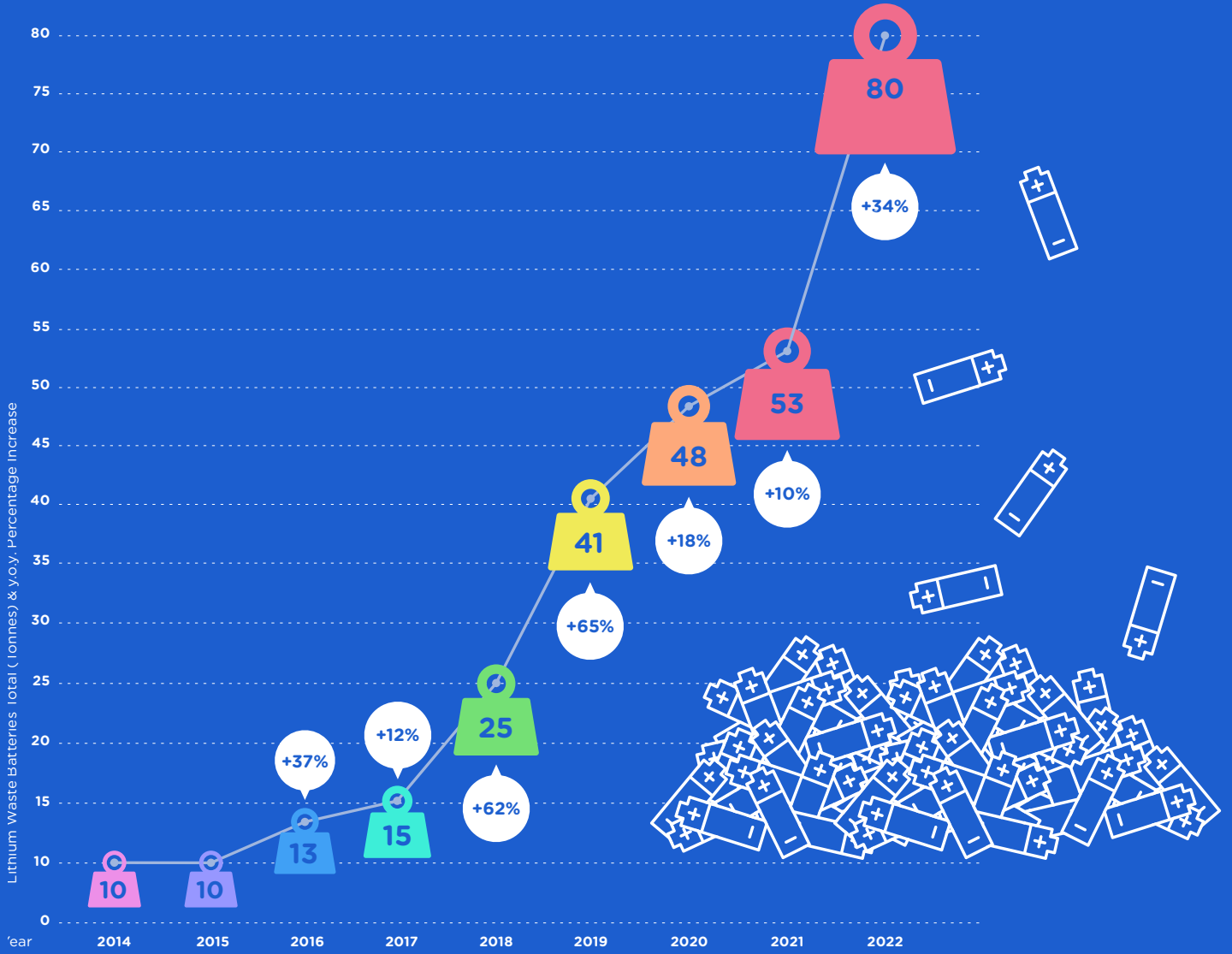
# Portable Battery Collection Point Data



## Batteries in WEEE



# Waste Lithium Batteries



# WEEE Ireland Reminds The Agricultural Sector To Recycle Farm Fence Batteries

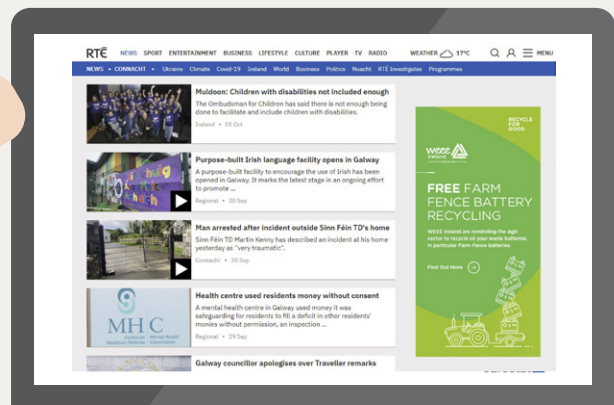
Our Farm Fence Battery Recycling advertising and awareness campaign ran across key Farming sector media in 2022 during the months of April and October. With instore poster, information leaflet and social media assets shared to a list of over 70 key Agri retailers, Local Authorities and WEEE Ireland Members - this sector battery recycling awareness campaign went nationwide.

In the context of the European Green Deal, the forthcoming new Battery framework aims to pave the way for sustainable batteries supporting a more circular and climate-neutral economy. WEEE Ireland is committed to helping the agricultural sector by providing a convenient and free recycling solution - as its 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 were also required to accept these batteries back for free recycling from their customers. And new Farm Fence battery crates were available to co-ops and Agri supply companies to facilitate the recycling of old farm fence batteries. With instructions to shrink-wrap or strap the batteries collected to the pallet 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.



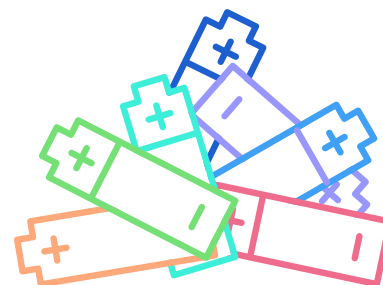
# Resource Recovery Results

## WEEE Ireland Battery Recycling Efficiency Report 2022



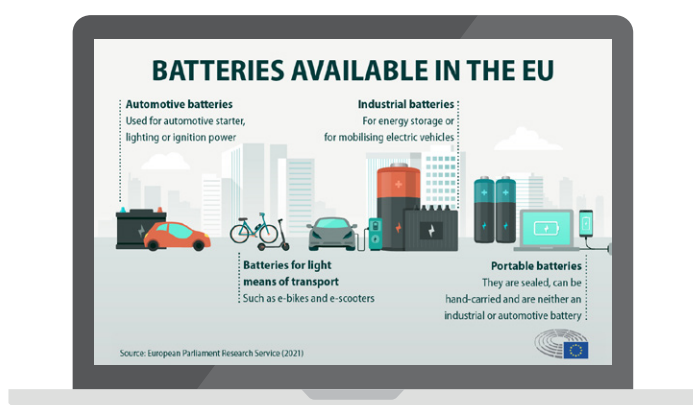
Location	Recycler	Battery	Chemistry Type	WEEE Ireland Recycling Efficiency Achieved	EU Target
UK	H.J. Enthoven & Sons Ltd	Lead-Acid	16 06 01*	86%	65%
Germany	Accurec	Nickel Cadmium	16 06 02*	80%	75%
Germany	Accurec	Nickel-Metal Hydride	16 06 05	54%	50%
Germany	Accurec	Lithium-ion	16 06 05	53%	50%
Germany	Accurec	Lithium Metal	16 06 05	53%	50%
Germany	Redux (Bremerhaven)	Alkaline	16 06 04	98%	50%
Germany	Redux (Offenbach)	Alkaline	16 06 04	96%	50%
Germany	Redux (Bremerhaven)	Fence Batteries	16 06 04	65%	50%
Germany	Redux (Offenbach)	Fence Batteries	16 06 04	76%	50%
Germany	Redux (Bremerhaven)	Nickel-Metal Hydride	16 06 05	93%	50%
Germany	Redux (Offenbach)	Nickel-Metal Hydride	16 06 05	93%	50%

## Charge Ahead



Throughout 2022 WEEE Ireland actively engaged with the DECC and our colleagues in Eucobat to input into European consultations towards new Battery Regulations. These new rules, due to be published in June 2023, will replace the existing Directive and prescribe a more detailed and lifecycle approach to Batteries across Europe impacting Irish businesses, consumers and the Compliance Scheme.

The agreed new Regulations will cover the entire battery life cycle, from design to end-of-life and apply to all types of batteries sold in the EU: portable batteries, SLI batteries (supplying power for starting, lighting or ignition of vehicles), light means of transport (LMT) batteries (e.g. batteries for electric scooters and e-bikes), electric vehicle (EV) batteries and industrial batteries. Other changes ahead will include new labelling and information for consumers, due diligence processes on material sourcing, battery management systems and changes to removability requirements.



Significantly for the Scheme, Collection Targets are set to increase from 45% in 2023 to 63% by 2027 and 73% by 2030 for portable waste batteries. New Targets for LMT with takeback at 51% by 2028 and 61% by 2031. The new requirements will also expand national takeback systems as all waste LMT, EV, SLI and industrial batteries will need to be collected, free of charge for end-users, regardless of their nature, chemical composition, condition, brand or origin.

“For the first time in European legislation, the Battery Regulation lays down a holistic set of rules to govern an entire product life cycle, from the design phase to end-of-life. This creates a new approach to boost the circularity of batteries and introduces new sustainability standards that should become a benchmark for the entire global battery market. Batteries are a key technology for fostering sustainable mobility and for storing renewable energy. To achieve the objectives of the Green Deal and to attract investment, co-legislators need to move for a swift adoption of clear and ambitious rules and timelines.”







Rapporteur Simona Bonafè MEP February 2022<sup>6</sup>.

<sup>6</sup> <https://www.europarl.europa.eu/news/en/press-room/20220304IPR24805/new-rules-on-batteries-meps-want-more-environmental-and-social-ambition>

# WEEE Ireland WEEE Recovery Rates 2022

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 97% of material across the WEEE categories was recovered for use again in manufacturing or final energy recovery.

**Across all categories ~80% of material was recycled and a ~97% 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	81%	77%	83%	83%	73%	80%
EU Target Recovery Rate	85%	80%	n/a	85%	75%	75%
WEEE Ireland Recovery Rate	99%	98%	97%	96%	96%	97%

## Environmental Footprint



*The circular economy offers an alternative to today's linear ('take-make-waste') model of production and consumption. Previously, we extracted great quantities of natural resources to make things that we may use only once before throwing them away. Transforming our approach to consumption and production in line with modern circular economy principles entails the use of waste and the minimisation of new resource use. Superior design preserves product value for as long as possible, through durability and repair. When a product has reached the end of its life, its parts can readily be used to create further useful products. Ireland has scope for major progress in relation to all aspects of the circular economy.*



Climate Action Plan 2023 CAP37.

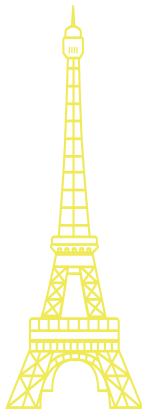
In 2022, the equivalent of 216,157 tonnes of CO2 emissions were avoided by recycling e-waste through the WEEE Ireland Scheme as opposed to landfilling. That is the equivalent of the annual carbon consumption of 4,323 hectares of trees<sup>8</sup>.

The WEEE collected by WEEE Ireland for recycling in 2022 has recovered an estimated:

**20,603 tonnes of Iron.**

This is equivalent to

**2.78 Eiffel Towers**



**839 tonnes of Copper.**

This is equivalent to

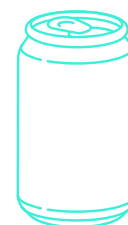
**9.33 Statues of Liberty**



**980 tonnes of Aluminium.**

This is equivalent to

**65,352,542 cans<sup>9</sup>**



<sup>7</sup> <https://www.gov.ie/en/publication/7bd8c-climate-action-plan-2023/>

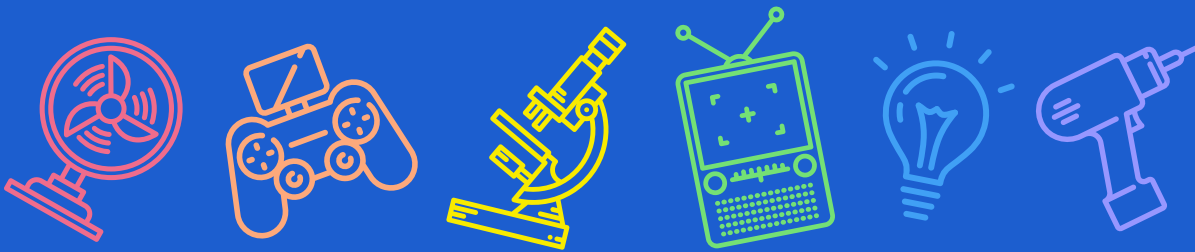
<sup>8</sup> based on average yearly uptake of CO2 of a hectare of Pinus Halepensis

<sup>9</sup> Building the tower required 7,300 tons of iron. The Atomium weights 2400 tonnes. The statue of liberty used 90 tonnes of copper.

[https://copper.org/education/liberty/liberty\\_design3.php](https://copper.org/education/liberty/liberty_design3.php)

A 1-euro coin contains 5.625 g of copper. Average weight of a 33 cl can is 15 grams.





## Quality Management of WEEE

Quality Management of WEEE in 2022 was delivered and supported through:

- Continued investment in cages and WEEE receptacles
- A palletisation programme for fridge freezers and large appliances
- Further upgrades for metals/plastics separation in small WEEE treatment at KMK
- Increased awareness of lithium batteries in WEEE and the measures to manage this
- Continued regular batch tests to determine fraction outputs from treatment of each WEEE family
- Development of robust selection criteria for fridge freezer treatment subcontractors
- An open book regime with KMK as the main treatment partner which delivers oversight and insights to managing the e-waste challenge

Throughout 2022 WEEE Ireland continued to strive towards closing the gap towards the 65% collections target through:

### **WEEE Collection Point Engagement**

- Physical visits to collection points recommenced in 2022
- Supplemented with online meetings with *We'll Take it Back* Retailer Groups and local authorities
- Supported by WERLA and EPA interaction
- Key focus on WEEE handover from waste industry and metal merchants
- Supporting key retailers in the rollout of their instore takeback programmes

### **Retailer Takeback Program**

- Active We'll Take It Back Retailer Group
- 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
- Emphasis for 2022 on increasing small WEEE takeback
- Rollout of small WEEE receptacles at electrical stores
- Encouraging household collection of small WEEE at time of delivery/takeback of large appliances
- Challenges continue with takeback resulting from online sales and courier delivery

### **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

### **New Initiatives**

- Expanded Waste Industry and Scrap Metal engagement
- Recycle IT - resident associations/alternative collection sites and apartment complexes
- Small WEEE container rollout





## AEW Partnership

- Lighting Industry Partnership to promote lighting WEEE takeback
- Delivered nationwide through AEWs Electrical Wholesale outlets
- Objective to support the takeback of waste lighting which currently have low takeback rates
- Operational and awareness aspects to the programme
- Drill down to facilities undergoing lighting upgrades
- Compliments roll out new lighting technologies and circular economy aspects
- Staff training component
- Awards function to recognise good performance

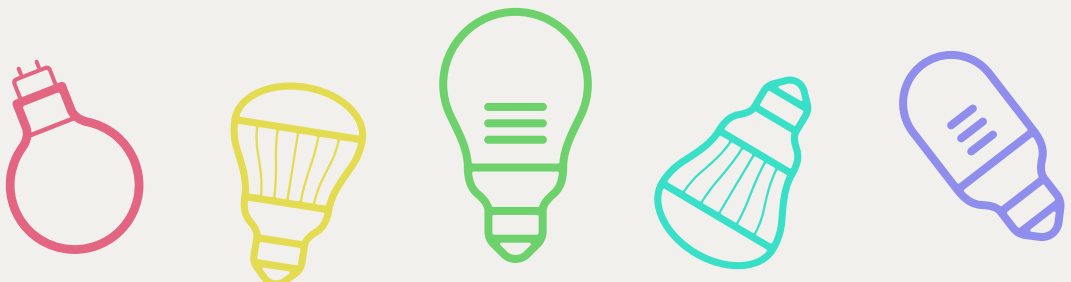
**During 2022 the AEW's 130 wholesalers took back a total of 420 tonnes of lamps, fittings, and luminaires.**



The AEW increased their lighting take back by 8%. Records are weight based and taken from a 12-month period from April 2021 to March 2022. With the change in product range and lighting becoming smaller and lighter, this was a great achievement.

4 of the 6 buying groups showed significant increases and engaged with the above initiatives and what WEEE Ireland and the AEW are trying to achieve and their role in the Circular Economy.

With the engagement of AEW members and the information provided to them about their obligations and the Circular Economy, WEEE take back is now part of their day-to-day business and going forward we expect to see volumes rise.



# Electrical Wholesalers Win at Ireland's Inaugural AEW Awards

WEEE Ireland continued its partnership with the Association of Electrical Wholesalers with the addition of sponsorship of WEEE Category recognising excellence in Lighting Recycling and Take Back at Ireland's electrical awards, hosted by the Association of Electrical Wholesalers (AEW).

Winners of the category recognised in two categories – Best Performing Branch and Most Improved Branch – highlighting their sustainable business practices when it comes to recycling waste electrical and electronic equipment (WEEE) in 2021.

“WEEE Ireland is the only lighting recycling scheme in Ireland and has been working on behalf of the lighting sector to organise the collection and recycling of waste lighting for the past 16 years,” said Leo Donovan, CEO, WEEE Ireland.

“The WEEE Recycling Awards, which are part of the AEW Awards, recognise and reward green, sustainable business practices amongst AEW's 130 members across Ireland. A huge well done to all twelve winners whose recycling efforts enable their customers to easily return and recycle waste lighting, delivering a positive impact on the environment over the long term.”

Winners were delighted to be awarded for their efforts in ensuring waste lighting from their customers is properly recycled. Adding, that not only is it a boost for business and their team to have their efforts recognised, but that it was rewarding to know that they are making a difference to the environment, in their own small way.

Ken Legros, President, AEW, said AEW and its 130 members work closely with WEEE Ireland and Irish Lamps Recycling to improve WEEE recycling performance in the industry, by driving lighting take back and recycling awareness across the electrical wholesale and trade sector.

## Best Performing Branch Winners

- CEF Finglas
- Easter Electrical Little Island Cork
- Flaherty Markets Galway
- MCK Electrical Cork
- Kelliher's Ballymount
- Monaghan Electrical

## Most Improved Branch

- CEF Sligo
- Eastern Electrical Cavan
- WESCO Drogheda
- TEF Tullamore
- CT Electrical Ballina
- Maynooth Electrical Supplies

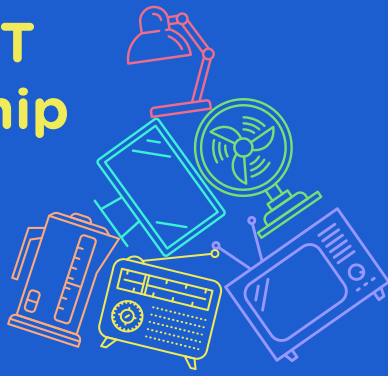


“The awards are a great way to celebrate and recognise the best performing electrical wholesalers in lighting recycling and, hopefully, will inspire all AEW members to re-double their WEEE Recycling efforts in 2022,” he said.

WEEE Ireland works in partnership with AEW, and the Producer led Lighting Association of Ireland to facilitate the return and recycling of waste lighting across all 26 counties. Its main recycling partner, Irish Lamps Recycling, works with electrical wholesalers to collect waste lighting from their premises and electrical contractors to collect waste lighting directly from construction sites.



# Recycle IT Partnership 2022



Recycle IT is a not for profit, social enterprise which creates sustainable local training and employment through electrical, electronic, and metal recycling for reuse. 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 help Recycle IT improve visibility, credibility, and brand image. Both organisations have a shared interest in making electrical recycling easy and accessible to recyclers. The relationship has help strengthen Recycle IT and has helped the team increase the quantities of Waste Electrical and Electronic Equipment recycled yearly. In 2022 Recycle IT achieved a 21% increase in weights recycled over 2021 and a 13.5% increase in collection from households, and organisations including school and charities.

During 2022 Recycle IT experienced a 16.5% increase in staff employed including individuals taking part in return-to-work training which is core to the mission of the organisation. WEEE recycling activities including collections, customer service, breakdown, administration offers real, worthwhile, and productive training which can lead to employment. Engaging as part of a team builds confidence in people returning to the workforce after a period away.

In July 2022 Recycle IT formally commenced a pilot initiative collecting WEEE from residents in apartment complexes located across Dublin. The number of people living in apartment has increased over the last ten years and this trend is expected to continue. This apartment recycling initiative was delivered across private, social and student apartments with the support of WEEE Ireland. The related activities and results are recorded monthly to help inform planning for future needs.

As part of this initiative Recycle IT applied to Dublin City Enterprise Awards 2022 and were chosen as an award recipient for our work supporting apartment residents recycle WEEE in Dublin City. As part of the award, we received funding which was used to part fund a new collection van to increase our ability to offer an apartment recycling service.

As Covid ended, Recycle IT worked to promoted residents recycling collection from housing estates and residential areas across Dublin resulting in the team delivering eighty-two collections to resident's associations and housing estates in 2022, up 64% on the previous year. With people becoming increasing aware of their environmental footprint the circular economy increases in importance. Recycle IT are working to ensure WEEE and metal received is separated, made safe or broken down, into component parts for reuse. As this area grows Recycle IT aim to further support the circular economy in partnership with WEEE Ireland.





## We'll Take It Back Powering Positive E-Waste Recycling

Consumers of electrics are entitled to free recycling on a one-for-one, like-for-like basis when buying instore or online, including on delivery – and 52% of WEEE take back was sourced through the retail sector in 2022. 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.

Participating electrical retailers go beyond 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 [weeireland.ie](http://weeireland.ie)

[weeireland.ie](http://weeireland.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.



# WEEE Standards 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 of Irish e-waste. In Ireland Producers and WEEE Schemes must treat WEEE to the EN 50625 standard and this explicitly noted in WEE 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. The current European focus on Critical Raw Material Recovery to support more sustainable production, further highlights the importance of quality treatment and specific recovery application to all WEEE flows at final end of life stage.

“ *The European Commission has expressed the ambition to recover at least 20% of the rare earth elements present in relevant waste streams by 2030. Such an ambition calls for maximum recovery of CRMs, which is fully reliant on three things: Regulations, volumes and recycling technologies. The collection of WEEE that contain CRM must be maximised – the ambition should go beyond recycling technologies. Any adjustment of collection takes resolve – it takes more than four years on average to build waste treatment plants and obtain permits – and requires sustained strategy and financial support.* ”

## WEEE Forum 2022<sup>13</sup>



CATEGORY	DESCRIPTION	RECYCLING FACILITY	CERTIFICATION STANDARD
1	Temperature Exchange	GAP AO Enva Toomebridge	EN 50625-2-3; Temperature exchange equipment.
2	Screens	KMK Kilbeggan, KMK Tullamore	EN 50625-2-2; Displays (CRT, FPD)
3	Lamps	Irish Lamps Recycling	EN 50625-2-1; Lamps
4	Large Appliances	KMK Metals Recycling	EN 50625-1; General Treatment and depollution requirements, LHA
5	Small Appliances	KMK Metals Recycling	EN 50625-1; General Treatment and depollution requirements, Mixed WEEE
6	Small IT&T	KMK Metals Recycling, Wisetek	EN 50625-1; General Treatment and depollution requirements, IT&T

WEEE Ireland and the WEEE Forum support the findings of the study published by European Commission and continue to advocate for mandatory standards across all Member States and their use by Producers, compliance schemes and operators. The study findings proposed proof of compliance with international standards or a formal declaration of conformity with the detailed requirements under Directive 2012/19/EU issued by a third-party verifier as the evidence needed to support quality recycling and recovery of e-waste<sup>14</sup>.

<sup>13</sup> [https://weee-forum.org/wp-content/uploads/2022/11/Call-for-Evidence\\_CRM-Act\\_WEEE-Forum-response\\_Final\\_2022-11-24.pdf](https://weee-forum.org/wp-content/uploads/2022/11/Call-for-Evidence_CRM-Act_WEEE-Forum-response_Final_2022-11-24.pdf)

<sup>14</sup> <https://op.europa.eu/en/publication-detail/-/publication/2004b067-726a-11eb-9ac9-01aa75ed71a1/language-en/format-PDF/source-192249614>



## New Technology and WEEE Innovation

In 2022 WEEE Ireland's super contractor KMK undertook another ambitious technology development installing a new STEINERT magnetic separation, eddy current and state of the art colour sorting system. This project supports additional high-value material extraction and enhances their already best-in-class Small Domestic Appliances (SDA) recycling process which began 12 years ago with the deployment of a Smasher and Shredding System as part of their 'Mixed WEEE' En 50625 certified operations.

During that time KMK also installed a Trennso fines treatment and re-engineered their Holman-Wilfley wash table to further recover valuable raw materials. The SDA recycling process is now complete producing clean plastics and metal fractions which go on to be refined and turned into new products. A truly circular process and the only one of its kind in Ireland! Waste Screen treatment was further improved in the last year

with the installation of the ALR 4000. This latest upgrade on the state-of-the-art automated robotic system from Irish innovation company Votechnik, for flat panel display treatment, is in-situ in the Kilbeggan licenced facility. It is EN 50625 certified and has increased capacity for larger screen size and monitor recycling.

Managing an energy intensive operation requires innovative thinking to mitigate against environmental, cost and supply risks. KMK Metals are now saving approximately 64,000Kg of CO2 per year across Tullamore and Kilbeggan, following a large-scale PV panel installation in 2022. PV allows KMK to generate clean sustainable energy that prevent greenhouse gas emissions. These new panels generate approximately 25% of KMK's energy needs, going a long way to support the recycling and recovery activity carried out on behalf of WEEE Ireland.



[image courtesy of KMK Metals Recycling]





“ Technology is one of the main drivers of innovation and is an essential part of the success of any organisation, including KMK Metals Recycling. We have always believed in the need to keep making investments in the best available and appropriate technology in order to stay competitive and continue to grow, and this approach has worked extremely well so far<sup>15</sup>. ”

**Kurt Kyck**

**KMK Metals Recycling 2022**



## Audit & Review

During 2022 Irish Lamp Recycling, KMK Metals Recycling and the Temperature Exchange (fridges, freezers) sub-contractor facilities, provided the Scheme with recertification details and results from their CENELEC audits to the standard. An active list of all EN 50625 certified operators can be found on the WEEELABEX organisation website including the new LHA certification at KMK's facility which is the only in Ireland with an EN recycling standard that covers WEEE from large white goods<sup>16</sup>.

In-house surveillance reviews are carried out by WEEE Ireland on all direct contractor and sub-contractor operators to validate recovery and efficiency rate reporting, secure information on permitting and licensing, as well as gathering detail on associated inspections and third-party audit results.



<sup>16</sup> <https://www.weeelabex.org/operators-list/>





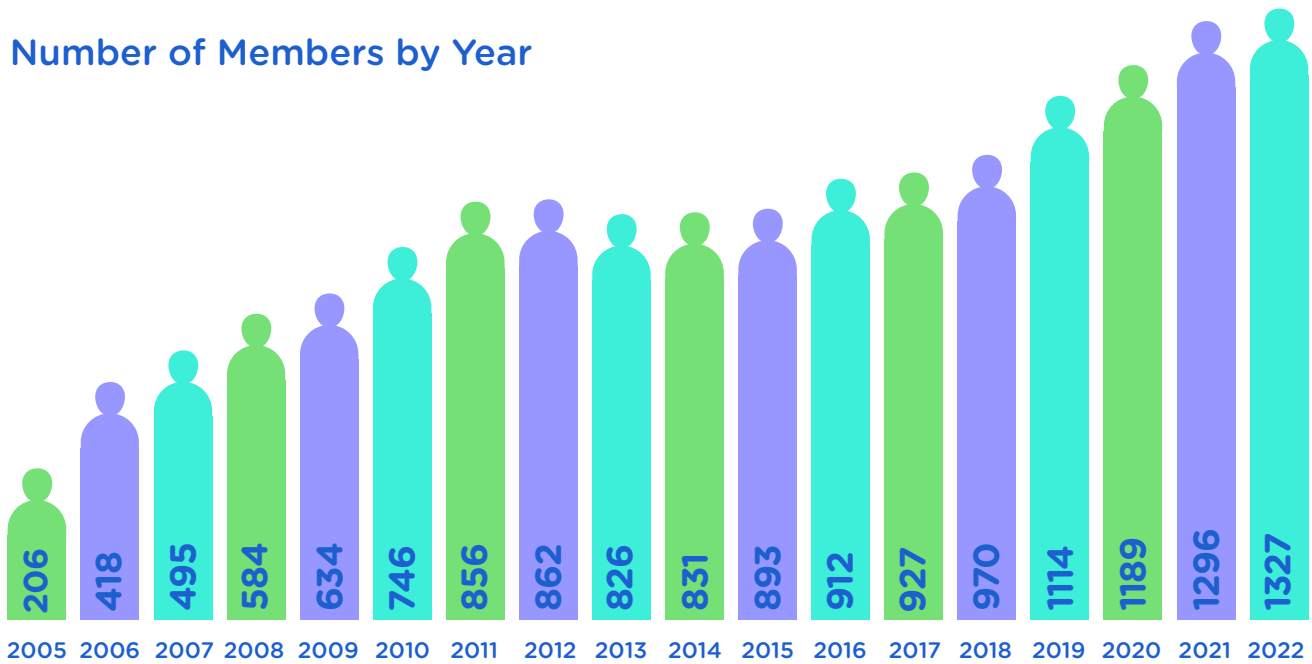
# Membership & Environmental Compliance

# Membership Results

“ By 31 December 2022 WEEE Ireland had 1327 Members, including 85 new Producers who registered with the Scheme during the year. ”

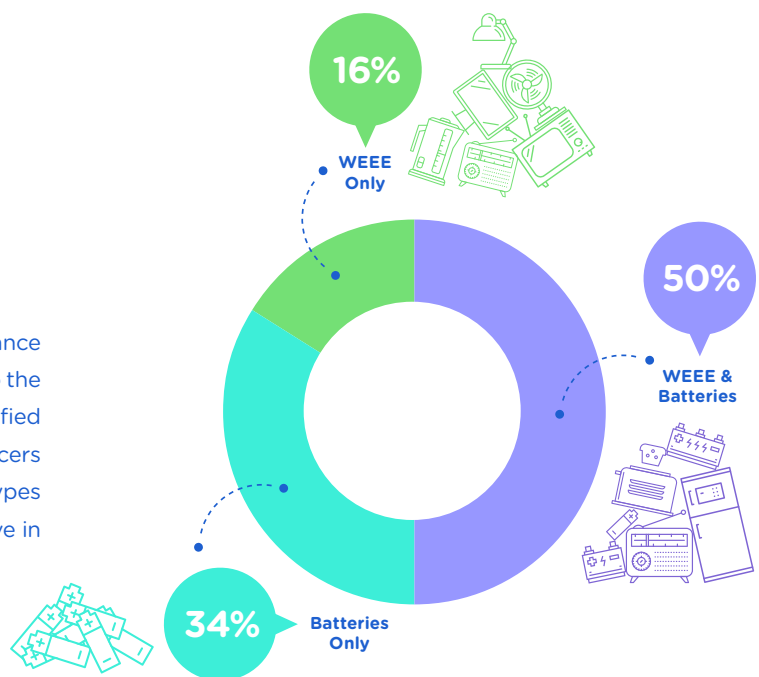
252 Members of the WEEE Ireland Scheme had Authorised Representatives in place, enabling European manufacturers and importers to deliver on their Producer responsibilities in Ireland. This is a significant increase from the 162 in 2021. 54 Producers in 2022 deregistered because of mergers, take overs or exiting the marketplace.

## Number of Members by Year

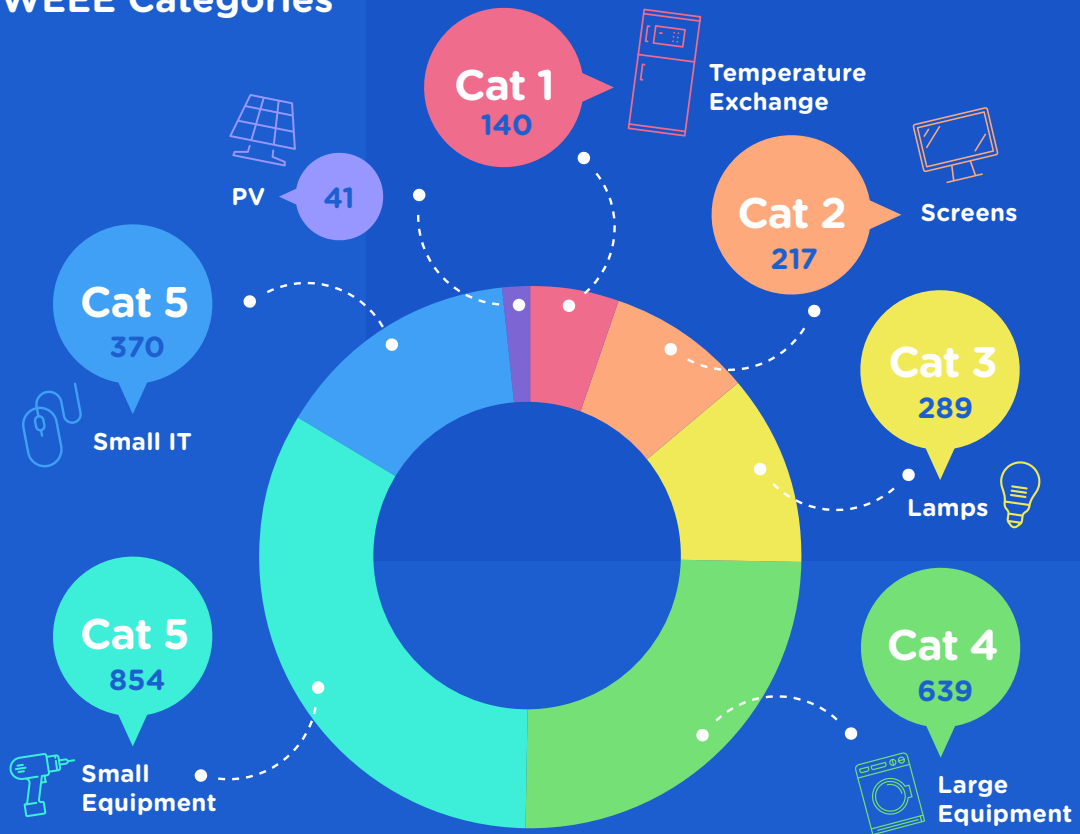


## WEEE Ireland Producer Members by Type

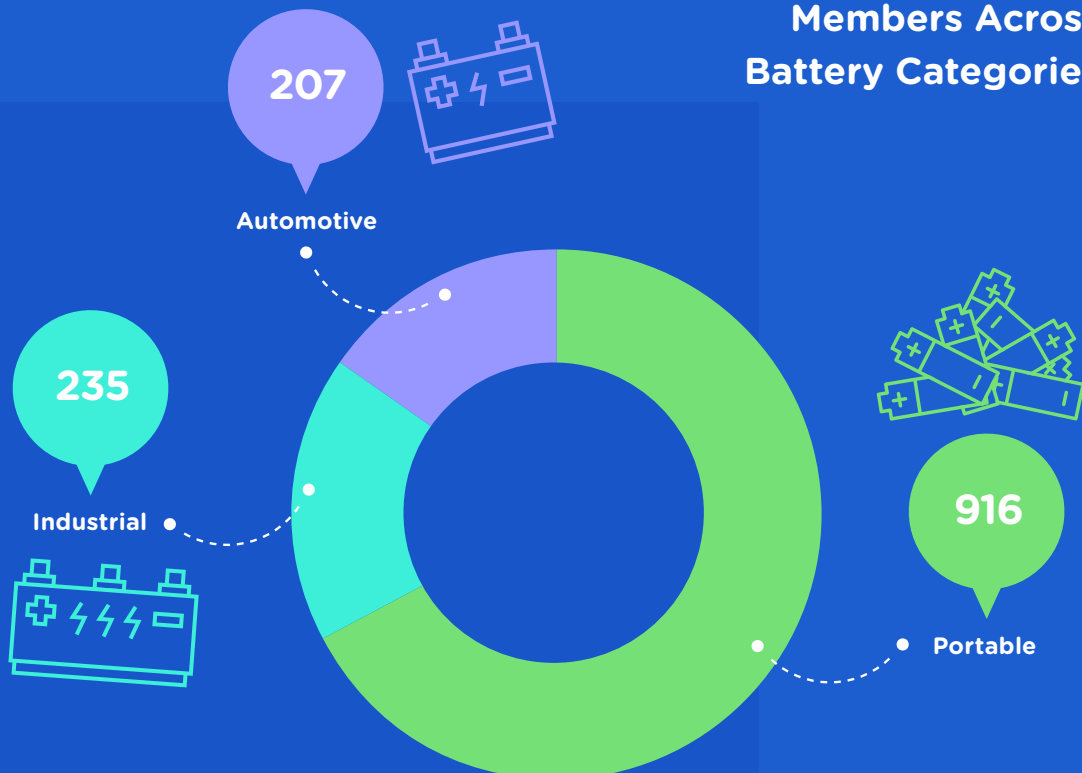
Since 2008 the Scheme has offered compliance solutions to Producers of EEE and Batteries onto the Irish market. The majority of Members are certified for both streams. WEEE Ireland supports Producers of household and dual use (B2C) EEE and all types of Batteries – Portable, Industrial and Automotive in their EPR obligations onto the Irish market.



## Members Across WEEE Categories



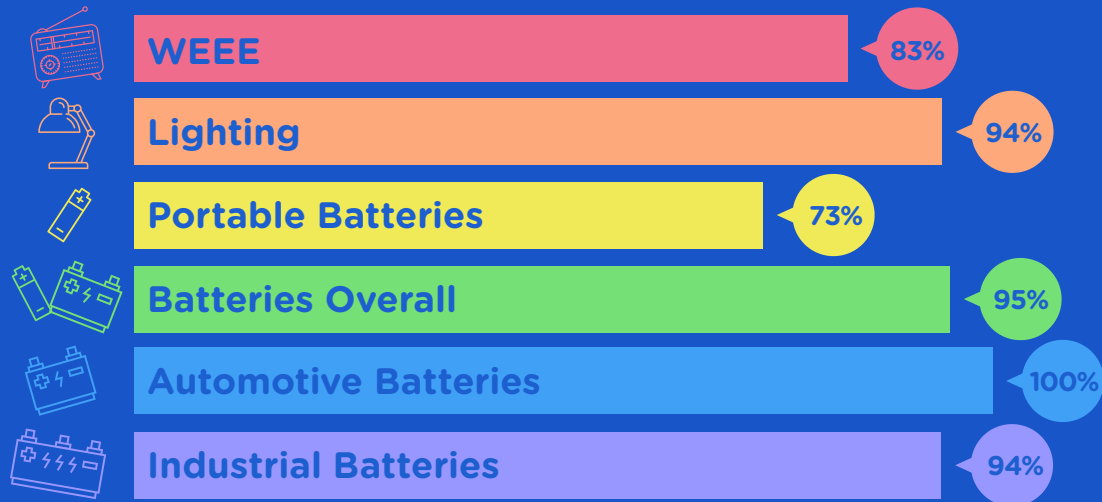
## Members Across Battery Categories



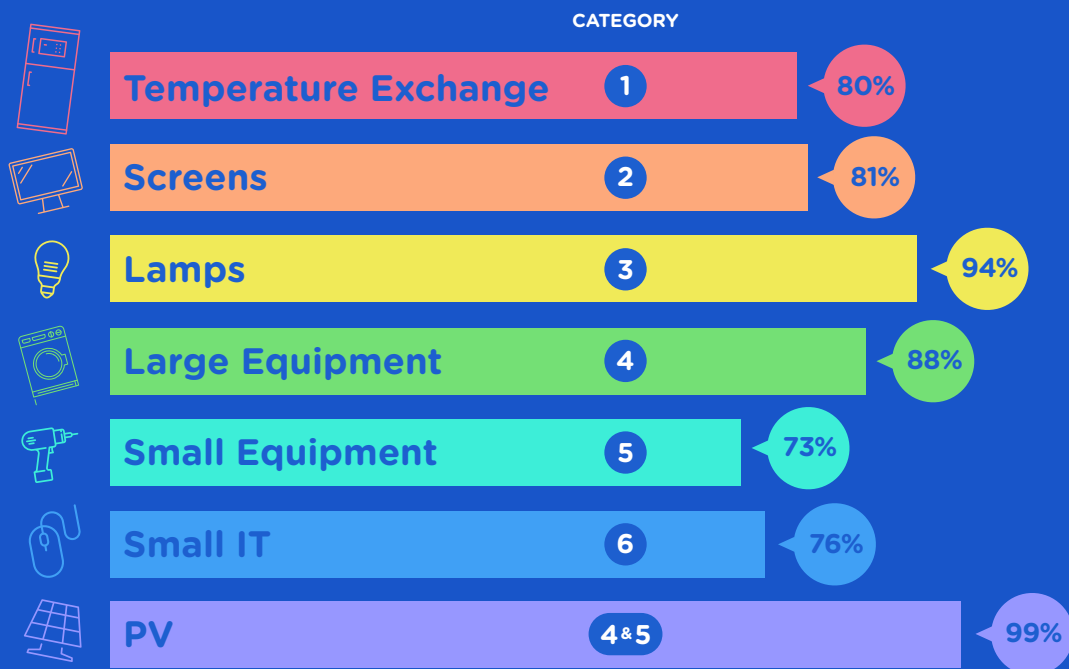
# WEEE Ireland Majority Market Share

WEEE Ireland continued to be the EPR Scheme of choice for Producers in the Irish market in 2022 with a significant majority market share across all categories of EEE and Batteries.

## Market Share



## New WEEE Categories Market Share



## Compliance Reviews & Audits

During 2022, 278 Compliance Reviews were carried out across all types of Producer Members.



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.

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.

## Retailers

By 31st December 2022 there were 8346 retailers registered with the Scheme, including 235 new registrants via licences.ie. 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.

## Membership Communications

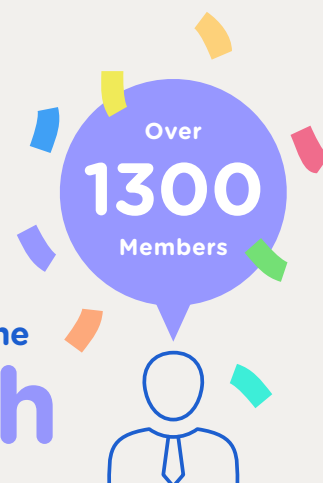
WEEE Ireland's Compliance and Membership team support the collective Scheme ethos by offering streamlined and online compliance services to its members. Applications for joining the Scheme, Certification, exchange of documents and Rules of Membership signing as well as annual renewal of Membership details 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 2022 with an open rate exceeding 40% (average rate for publications in the technical sectors are ~22%).

In addition to direct Member communications, WEEE Ireland engages with key trade associations for alignment in the direction and operations of the Scheme in meeting extended producer responsibility in a dynamic environmental compliance landscape. These include the White Goods Association and Technology Ireland at IBEC, and the Lighting Association of Ireland.



**Lighting Association Ireland**  
Knowledge | Support | Network

**During 2022 the WEEE Ireland Scheme was delighted to pass the 1300th Member milestone!**



## Producers who joined the Scheme in 2022 included:

IM New Energy Vehicles Irl Ltd  
Sennheiser Electronic GmbH & Co. KG  
C.H. Autos Ltd  
Clifford Barron Auto Solutions Limited  
BEDROOM ELEGANCE SALES LTD  
Bolt Itx Ltd  
Ortofon A/S  
Uccello Marketing EU Ltd.  
CCS Media Europe  
Derek Considine Car Sales Limited  
Yomac Cars Ltd  
7 DAY AUTO LTD  
Instagrid GmbH  
Advanced Laser Systems Ltd  
MobielWerkt B.V.  
Duravit AG  
Donaghy Electrical Limited  
Centrepoint Autos Ltd  
Cosgraves Garage Castlebar Ltd  
Tony Kierans Motors Ltd  
First Solar GmbH  
New H3C Technology Co Ltd  
PEIMAR INDUSTRIES SRL  
Gannons Garage (Westport) Ltd  
Xerotech Ltd  
Jim Carey Car Sales  
Zwift, Inc.  
Mnd food limited  
Failte Energy Solutions  
Noel Whelan Car Sales Ltd

Black Label Jacuzzi Ltd  
Doheny Automotive Ltd  
Tier Mobility SE  
Young Living Europe B.V.  
C&G Gallagher Ltd  
Mobi Deal Ltd  
Ovia Ireland Ltd.  
Hunter Douglas UK Retail Ltd  
Autodoc AG  
Ecolab Limited  
Sartorius Ireland Ltd.  
GL Entertainment Distributions Limited  
Repligen Europe B.V.  
Trinity Motors Mazda Ltd  
Elavon Financial Services DAC  
Bluestar Europe Distribution BV  
Poynt, LLC  
TTI, Inc.  
iRobot UK Ltd  
E.M.P. Merchandising Handelsgesellschaft mbH  
Pac Sane Ltd  
Beyerdynamic GmbH & Co. KG  
WindowMaster Control Systems Ltd  
CT Cool Time GmbH  
PoE Lighting Ltd  
Optos PLC  
Dolkun Ltd  
Ascent Information Technology Ltd  
Polestar Automotive Ireland Limited  
Epson Europe BV

## Guidance and Training

The WEEE Ireland Website provides compliance information and guidance as well as 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.



# Pan European Partnerships

Throughout 2022 the Scheme continued its connection with centres of excellence for WEEE and Battery EPR developments through the WEEE Forum and EUCOBAT. The affiliation with WEEE Europe 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. WEEE Ireland is the only Irish representative of these European bodies detailed below.

**The WEEE Forum** is the largest multi-national centre of excellence for the operational know-how concerning the management of waste electrical and electronic equipment (or 'WEEE', for short). Its mission is to become the world's foremost e-waste competence centre excelling in the implementation of the circularity principle. The Brussels based not-for-profit association was founded in April 2002 and counts 50 WEEE producer responsibility organisations (PROs) across the world as its members, including WEEE Ireland.

WEEE Forum PROs are based in Europe, the Americas, Africa, Oceania and Asia. Annually its member organisations reported collection and proper de-pollution, repair and recycling in excess of 3 million tonnes of WEEE across more than 114,000 collection points and growing.

The WEEE Forum has designed and developed a number of platforms and software tools, allowing Member Schemes to benchmark their operations and have access to key data and intelligence. The WEEE Forum is a vibrant community of producer responsibility organisations that are committed to tackling the challenge of E-waste with a committed focus to supporting a standards-based approach.

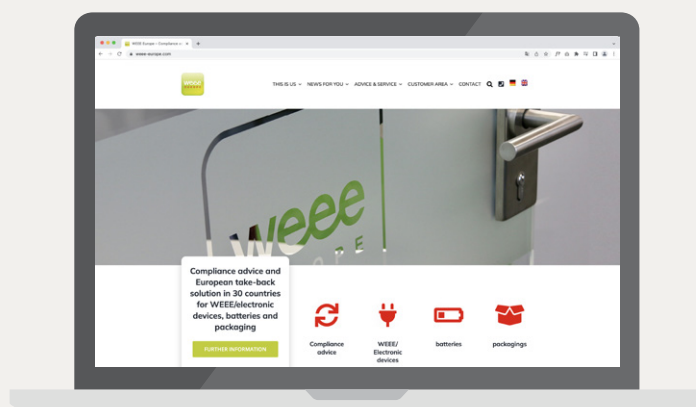
[www.weee-forum.org](http://www.weee-forum.org)

**WEEE Europe** supports 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. WEEE Ireland Members can contact WEEE Europe directly or through the Compliance Team to discuss how this service offering can help their export business comply in other Member States and third countries.

[www.weee-europe.com](http://www.weee-europe.com)



“ Since their founding the producer responsibility organisations of the WEEE Forum have collected, de-polluted and recycled or sent for preparation for re-use 35 million tonnes of WEEE ”  
WEEE Forum 2022<sup>17</sup>



<sup>17</sup> <https://weee-forum.org/who-we-are/>

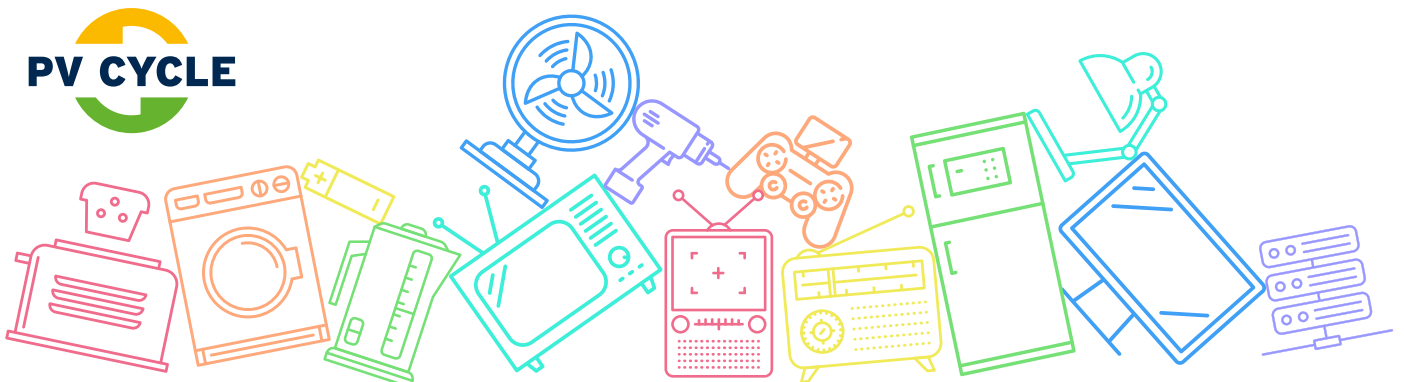
**EUCOBAT** is the European association of not for profit, national battery collection schemes. Eucobat members ensure the collection and recycling of waste batteries across the EU and encourage the sustainable use, collection and recycling of batteries through their communications and best practice initiatives. In the last year the collective expertise of EUCOBAT has been deployed to input into the most ambitious piece of legislation to impact the battery industry in many years. WEEE Ireland looks forward to implementing the EPR requirements of the new Batteries Regulations on behalf of its members and does so with the expanded support and knowledge of the EUCOBAT Schemes.

[www.eucobat.eu](http://www.eucobat.eu)



**PV Cycle** is a non-profit, member-based organisation, 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 and have worked with WEEE Ireland to put solutions in place for those placing PV panels on the Irish market since 2017. PV Cycle is a driving partner behind CIRCUSOL developing circular economy development for the Solar PV industry in Europe<sup>18</sup>.

[www.pvcycle.org](http://www.pvcycle.org)



<sup>18</sup> <https://www.circusol.eu/en>

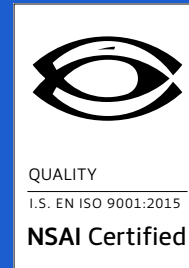




## Environmental & Quality Standards

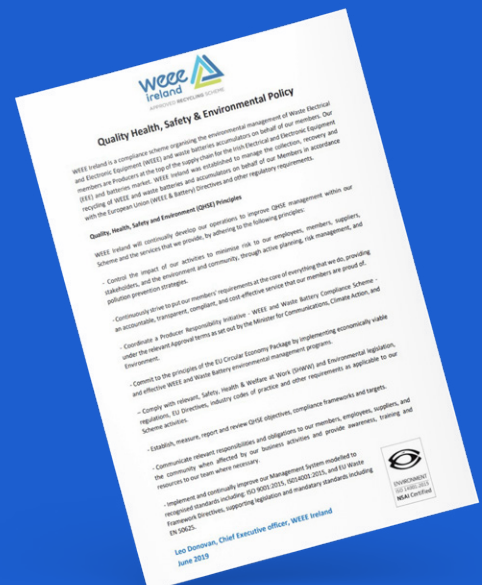
In 2022 WEEE Ireland successfully underwent a reassessment audit with no nonconformances or findings for continued certification to ISO Quality and Environmental Standards, 9001 and 14001, as part of the Scheme’s ‘best in class compliance’ ethos.

The WEEE Ireland QEMS 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 relevant policy aspects for the Scheme and its Members and noted timelines for reporting and activity. Policies on areas including Green Procurement, GDPR and Data Privacy were subject to review throughout 2022 as part of the continual improvement standard’s ethos.



# Circularity Leadership

The 5-year Circular Vision strategy recognises the transition to be undertaken by the Scheme, its Directors, Management and Executive team supporting our members.

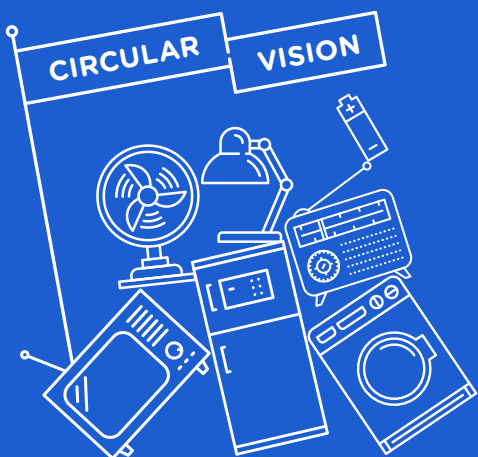
## Our Strategic goals under this vision include,

- Continue Quality Achievements of Recovery & Recycling Rates and Battery Efficiency Rates
- Mandatory EN collection and treatment Standard to remain a priority
- Lead on development of Circular EEE & WEEE Flows Reporting Programme
- Develop documented Reuse and Repair Programmes
- Financial stability metrics for Circular development, incorporating Circular Economy Financial incentives into our necessary cost model
- Communication campaigns to encourage behaviour change and educate all stakeholders on the Circular Economy

We are engaged in a series of programmes to transform the focus of our Scheme embedding circularity as a core ethos, aligning with the *Whole of Government Circular Economy Strategy*<sup>19</sup> and preparing for the next stage of Scheme Approval which will support a more defined roadmap in this area.

## Circular Vision Programme Development

- Represented on DECC Waste Advisory & Circular Economy Groups
- Active member of CIRCULÉIRE industry platform for a circular economy
- Lead partner on Repair training Innovation project CESI
- Lead partner on Lithium Battery Management Innovation project LLLB
- Close the ELoop Microsite
- Circular Vision series of webinars and events
- EPA Strive research WEEE project supports
- www.Repairmystuff.ie partnership
- WGA dss+ Repair data project



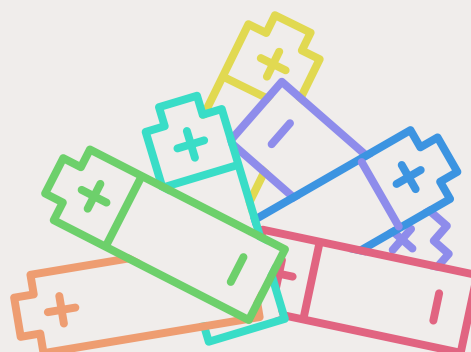
		STRATEGIES <sup>27</sup>	
<p style="text-align: center;">INCREASING CIRCULARITY</p> <p style="text-align: center;">↑</p> <p style="text-align: center;">LINEAR ECONOMY</p>	CIRCULAR ECONOMY	Smarter product use and manufacture	<p><b>R0 Refuse</b> Make product redundant by abandoning its function or by offering the same function with a radically different product</p> <p><b>R1 Rethink</b> Make product use more intensive (eg. by sharing product)</p> <p><b>R2 Reduce</b> Increase efficiency in product manufacture or use by consuming fewer natural resources and minerals</p>
		Extend lifespan of product and its parts	<p><b>R3 Reuse</b> Reuse by another consumer of discarded product which is still in good condition and fulfils its original function</p> <p><b>R4 Repair</b> Repair and maintenance of defective product so it can be used with its original function</p> <p><b>R5 Refurbish</b> Restore an old product and bring it up to date</p> <p><b>R6 Remanufacture</b> Use parts of discarded product in a new product with the same function</p> <p><b>R7 Repurpose</b> Use discarded product of its parts in a new product with a different function</p>
		Useful application of materials	<p><b>R8 Recycle</b> Process materials to obtain the same (high grade) or lower (low grade) quality</p> <p><b>R9 Recover</b> Incineration of material with energy recovery</p>

<sup>19</sup> <https://www.gov.ie/en/publication/b542d-whole-of-government-circular-economy-strategy-2022-2023-living-more-using-less/>

# Policy Engagement

During 2022 the Compliance team from WEEE Ireland submitted and participated in numerous consultations including:

- Free-riding PRO survey from Eunomia
- WEEE Directive Evaluation call for evidence
- National Waste Management Plan development workshops
- Comments on ESPR to NSAI
- DECC Battery Regulation national feedback
- ESPR consultation DETE/DECC
- UK WEEE/WPB circularity metrics
- CIRCULÉIRE impact statement and report



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

- Garda Siochana Metal Theft Forum
- WEEE Collection Working Group
- National Waste and Circular Economy Advisory Groups
- Waste Battery Group
- National Enforcement Industry Committee
- NSAI/ETC TC 22 Environmental Standardization 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 project outputs focusing on topics such as WEEE in Scrap, International E-waste Recycling Day, Best Practice in Collection platforms and Key Figures collation.



# New Directions

## 2022/2023 R&D Projects

Throughout 2022 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
<b>Refuse</b>	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	<a href="#">&gt;</a>
<b>Rethink</b>	R2 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	<a href="#">&gt;</a>
<b>Reduce</b>	R3 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 Irelands 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	<a href="#">&gt;</a>
<b>Reuse</b>	R4 Remanufacturing for Ireland is an EPA Strive research project undertaken by the University of Limerick which will investigate the potential for this R-strategy development across policy and industry engagement. As well as an evaluator for applicants for these projects, WEEE Ireland is an active participant on the steering committee for this and other co-funded WEEE projects	<a href="#">&gt;</a>
<b>Repair</b>	R5 Whether its transforming e-voting machine cages into FPD screen holders or turning washing machine drums into planters, WEEE Ireland contractors have been innovative in their ideas for repurposing WEEE where appropriate	<a href="#">&gt;</a>
<b>Refurbish</b>	R6 EN 50625 standard recycling and recovery of material ensures quality treatment, removal of hazards and a return of material for use again in manufacturing.	<a href="#">&gt;</a>
<b>Remanufacture</b>	R7	
<b>Repurpose</b>	R8	
<b>Recycling</b>	R9	
<b>Recovery</b>	R10	



# Repair It Right

Our focus on the repair strategy was brought to the fore in 2022 with the completion of Circular Economy Skillsset Initiative Project (CESI) in partnership with WGA, FIT and LMETB and innovation funding from CIRCULÉRE. This pilot delivered a new training course for white goods repair technicians in Ireland with the first cohort of trainees graduating in June 2022. The support of appliance producers in the WGA meant this first of a kind QQI certified training course in Ireland combines classroom and workshop led training, with a 12-week work placement in the field alongside active repair engineers giving real world mentorship. WEEE Ireland congratulates the Year 1 trainees and is delighted to continue its association with this project as a second year of trainees nears course completion in 2023. A third iteration of the course is due to being in Q3 2023 bringing scale and impact to this programme<sup>20</sup>.

In addition to the CESI project WEEE Ireland partners with www.RepairMyStuff.ie to promote information on repair services in their locality to the public. Working again with the White Goods Association the Scheme developed an 'Authorised Repair' listing which denoted those repair agents actively engaged by the brands in Ireland.

Working on both projects highlighted the lack of information on the scale of the repair sector for white goods in Ireland. WEEE Ireland commissioned dss+ to support a survey of WGA brands and distributors to understand the metrics behind their repair systems.



The data survey was administered in February and March 2022 to over 20 home appliances producers trading on the Irish market and used 2020 full year data for the Republic of Ireland. The survey completion rate was 54.5% which we estimate is around 65% of the LHA and C&F Irish POM for that year. It replicated the survey methodology used for previous work at EU level with APPLiA, the trade association for the home appliance industry in Europe, and gathered data related to:

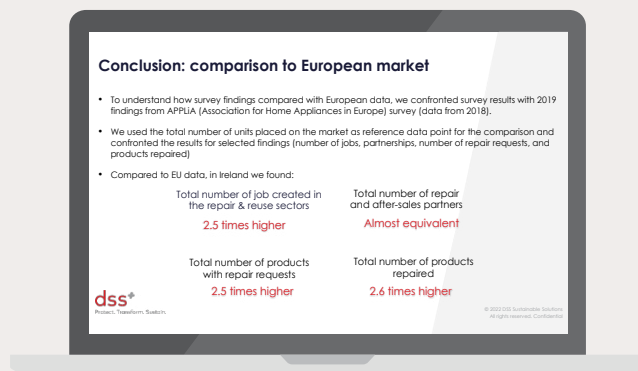
- Job creation in the repair & reuse sectors
- Number of products repaired
- Replacements & spare parts
- Stock Keeping Units
- Repair Costs

The survey results showed the importance of repair & reuse sectors in job creation in Ireland in 2020, with a total 500 full time employees engaged in repair and after-sales services across Ireland, and 151 partnerships created.

- Of the total number of products with a repair request, almost all (95.6%) were actually repaired, with less than 10% of repair requests interventions that led to replacement.
- For C&F and LHHA, labour costs tended to be the largest contributors to the total cost of repair, followed by spare parts costs and transport costs. For SHA, labour costs were again the highest, but were followed by transport costs and lastly by spare parts costs.
- The Covid-19 pandemic influenced the repair activities compared to previous years.
- 40% of companies surveyed experienced an increase in repair activities explained by increased used of appliances as people were working from home or lost jobs and had no option to return the appliance to the retailer.
- 30% of companies surveyed experienced a reduction of repair activities due to lockdowns forcing companies to close, concerns over health and safety, supply chain issues, and delayed response times.

## Projecting the survey findings to the full white goods Irish market gives the following results:

- 790 Total number of job created in the repair & reuse sectors
- Total number of repair and after-sales partners 240
- Total number of products with repair requests 218,900
- Total number of products repaired 312,000
- Total number of types SKUs handled or stored as inventory 209,400
- Total number of SKUs handled or stored as inventory 1,366,000



<sup>20</sup> <https://www.weeeireland.ie/close-the-loop-initiatives/circular-economy-skills-initiative/>



## Minister Seal of Approval for Industry First White Good Repair Technician Course

Students of a unique training course for repair technicians received the Ministerial seal of approval in January when Minister Ossian Smyth visited their training centre in Co Meath. He was a guest at the FIT (Fastrack to Information Technology) centre in Dunshaughlin to meet participants enrolled in the first Irish course of its kind in a decade.

Minister of State Smyth, who has responsibility for the Circular Economy, paid tribute to the various groups behind the Circular Economy Skills Initiative, which is training a new generation of repair engineers.

It aims to combat a major national shortage in white goods repair technicians, producing enough qualified experts to extend the lives of fixable electrical appliances such as washing machines, dishwashers and dryers.

*“This is a great new initiative and will be instrumental in making the circular economy real for consumers and industry alike. Having qualified technicians available to undertake quality repairs gives confidence to users that repaired goods can be trusted and are great value. I wish this first cohort of trainees well in what promises to be a very rewarding career,”* said Minister Smyth.

The course began in November 2021 thanks to an initiative between the White Goods Association (WGA), WEEE Ireland and technical training agency FIT, supported by Louth and Meath Education and Training Board (LMETB) and the CIRCULÉIRE Innovation Fund - Ireland’s first industry-led innovation network dedicated to accelerating the circular economy.

WEEE Ireland and the WGA are proactive in meeting the challenges of the circular economy and engaging with the industry to support sectoral development of important initiatives. It is a hugely positive course for several reasons: appliances will be repaired properly, it will give us a skilled workforce into the future, it is an industry-led project and participants will learn about Ireland’s e-waste challenge, the WEEE system and Circular Economy theory.

Martin G O’Brien, Chief Executive of Louth and Meath Education and Training Board, said the board is “delighted to partner with a vibrant collective of industry stakeholders in implementing industry-led, targeted Circular Economy initiatives in the Louth and Meath region”.

Peter Davitt, FIT CEO, explained that the course runs over 26 weeks, followed by 12 weeks’ guaranteed work placement with leading white goods industry supporters of the programme. It is free of charge for trainees, supported by a grant from the CIRCULÉIRE Innovation Fund, a publicly funded circular economy initiative.

The CESI Innovation Project is supported by Producers of key brands including Beko, Belling, Blomberg, Bosch, Candy, Haier, Hoover, Electrolux, Fisher & Paykel, Flavel, Grundig, Hotpoint, Leisure, Indesit, Miele, Neff, NordMende, Servis, Siemens and Whirlpool.



“ We are delighted to work with WEEE Ireland, who have been instrumental in helping launch this course. Education, training and upskilling are key to supporting more circular actions related to the supply of electrical goods and services. With a new generation of skilled repair engineers, we can ensure perfectly repairable electrical appliances are kept in use for longer. Tapping into the new repair and reuse culture and inspiring the next generations of consumers is a huge part of what we are aiming to achieve ”

Ian Collins, Beko Ireland and Chair of White Goods Association  
2020-20222

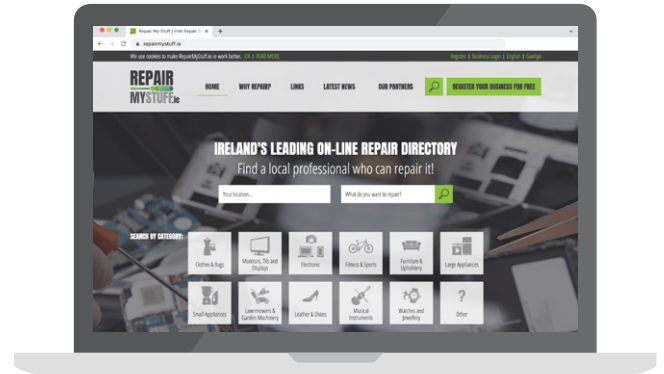


# RepairMyStuff.ie Partnership



WEEE Ireland continued its partnership with the White Goods Association to promote repair of electrical appliances on RepairMyStuff.ie, which connects consumers with over 800 professionals in Ireland able to repair everything from watches to washing machines and as well as toys, textiles, furniture and more.

The RepairMyStuff.ie website is operated by local authorities, with Monaghan County Council the lead authority on the project and funding from the EPA through the National Waste Prevention Programme. WEEE Irelands communications of the platform aims to increase registrations of authorised repair engineers for popular electrical brands used every day in households across Ireland and take up by the public of repair for their products. via PR, digital and social media.



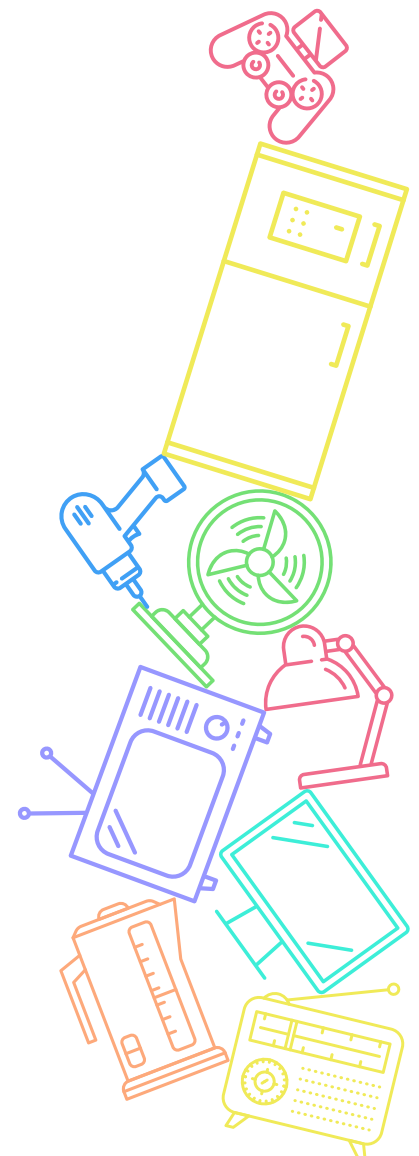
## **Other project work WEEE Ireland actively engaged with in 2022 supporting our Scheme and National circularity objectives include:**

### LongWEEE

A project from University of Limerick entitled Forecasting WEEE Arising for Electric Vehicle Batteries & Photovoltaic Panels in Ireland (LongWEEE) has been underway since 2020 with the support of the EPA Strive research fund. WEEE Ireland has been involved at project evaluation stage and as an active participant on the project steering committee. This project aims to model lifespans for these long life EEE technologies to understand future WEEE volumes, cost arising and appropriate takeback rates for extended producer responsibility requirements in Ireland. WEEE Ireland looks forward to its publication in 2023.

### Distance Seller Projects

Throughout 2022 WEEE Ireland input to consultation investigations undertaken by EUNOMIA to look at distance sales and online platforms in the context of WEEE EPR. The Scheme has also engaged 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. There has been rapid change in how and where consumers view information on products they wish to buy, and then they purchase them; it is important the regulatory landscape and the national takeback programme keep pace of these developments. WEEE Ireland supports progressing solutions for inclusion of online platform sales into the national WEEE model to ensure an equitable and accessible system is in place for all Producers onto the Irish market and their customers.





# LiCoRICE

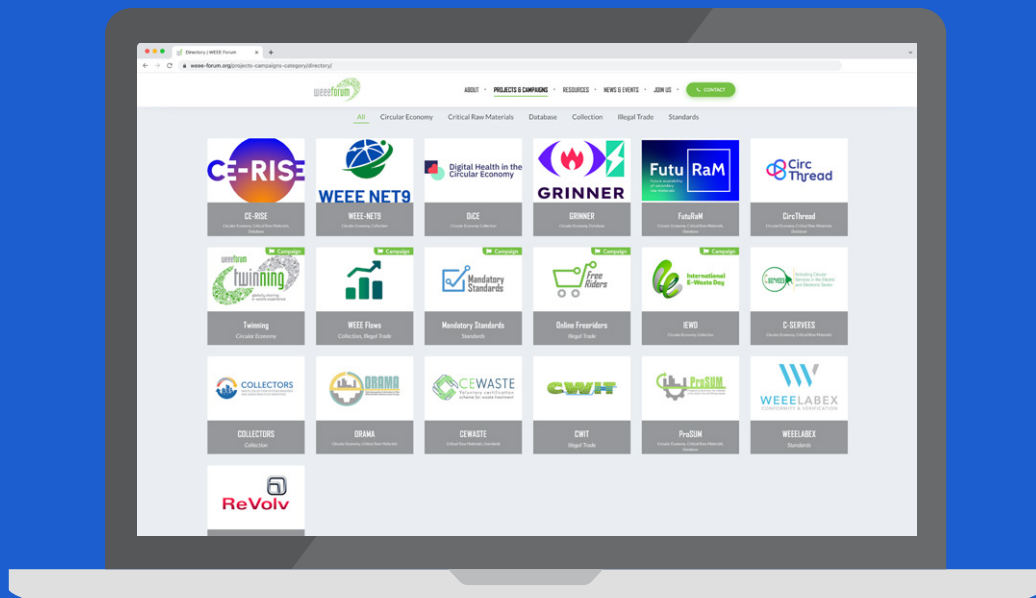
Winner of a special prize in the Science Foundation of Ireland Zero Emissions Challenge, the LiCoRICE project (co-funded by Department of Foreign Affairs, is bringing lithium cobalt batteries into the circular economy. Dr Tony Keane and his team at UCD with input from WEEE Ireland aims to develop innovative solutions for recycling waste battery products into a novel material that is then transformed into fresh lithium cobalt oxide (LCO) for new batteries. The process aims to result in lower energy consumption and a fast turnaround for producing LCO compared to current industry standards.

The team is working with industry and academics with an objective to make Ireland's first fully green battery, showing that electric vehicle production can be environmentally sound. They hope it will lead to cheaper batteries for electric vehicles, lower carbon emissions and relieve conditions for communities involved in mining the raw materials<sup>21</sup>.



# WEEE Forum Projects

The WEEE Forum continues to bring WEEE Schemes and stakeholders in Europe and across the world together to work on new thinking for managing the e-waste challenge. Their detailed website highlights projects including C-SERVEES, CEWASTE and CircThread all delivering innovation and progress in circular economy activation for the WEEE sector and the Producers we collectively work on behalf of. As a proud member of the WEEE Forum WEEE Ireland contributes to many of projects through data input, experience sharing and other feedback.

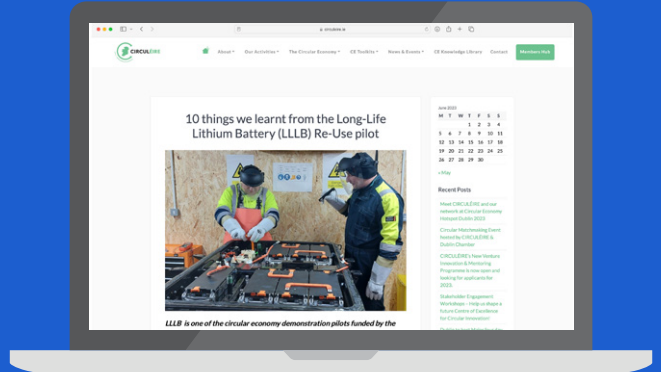


<sup>21</sup> <https://www.sfi.ie/challenges/zero-emissions/licorice/>

# 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 2022 included:

- LLLB Project Presentation 28th April
- WEEE Ireland AGM June 15th
- Webinar: CESI Repair for a Circular Economy 16th June
- Sector Meetings September & October 2022
- Members Finance Briefing 27th October.
- CirculÉIRE industry collaboration events throughout the year



**weee Ireland**  
**CIRCULAR VISION SERIES IV**  
 WHITE GOODS REPAIR FOR A CIRCULAR ECONOMY

**REGISTER NOW**

Thursday, 16th June 2022  
 11am to 12.15pm

**Marco Meloni**  
 Senior Consultant dss+

**Sofia Fedato**  
 Project Manager dss+

**CIRCULÉIRE**

**weee Ireland**  
**CIRCULAR VISION SERIES IV**  
 WHITE GOODS REPAIR FOR A CIRCULAR ECONOMY

**REGISTER NOW**

Thursday, 16th June 2022  
 11am to 12.15pm

**Niall O'Connor**  
 Monaghan County Council

**CIRCULÉIRE**

**weee Ireland**  
**CIRCULAR VISION SERIES IV**  
 WHITE GOODS REPAIR FOR A CIRCULAR ECONOMY

**REGISTER NOW**

Thursday, 16th June 2022  
 11am to 12.15pm

**Andrew Finn**  
 FT, Director of Academic Affairs and Programme Development

**Ian Collins**  
 Beko Ireland & Chair of WGA

**CIRCULÉIRE**



# WEEE Communications

“ 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

As Ireland returned after pandemic lockdowns and restrictions, WEEE Ireland's 2022 communications strategy continued at pace. Hoarding, binning and improper disposal of WEEE, waste batteries and lighting remained key challenges. Utilising targeted strategy, our marketing and communications activity sought to support the organisation goal of closing the distance to target by increasing the amount of WEEE, waste batteries and lighting available for collection.

Communications sought to further affirm the importance of recycling e-waste for resource

recovery and re-use in manufacturing to support a fully sustainable and Circular Economy. Highlighting additional future-proofing projects and practises of repair, re-use and re-gifting.

Collaboration to amplify this messaging was supported by our key stakeholders within electrical Retailers and Wholesalers, Local Authorities, Community Initiatives, Scheme Members, Partners, and Trade Associations. Enlisting the support of our stakeholders allowed our messaging to reach householders, schools, businesses and communities across the country.

# 95+ million

Number of people that heard, saw, read & engaged with our **Recycle for Good** message in 2022.



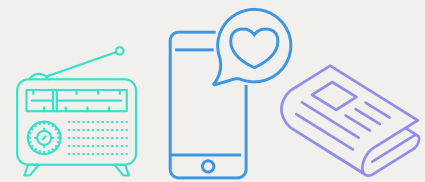
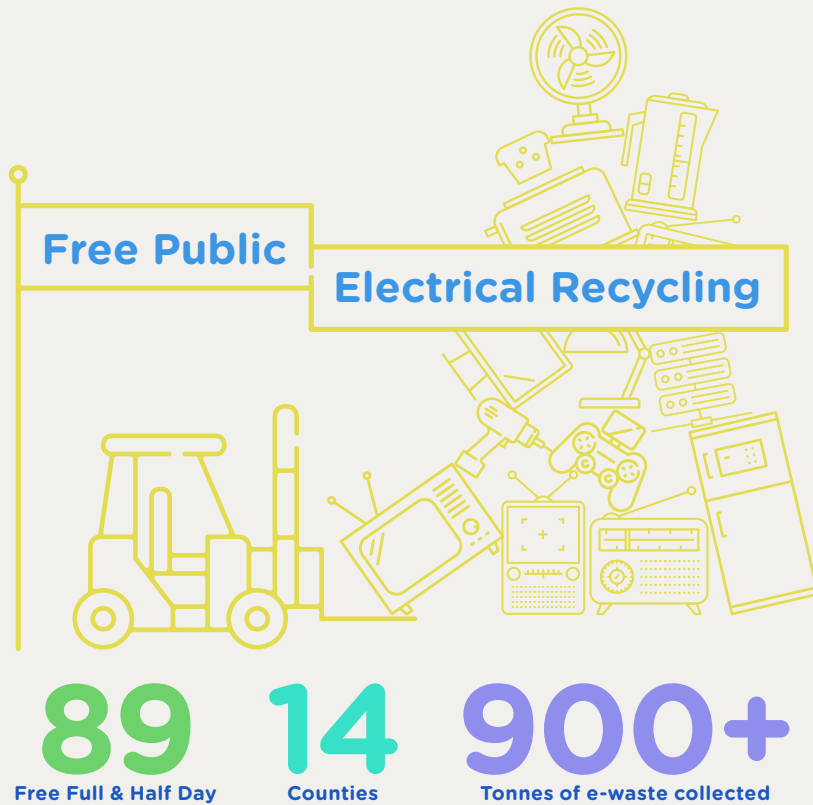
# 34,000

Social Media Community



# Free Public Electrical Recycling Day Events

Communities across the country came out in force to our Free Public Electrical Recycling Day Events, which returned after pandemic restrictions fully lifted and it was safe to do so.



Our **FREE** Electrical Recycling Day messaging was seen, heard & read by the public

**50+**  
**Million**  
times in 2022

The events, hosted by WEEE Ireland and supported by their respective Local Authority, took place in communities that have limited access to recycling centers or electrical retailers. Two types of events took place - full day weekend events and a new series of midweek, half day events.

The events were each promoted locally via radio and press advertising, local PR and geo-targeted social media advertising - with further community outreach support from each respective Local Authority partner.

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



Messaging highlighted that we are buying more electrical goods than ever – with the annual tonnage on the market rising from 15kg a head in 2016 to 22kg a head in 2022.

Shopping stats during the pandemic showed a surge in spend on new electrical devices like mobile phones, computers, small kitchen appliances and white goods. However, the county’s national e-waste target for 2022 had increased to 14kg per person, to reflect these yearly increases in electrical goods consumption, accelerated by Covid-19.

And with old items still lying around many households our free e-waste recycling events offered communities the opportunity to drop off these items for free.

End-of-life WEEE, waste batteries and lighting products contain metals and minerals in higher concentrations than primary resources.

“ *These stocks of resources are the urban mines of the future, so our recycling efforts can have a significant impact on the environment.* Said Leo Donovan, CEO WEEE Ireland.

*Recycling e-waste is incredibly beneficial for both the environment and the economy. Together, we are diverting waste from landfill, recovering raw materials for reuse and ensuring hazardous materials are safely and responsibly disposed of.* ”



# A Digital Challenge

WEEE Ireland embarked on an ambitious exploration across digital advertising and awareness in 2022 – refining and implementing new and improved elements of digital display, native content, social media (paid and organic) to our campaigns to maximise reach, impressions, engagement and value. As well as improvements across campaign key metrics - the work produced a bank of new campaigns promoting awareness, behavioural change and action around the core e-waste behaviours of binning/improper disposal, hoarding and awareness resource recovery.

## Bring it! Don't Bin it!

As 2022 progressed, never before had the message about environmental responsibility been more pressing. Sustainability, climate action and circular economy development have become the rallying calls spurring us into collective action to safeguard the future of the planet.

And while Ireland has already made great strides to revolutionise its attitudes turning our waste to resources in recent decades, complacency can never be allowed to convince us that the job is done.

The approval of a landmark Circular Economy Bill by Government at the end of 2021 sought to underpin Ireland's shift from a "take-make-waste" linear model to a more sustainable pattern of production and consumption, minimising all types of waste to help significantly reduce our greenhouse gas emissions.



WEEE Ireland, continued to strive to be at the forefront of this shift, communicating these vital messages to the public and its industry members while delivering practical solutions to our national waste electrical, battery and lighting challenge.

"Bring It, Don't Bin It!" was the first of these critical messages. Reminding consumers – every single one of us – of the huge difference we can make to achieve a more resource-efficient future.

When it comes to our end-of-life Waste Electrical, Electronic, Batteries and Lighting Equipment (WEEE) too often we veer more towards convenience and mistakenly dispose of them in the rubbish bin or household skip, without giving much thought to the damage we may be causing the environment, as well as the waste of resources they contain.

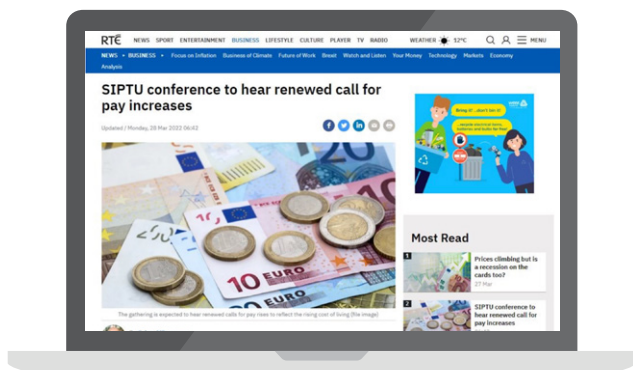
**Bring it! ...don't bin it!**

**...recycle electrical items,  
batteries and bulbs for free!**



Find your recycling point at [weeireland.ie](http://weeireland.ie)





But the more we understand the importance of reducing, reusing, repairing and recycling our appliances and devices – and pass this onto the next generation – the better chance we have of moving toward a future away from the environmental tragedy of electrical goods ending up in landfill.

Waste Electrical and Electronic Equipment (WEEE), as well as waste batteries and lighting equipment, contain a large variety of materials - from base, ferrous and precious metals to plastics, glass and critical raw materials used in modern technology. Anything with a plug, battery or circuit board contains a multitude of resources which can be used again in manufacturing, when properly recovered through recycling.

What continued to come to the fore was that the sea change will not happen overnight, and as consumption rises, so too do environmental targets that manage these products at end of life.

The average family home in Ireland is estimated to contain an average of 15 to 20 electrical items which have reached the end of their useful life, with new EU data indicating that each person is responsible for an average of 4kg to 5kg of hoarded electrical waste.

We were not alone in trying to stem the tide - globally, 2021's mountain of waste electronic and electrical equipment (WEEE) totalled about 57.4 million tonnes - greater than the weight of the Great Wall of China.

While we may not manufacture or directly produce appliances at the scale of other countries around the world, electrical device imports and usage in Ireland is still staggering. Almost 60 million household electrical appliances, tech devices and lighting equipment were placed on the Irish market in 2022, with annual consumption rising from 15kg to 22kg per person.

*“As a nation we are consuming more electrical goods than ever before,” said WEEE Ireland CEO, Leo Donovan. “Research shows that if we continue to exploit resources at the same pace we do now, by 2050, we will need the*



*resources of three Earths. Critical raw materials ending up in landfill sites can never be recovered for re-use when waste electricals, batteries and lighting aren't properly recycled.”*

Research shows that by weight, large appliances such as microwaves, ovens and refrigerators constitute the largest component of legacy e-waste. But millions of smaller items are missing from the recycling stream and being dumped in general waste bins in Ireland every year, potentially exposing hidden hazards to environmental and human health.

Only 3.2 million of the estimated 10 million bulbs sold in 2019 were recycled – meaning up to 6.8 million replacement lightbulbs were likely lost to landfill via household rubbish bins.

*“We all must increase our efforts to get more old and broken plug-in or battery-operated products to authorised facilities, instead of binning them,” said Mr. Donovan.*

Local Authority civic amenity centres, a network of participating electrical retailers and WEEE Ireland free e-waste collection days across 2022 offered a golden opportunity to end the scourge of binning and the terrible loss of valuable materials in our end-of-life electrical goods.



# Above Hoard – How We Can Rescue E-Waste From Our Homes and Landfill

WEEE Ireland's *'Follow Your Lead'* campaign called on the Irish public to help tackle the e-waste challenge by de-cluttering their homes of hoarded e-waste and recycling them for free at their nearest Local Authority recycling centre or participating electrical retailer.

Most of us, at one time or another, have looked at forgotten corners of our homes or sheds and promised a clear out of the things we rarely, if ever, use. But the items we often inadvertently hoard represent much more than 'clutter' commanding valuable space in our living rooms, bedrooms and kitchens.

In terms of old and broken electrical items, many householders are unwittingly locking away a treasure trove of raw materials used in their manufacture, preventing them from entering the circular economy.

A clapped-out kettle, end-of-life microwave or burnt-out hairdryer may not amount to a substantial benefit to the recycling world.

The ask for our *'Follow Your Lead'* campaign was simple: find the forgotten about/hoarded e-waste (waste electrical, battery and lighting) in and around your home/shed and bring them for free recycling at local authority recycling centres and participating electrical retailers.

In a win-win for our homes and the greater environment, it is now more important than ever to rescue e-waste – after consumption soared the pandemic, fuelled by lockdowns and travel restrictions.

The benefits of de-cluttering our homes of e-waste are stark: 84% of all material collected by WEEE Ireland is recovered for use again in manufacturing through both indigenous operators and specialist processors in Europe.

WEEE and waste batteries contain a large variety of materials, ranging from base and precious metals to plastics, as well as critical raw materials (CRMs) that can power new technologies. However, when e-waste is not recycled, its a waste of the significant amount of energy and resources used to manufacture our appliances in the first place.



As a nation, the scale of electrical use is on an upward spiral - we are consuming more electrical goods than ever before – with research shows that Irish homes contain an average of 15kg-20kg of electrical items which are lying idle.

*"When you add it up, 5kg equates to a kettle, a laptop that won't power up, a smartphone beyond repair, an unplayable small gaming device and that kitchen blender in the back of the cupboard that hasn't worked for years,"* said WEEE Ireland CEO, Leo Donovan.





# Follow your lead

*“As we consume and buy more electrical appliances and devices, the recycling targets we must meet also increases to meet annual EU WEEE Directive targets, as it equates to the percentage of goods sold,” added Mr Donovan. “For all of 2022, we need to collect 65% by weight of what goes on the market. If more people recycle their hoarded devices and appliances through the authorised WEEE systems, we will be in a much better position to meet those targets and recover this distinct mine of materials rather than sending it to waste in landfill.”*

We called on ever family across Ireland to find these items and free up the valuable resources for use again in manufacturing, saving on the environmental impacts of raw material extraction. Being more resource efficient with e-waste though recycling is a simple yet sustainable way to support a more circular economy in Ireland.



# Give Your E-Waste a New Lease of Life!

WEEE Ireland's 'Dream of Change' Campaign, appealed to the Irish public to take their end-of-life electricals, batteries and lightbulbs for free electrical recycling their nearest Local Authority recycling centre or participating electrical retailer – so the valuable materials they contain can be used again to make the new products.

The circle of life is not something that merely applies to us humans – it also has a deep and meaningful impact on our used electronic waste. Imagine the millions of electrical products placed on the Irish market each year – and the staggering volume of technology, energy, raw materials and human labour involved in their manufacture.

In an ideal world, every gaming console, hairdryer, mobile phone, e-scooter and tablet would be used again at end-of-life, resurrected through our recycling system and reincarnated as new goods.

The stark reality is that many still end up hoarded away in our homes, out of sight and mind and their precious materials lost – or worse still, discarded in landfill. These countless tonnes of 'trash' can be converted into the treasure of brand-new items, born from materials many believe cannot be re-used or given a new lease of life.

It is critical, however, than in making this journey through the recycling system, that they travel through the authorised e-waste recycling network.

This ensures components in electricals, batteries and lighting are properly recovered for reuse in manufacturing and any hazardous material arising is responsibly managed.

We called on the public to Dream of Change – to imagine a future where landfill and hoarding does not imprison our electrical waste forever.

And we highlighted that while recycling rates were on the way up, so too were our targets as the amount of new electrical goods being placed on the Irish market reached unprecedented levels. There was much room for improvement to confront the estimated 1.4kg of e-waste per person which is still ending up in our general rubbish bins in Europe.



Dream of Change envisaged a world where neither happens – and implored people to follow one of four steps to ensure e-waste is properly managed:

- a. Find out where your nearest free local e-waste drop off point is
- b. Dispose of your e-waste at electrical retailers
- c. Use the dedicated blue battery boxes in supermarkets and
- d. Avail of free public e-waste recycling events as they take place





## Annual Environmental Report 2021

In July 2022, WEEE Ireland announced that Irish consumers recycled a record number of electrical items in 2021. However, despite this electrical recycling milestone – a need for unsustainable targets to change to include reuse and repair of electrical items in a circular economy was identified.

WEEE Ireland is one of the best performing recycling schemes in Europe, with a record 18 million waste electrical items collected annually. However, the changing nature of products that power our lives mean that the recycling versus sales targets that benchmark the European WEEE system are no longer fit for purpose.

National targets do not count circular strategies already undertaken by businesses and consumers to prevent e-waste arising, including reuse and repair.

*“As a nation we are consuming more electrical goods than ever. The annual tonnage on the market rose by 50% in six years to 22kg a head and 69 million units placed on the market in the same period,” said WEEE Ireland CEO Leo Donovan.*

*“We need to recognise that many larger appliances don’t reach end of life for many years through design and repair strategies. If we are buying more electronics, we need to adopt a one plug in, one plug out’ mantra as we do not have enough raw materials in the ground to keep up with growing global demand.*

*“Although our percentage takeback levels are above the European average, the distance to our mandatory 65% take back target is widening every year. The changing nature of products and their lifecycles, mean that the simple linear weight system is no longer fit for purpose.”*

**“ If a laptop is repaired or reused it is not currently counted towards Ireland’s environmental performance. New home technologies such as solar PV panels and heat pumps for example are large tonnage items which now have a life span of more than 15-20 years thanks to innovation by the producers. ”**



**“ They will not reach end of life for recycling for decades and yet still count in today’s target measurements. The same has happened in lighting where long-lasting LED bulbs are changing the nature of the landscape previously dominated by short use incandescent bulbs. ”**



Mr Donovan also cited the support from the White Goods sector in Ireland to grow the level of reuse and repair, with their new Circular Economy Skills Initiative course aiming to produce enough Irish experts to ensure thousands of washing machines, fridges and dishwashers are given a new lease of life.

*“We need targets to benchmark our systems and drive improvement, but the legacy linear WEEE targets are not measuring true progress across the European e-waste system, and you must ask if they are fit for purpose,” said Mr Donovan. “We need to rapidly incentivise the transformation across the industry to deliver a more circular and resource efficient economy. An all-actors approach is needed through documentation of the flows of all appliances and their materials by everyone involved in the value chain.”*







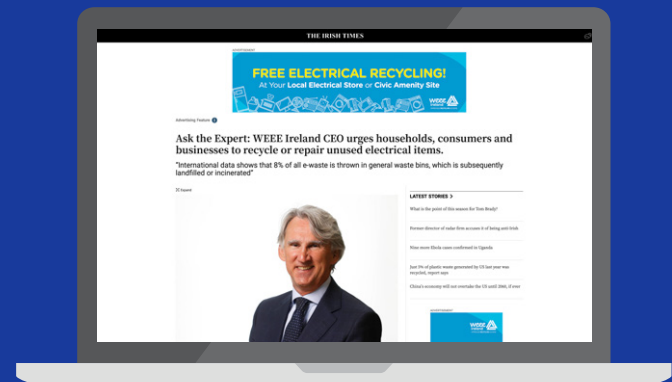
## Irish Times – Ask the Expert Feature – Free Electrical Recycling Campaign October 2022

### Who Are WEEE Ireland?

WEEE (Waste, Electrical and Electronic Equipment) Ireland is a not-for-profit organisation, founded by producers of electrical and electronic appliances to help them comply with their Extended Producer Responsibilities (EPR) and European directives.

We manage the collection of household e-waste, lighting and solar PV equipment and batteries from authorised collection points for recycling and recovery, on behalf of over 1,300 industry members.

Our objective is to provide cost-effective quality compliance for producers to meet the requirements of the regulations whilst minimising the cost to the consumer. The organisation is at the forefront of monitoring the number of e-products being



placed on the market in this country - and fiercely seeking solutions to deal with them once they are no longer fit for purpose. We are at the frontline in ensuring that the valuable raw materials used in their production can be recycled, re-used, given a new lease of life - or disposed of properly at end-of-life stage.

We have diverted millions of pieces of e-waste from landfill, supporting indigenous Irish recycling facilities and their downstream European partners to recover 83% of the material contained in this resource stream. We work with a network of electrical retailers, Local Authority Civic Amenity Sites, and our own public collection events to support members of the public to take back their old and broken appliances, devices, and waste batteries for proper environmental management.

# International E-Waste Day

## Fri 14th October 2022



**International E-Waste Day**

Powered by the WEEE Forum and WEEE Ireland

**2022's International E-Waste Day urged us all to 'Recycle it all, no matter how small!'**

Headphones and remote controls were revealed to be among the most hoarded waste electrical and electronic items in Europe. Old and broken clocks, irons, hard drives and routers also make up the mountain of e-waste lying in our cupboards, attics and garden sheds.

The statistics were released as part of the WEEE Forum's International E-waste Day, of which WEEE Ireland are a proud longstanding member, urging consumers here to root out unused, stashed electrical items. The figures revealed that of 16 billion mobile phones worldwide, 5.3 billion will become waste in 2022 - and stacked flat on top of each other, would stretch to 50,000km. The number one reason for hoarding end-of-life phones and other e-waste products is "I might use it again," cited by 46% of consumers, followed by 'I plan on selling it or giving it away' (15%) and 'It has sentimental value' (13%).

The data compiled by the WEEE Forum, which organises International E-waste Day, reveals that the top five hoarded electrical and electronic products in Europe are:

- Small consumer electronics and accessories such as headphones, remote controls.
- Household equipment such as clocks, irons.
- Small IT equipment including external hard drives, routers, keyboards, mice.
- Mobile and smartphones.
- Equipment for food preparation - toasters, food processing, grills.

Of 8,775 European households surveyed in six countries, the average household contains 74 e-products such as phones, tablets, laptops, electric tools, hair dryers, toasters and other appliances. Thirteen of these, nine of which are in working order, are being hoarded.

Separate 2022 research by WEEE Ireland also showed just six in ten who purchased an electrical item said they recycled their old one.

*"Despite containing rare precious metals and other recyclable components, unfortunately a large volume of small appliances are hoarded in drawers, wardrobes, cupboards and garages or worse still, are discarded in rubbish bins bound for landfill or incineration,"* said Leo Donovan, CEO of WEEE Ireland.

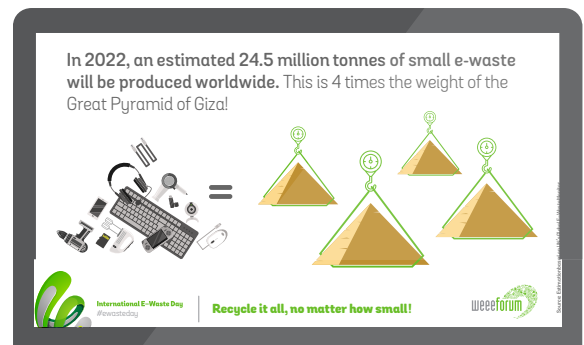
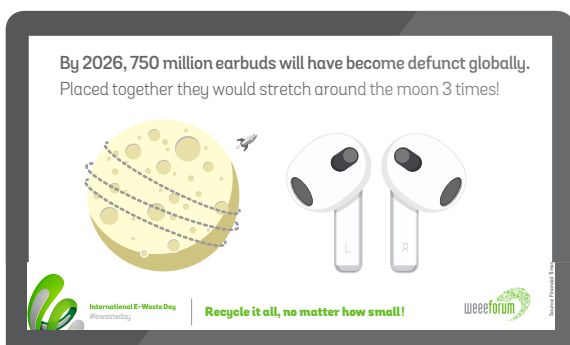
*"This is an incredible waste of resources, is bad for the planet and prevents us from either re-using these items or harvesting these important and scarce resources so they can be used again to manufacture new products."*

*"We would therefore urge the public to drop their e-waste to authorised collections points in their local electrical retailer or recycling centre."*

*"We focussed this year on small e-waste items because it is very easy for them to accumulate unused and unnoticed in households, or to be tossed into the ordinary garbage bin,"* said Pascal Leroy, Director General of the WEEE Forum.

*"People tend not to realise that all these seemingly insignificant items have a lot of value, and together at a global level represent massive volumes."*

*"The producer responsibility organisations in the WEEE Forum that manage the collection of e-waste are constantly working to make the proper disposal of small e-waste simple and convenient for users and households. "Providing collection boxes in supermarkets, pick up of small broken appliances upon delivery of new ones and offering PO Boxes to return small e-waste are just some of the initiatives introduced to encourage the return of these items."*

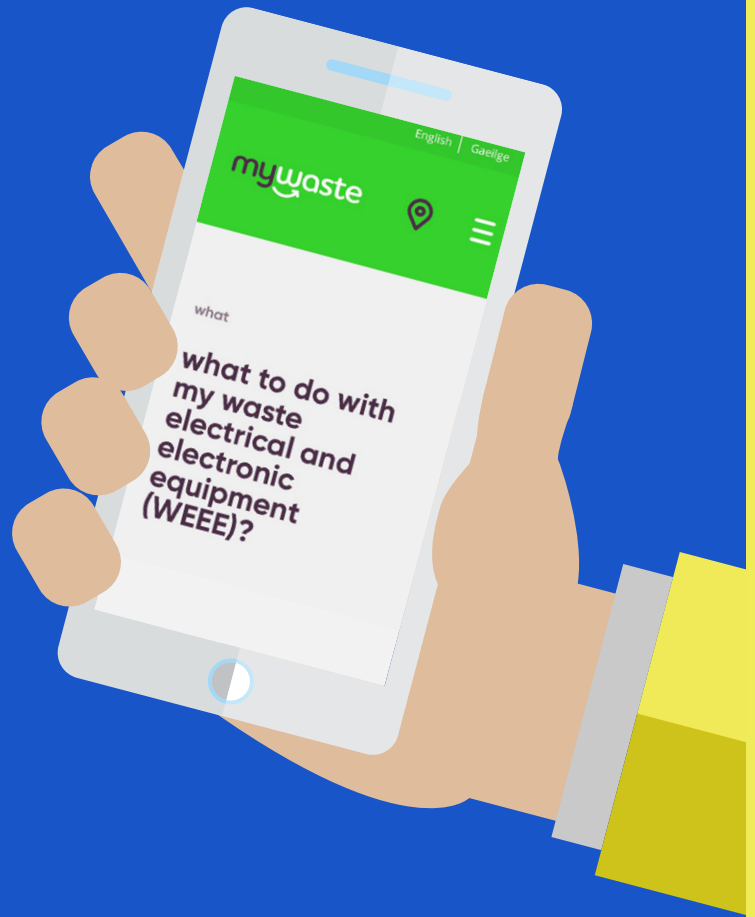


## MyWaste.ie

In 2022 we 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 hub for local waste services - bring banks, recycling facilities along with ways to help prevent waste, repair, reuse and upcycle. They offer a helpful A to Z guide of all types of waste, greener living guides, information on waste services and bye laws, and much more. Members of the public can easily find everything they need and want to know about managing their waste responsibly, efficiently and in the way that suits them.

WEEE Ireland have worked with My Waste since its launch in 2018, sharing resources and information, 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.



In 2022 WEEE Ireland collaborated with the Department of Environment, Climate and Communications, European Recycling Platform and My Waste to produce Ireland's first joint scheme/all actors e-waste awareness campaign. The digital and social media campaign was led by My Waste during November and December, with support from both schemes and the Department, and the wider Local Authority network. The campaign produced a bank of social and digital creative to highlight the nationwide options available for repair, recycling and reuse of electronics.





# Batteries Re-Charged!

During the pandemic years battery collections were restricted in line with public safety guidelines and the school battery recycling competition had to cease completely. But the public remained committed and continued to recycle all types of batteries at their Local Authority Recycling Centre and supermarkets and retailers during the essential shop.

The return in 2022 after this period provided insight that was applied to the Battery Recycling Programme. The result was the development of a new online microsite platform with free resources and downloadable content to support those recycling waste batteries at home, at work, at school and in their community. The rebrand also extended to a fresh look van fleet also.





...the power is in your hands!



At Home



At Work



At School or College



# Only Half of 18-34-Year-Olds Are Recycling Their Used Batteries!

Young consumers were urged to stop binning used batteries - as our 2022 consumer survey revealed almost half of 18-34-year-olds are tossing them in the bin

The study found that despite warnings around the environmental and safety hazards of incorrect disposal of end-of-life batteries, behavioural change is urgently needed amongst the younger generation.

*“They are often lauded as the most environmentally conscious, yet the survey shows a worrying 43% of adults under the age of 34, actually throw their used batteries in general waste bins instead of recycling them,” said Leo Donovan, CEO of WEEE Ireland.*

*“Binning batteries means that a range of really valuable resources will never be recycled. We need a sea change in behaviour amongst this cohort in order to properly address the problem.”*

The survey of 1,000 people, conducted online by Empathy Research, reveals that more than a quarter (28%) of people are unaware that batteries contain valuable resources such as cobalt, zinc, nickel and lithium, which can be used again. Over 55s are the most eco-conscious, with just 9% binning batteries - the lowest of all age categories - while 81% know they contain valuable materials. Only 2% of over 55s hoard them, but this rises to 26% for 18-34-year-olds.

Data across all age groups shows a total of 16% of the population binning and 6% hoarding batteries, while the vast majority who do recycle them, use retailers (47%), recycling centres (17%), WEEE Ireland collection events (16%) and local schools (11%).

Separate data from WEEE Ireland shows Ireland achieved a 46% battery recycling rate in 2021, reaching its EU Directive obligations. There was a 16% increase in the number of batteries recycled by Irish households, in line with increased consumption and greater usage of batteries in everyday products. The spike in recycling is equivalent to 15 AA batteries saved from landfill per person - an increase of two per person on 2020.

*“This small change made a huge difference, and we are urging everyone to again recycle at least two more AA batteries in 2022 to reach our target - and to stop and think before throwing them in the bin,” said Mr Donovan.*

*“Disposing of used batteries properly is as simple as consumers bagging them up on their next shopping or recycling trip. Any retailer or supermarket that sells batteries will take them back for recycling. That’s in addition to the hundreds of recycling centres across the country. For the millions of batteries not recycled properly every year, we lose precious elements and important resources that can only be replaced by mining. The environmental and social costs of extracting and processing the materials required for battery manufacturing, can be huge.”*

*“The world will require much less mining for materials if we can recycle more spent ones.”* However, Mr Donovan said that as battery sales soar to cater for the growing demand for electric vehicle and e-mobility devices, these targets will become harder to reach if we don’t get into the habit of recycling more.



# WEEE Ireland & LauraLynn Partnership Reaches €520,000

WEEE Ireland donated a further €40,000 to LauraLynn in 2022, bringing its total contribution to €520,000 since the partnership first began 11 years ago.

The gift to Ireland's only children's hospice provided much-needed overnight respite stays for dozens of children with life-limiting conditions and their families. LauraLynn relies primarily on fundraised income to run its services and the donations from WEEE Ireland since 2011 have helped to provide vital hospice care to children, symptom management and therapies, practical and emotional supports for families, plus end of life and bereavement care.

This year's €40,000 donation will provide overnight respite breaks for families – allowing parents to be just “mum and dad” instead of full-time carers, and giving the family a chance to rest, recharge, relax and enjoy precious time together.

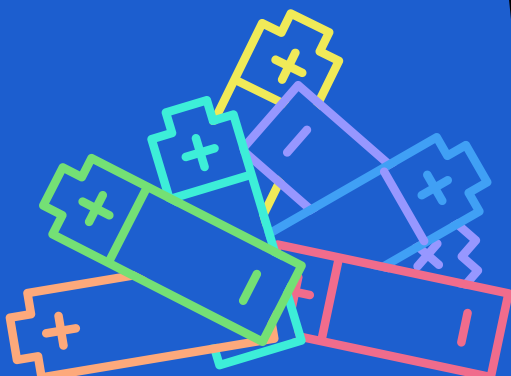
Since opening its campus in Leopardstown, South Dublin, in 2011, LauraLynn has cared for over 500 children and their families, with more than 340 currently receiving care and support.

Every battery recycled by WEEE Ireland goes towards a donation fund to support this vital work.

*“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,”* said Kerry McLaverty, CEO, LauraLynn.

*“Over the last 11 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. To reach a milestone of over €500,000 is just incredible. We are so grateful to WEEE Ireland for this partnership and support. LauraLynn would also like to say a huge thank you to everyone who took the time to recycle their batteries. It may seem like a small thing, but for the children and families who rely on LauraLynn, and for the environment, it is huge and very impactful.”*

Leo Donovan, CEO of WEEE Ireland, said: *“WEEE Ireland is delighted to be part of LauraLynn's story since 2011. As well as supporting the fantastic work of LauraLynn, recycling batteries plays a huge part in helping protect the environment for future generations.”*



# WEEE Ireland's Schools Battery Competition Returns!



Schools and students across Ireland were challenged to become battery recycling champions as our *Schools Battery Recycling Competition* returned with a new look in September 2022.

Running from October 1 to March 31, it was open for entry to all primary and secondary schools, who collect at least 10 full 5kg battery boxes in WEEE Ireland Battery Recycling counties.

To help launch the returning competition - Mairead Ronan, well-known broadcaster, host of RTE's *Ireland's Fittest Family* and LauraLynn Children's Hospice Ambassador - was on hand to urge schools to get plugged into the countrywide drive, which helps raise funds for children's hospice LauraLynn.

*"This helps raise funds and awareness for LauraLynn and all the wonderful children and families who rely on their services and support," said the Ireland's Fittest Family host at the launch at the LauraLynn campus in Leopardstown, Dublin. "It's heart-warming to see school children getting involved in projects like this and helping other children while doing so. Best of luck and well done to all the schools taking part across the country."*

And Mairead was joined by Cara (9) and Elsie Jones (8) of St Annes National School Dublin, whose sister Molly avails of LauraLynn's services.

When the competition last ran before the pandemic, schools across the country collectively diverted from landfill the equivalent of almost 1 million AA batteries.



*"Many still don't realise that binning batteries leads to a loss of really valuable resources that are increasingly in short supply as well as causing harm to the environment," said Leo Donovan, CEO of WEEE Ireland.*

*"We are delighted to be able to return with this really important programme and expect a great response from students, teachers and the wider community, while encouraging some healthy competition."*

Every battery recycled by WEEE Ireland goes towards a donation fund for LauraLynn, Ireland's Children's Hospice.

*"It is great to see this campaign back in schools. There's something so special about children helping children and this campaign is all about that," said Kerry McLaverty, CEO, LauraLynn.*

*"The funds that we have received through our partnership with WEEE Ireland over the last 11 years have had such a positive impact on the children and families who avail of LauraLynn's care and specialised supports. We recently reached the €500,000 mark, which is just incredible, and we are so grateful to WEEE for this partnership."*







## Pakman Awards 2022

The Pakman Awards search for the environmental champions across business and community who are shaping Ireland's future. As Ireland's 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 was proud to continue our support through sponsorship of the Business Recycling Champion Category, as the event enters its eighth year.

CJ Sheeran Limited won the Business Recycling Champion Award Sponsored and Presented by WEEE Ireland. The company produces a broad range of both standard and specialised wood packaging and pallet modules such as pallets, cases, crates, boxes, frames, skids and dunnage and also recover in excess of 3 million used pallets per annum. They have adopted ambitious standards in terms of green procurement and only purchase raw timber from FSC approved suppliers ensuring forests are managed sustainably.





# 2022 in Social

Comhairle Contae Chill Dara  
Kildare County Council

**Maynooth, Co. Kildare**  
Tesco Car Park, Dublin Rd  
Saturday, July 2nd 2022  
10am - 4pm

Comhairle Contae Chill Dara  
Kildare County Council

**Celbridge Co. Kildare**  
Tesco Car Park, Shackleton Rd  
Saturday, June 25th 2022  
10am - 4pm

**weee ireland**  
APPROVED RECYCLING SCHEME

*Dream of change!*

Give your waste electricals, batteries and bulbs a new life! **Recycle for FREE!**

Comhairle Contae Chorcaí  
Cork County Council

**Carrigaline**  
Collins SuperValu  
Tuesday, April 5th 2022  
9am - 1pm

**Kinsale**  
Kinsale Fire Station Car Park  
Tuesday, April 5th 2022  
9am - 7pm

Comhairle Chontae na Gaillimhe  
Galway County Council

**Inverin, Co. Galway**  
Micheál Breathnach's GAA Club  
Tuesday, May 24th 2022  
10am - 1pm

HAPPY  
**EARTH DAY**  
APRIL 22ND

**BLACK FRIDAY**

**Happy Easter**

Happy  
**St. Patrick's Day**

**RECYCLE FOR GOODness sake!**

Bring it! ...don't bin it!  
...recycle electrical items, batteries and bulbs for free!

Find your recycling point at [weeireland.ie](http://weeireland.ie)

Recycle Waste Batteries At Home...

Bring it! ...don't bin it!  
...recycle electrical items, batteries and bulbs for free!

STOP! & RECYCLE

Find your recycling point at [weeireland.ie](http://weeireland.ie)

**weee ireland**

**CIRCULAR VISION SERIES IV**  
WHITE GOODS REPAIR FOR A CIRCULAR ECONOMY

REGISTER NOW

Thursday, 16th June 2022  
11am to 12.15pm

Dr. Shifey Gallagher  
MB/CIRCULÉIRE

**weee ireland**

**CIRCULAR VISION SERIES IV**  
WHITE GOODS REPAIR FOR A CIRCULAR ECONOMY

REGISTER NOW

Thursday, 16th June 2022  
11am to 12.15pm

Niall O'Connor  
Manager/Monaghan County Council



14 OCTOBER 2022

**International E-Waste Day**  
Recycle it all, no matter how small!

weee ireland APPROVED RECYCLING SCHEME

**DON'T BIN LIGHTING!**  
**RECYCLE FOR FREE!**

**VISIT mywaste**

OR ONE OF OUR PARTNER WEBSITES FOR MORE INFO

European Recycling Platform A Landball Group Company

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weee ireland APPROVED RECYCLING SCHEME

RECYCLE FOR GOOD

**FREE FARM FENCE BATTERY RECYCLING**

Please drop your batteries to your local store.

**What can I recycle?**

- Large Appliances: Washing Machines, Cookers, Dishwashers, Fridges / Freezers, Water coolers etc.
- TVs: LCD, LED and Plasma Televisions and Computer Monitors
- Small Domestic Appliances: Handblenders, Toasters, Electric Kettles, Toaster Ovens etc.
- Gas Discharge Lamps: Fluorescent Tubes, Cool Energy Light Bulbs (CFLs)
- Batteries: Rechargeable and Single Use

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**Where can I recycle?**

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**Recycle for good...**

PROUDLY SUPPORTING LauraLynn IRELAND'S CHILDREN'S HOSPICE

weeeireland.ie

**Recycle Waste Batteries At Work...**

No Purchase Required

**FREE RECYCLING**

Your local electrical store will take your old appliances back, **FOR FREE!**

weee ireland

No Purchase Required

**WEEE RECYCLE ANYTHING WITH A PLUG OR A BATTERY!**

Your local electrical store will take your old appliances back, **FOR FREE!**

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weee ireland APPROVED RECYCLING SCHEME

**FREE ELECTRICAL RECYCLING!**

At Your Local Electrical Store or Civic Amenity Site

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**Happy World ENVIRONMENT DAY**

weee ireland

**Happy World ENVIRONMENT DAY**

weee ireland

weee ireland APPROVED RECYCLING SCHEME

**Small things matter.**

Recycle any waste lighting equipment for free!

PROUDLY SUPPORTING LauraLynn IRELAND'S CHILDREN'S HOSPICE

weee ireland APPROVED RECYCLING SCHEME

**Dream of change!**

Give your waste electricals, batteries and bulbs a new life! **Recycle for FREE!**

**Recycle for good...**

PROUDLY SUPPORTING LauraLynn IRELAND'S CHILDREN'S HOSPICE

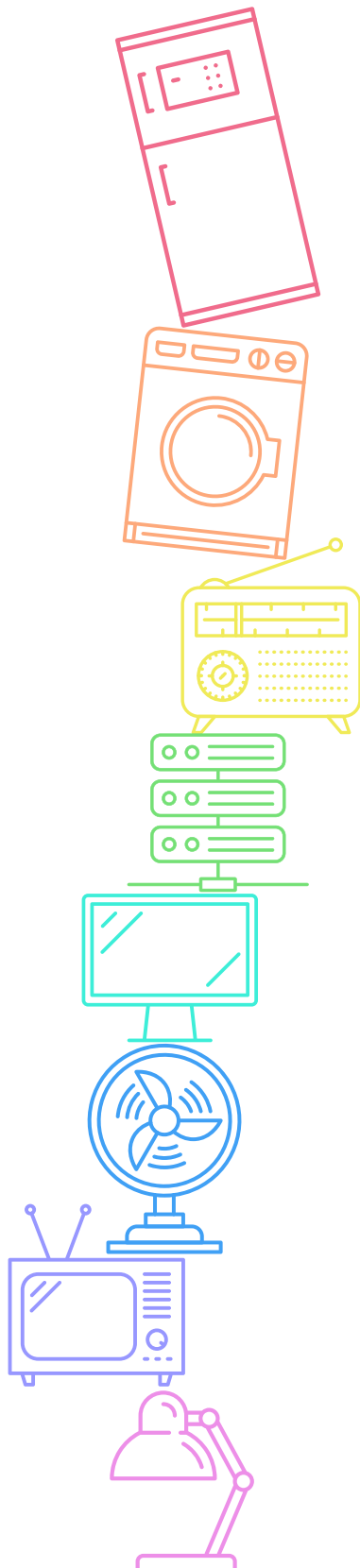
weeeireland.ie

**Recycle Waste Batteries At Home...**



# Member Listing 2022

# Member Listing 2022



- 360 Degrees Cycles Ltd
- 3M Ireland Ltd.
- 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 Group (Ireland) Limited
- Action Alarms Ltd
- Active Energy Control Ltd
- ADATA Technology Co Ltd
- Adidas (Ireland) Limited
- ADT Fire & Security Limited
- Advanced Laser Systems Ltd
- 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
- 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
- American Video Equipment (Europe) Ltd
- Amway (UK) Ltd
- Analab Analytical Laboratory Supplies Ltd

## Member Listing 2022

Anixter Distribution Ireland Ltd  
 Anker Technology (UK) Ltd  
 Ann Summers Ireland (retail) Ltd  
 Ansell Sales & Distribution Republic of Ireland  
 Anthony Tully Components Ltd  
 Anveck Ltd.  
 Apple Distribution International Ltd  
 Apption Labs GmbH  
 Arc Tec Welding Ltd  
 Arco Safety Limited  
 Ardam Ltd  
 Ardilaun Electrical Services Ltd  
 Argos Distributors (Ireland) Ltd  
 Arista Networks Limited  
 Arjo (Ireland) Ltd  
 Arklow Electrical Wholesale  
 ARKPHIRE IRELAND LTD  
 Armstrong Electronics Limited  
 Arrow Central Europe GmbH  
 Arrow Emergency Lighting Ltd  
 Ascent Information Technology Ltd  
 Ash Technologies Ltd.  
 ASOS.com Limited  
 ASSOCIATED HARDWARE PLC  
 Astral Healthcare Limited  
 Atlantic Surgical Ltd  
 AUDI ATHLONE  
 Audi-Lab Hearing Specialists Ltd  
 Aurora Lighting Ltd  
 Auto Body Craft Ltd  
 Autodoc AG  
 Autogate and Door Systems Ltd  
 Automated Technical Controls Ltd  
 Automatic Identifications Systems Ltd  
 Automatic Sprinkler Company (Ireland) Ltd  
 Automation Supplies Ltd  
 Automobile Power Ltd  
 Avaya International Sales Ltd  
 Avcom Audio Visual Communications Limited  
 AVONMORE ELECTRICAL CO LTD  
 Axxid UK Limited  
 Azette Ltd  
 B S Lewis Limited  
 B&G LTD  
 B&Q Ireland Ltd  
 B&R Industrial Automation Ltd  
 B&W Group Ltd  
 B. Braun Medical Ltd  
 Baker Hughes EMEA UC  
 Balsam International Unlimited Company  
 Balscadden Online  
 Banaghan & Co. Ltd  
 Bandon Motors (Bandon) LTD  
 BARB ELECTRICAL CO LTD  
 Barco N.V.  
 Barcon Powersports Ltd  
 Bard Limited  
 Barker Photographic Ltd  
 Batteryman Distribution Ltd  
 Bayer Ltd.  
 BBikes Ireland  
 BEAUMEX UNLIMITED COMPANY  
 Beauty Features Limited  
 Bechtle Direct Ltd  
 Beckman Coulter Diagnostics Ltd  
 Becton Dickinson U.K. Ltd  
 BEDROOM ELEGANCE SALES LTD  
 Beechfield Healthcare Ltd  
 Beechill Enterprises Ltd  
 Beko plc  
 Bell Lighting Ireland Ltd  
 Bella Baby Limited  
 Bellew Electrical Ltd  
 Bene Office Furniture Ireland Limited  
 BENNERS GARAGE LTD  
 Bergfreunde GmbH  
 Bering Time ApS  
 Berkel Ireland Limited  
 Better Energy Management Ltd  
 Bewleys Limited  
 Beyerdynamic GmbH & Co. KG  
 BHC Distributors Ltd  
 Bike24 GmbH  
 BioMerieux UK Ltd  
 Bioquell Global Logistics (Ireland) Ltd  
 Bio-Sciences Limited  
 Bixelon Europe GmbH  
 Black Diamond Equipment Europe GmbH  
 Black Label Jacuzzi Ltd  
 Blackchurch Leisure Ltd  
 Blackstone Motors Limited  
 Blueair AB  
 Bluestar Europe Distribution BV  
 BLUESTONE SALES & DISTRIBUTION LTD  
 BMW Automotive (Ireland) Ltd  
 BNR LTD  
 BOC Gases Ireland Ltd  
 Bodel Distributors Ltd  
 BODYSCENT INTERNATIONAL LTD  
 Boland and Walsh Car Sales Ltd  
 Bolt Itx Ltd  
 Bord Gais Energy Ltd.  
 Bose SMS Ltd  
 Box Ltd

## Member Listing 2022

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



## Member Listing 2022

Component Distributor (CD Ireland) Limited	DEM Machines Ltd.
Comvoc Technologies	Demesne Electrical Sales Ltd
Conns Cameras (grafton arcade) Ltd	DENIS CULLINANE CAR SALES LTD
Contemporary Lighting Solutions Ltd	Derek Considine Car Sales Limited
Convatec Healthcare Ireland Limited	DERMOT MURPHY LTD
Cook Ireland Ltd	Derry Taheny Electric Ltd
Cooney Electronics Ltd	DERRYWOOD AGENCIES & DISTRIBUTORS LTD.
Copperfish Studio	Des D'Arcy Motors Ltd
Corajio Unlimited Company	DESIGNLIGHT IRELAND LIMITED
CORE ELECTRICAL LTD	deWiz Golf AB
Corkery Dowd Ltd	Diebold Nixdorf (Ireland) Limited
Corrigan Cars Limited	Digi Systems (Ireland) Limited
Corry's Ironmongery Limited	Digicom Office Technology Ltd
Cosgraves Garage Castlebar Ltd	Digital Flying Tiger Copenhagen A/S
Costard Investments Ltd	Direct 2 U Retail Ltd
CPYou B.V.	Direct Medical Ltd
Cradlepoint Inc.	Disruptive Technologies Research AS
Crean Solutions Limited	Diversey Hygiene Sales Limited
Creative Retail Distribution	DKA Retail Ltd.
Creative Technology (Audio Visual) Ireland Ltd	DLIGHT CONCEPTS LTD
CRQ Limited	DOHENY AUTOMOTIVE LTD
Crunchy Crew Ltd	Dolby International AB
Crystal Media Ltd.	Dolkun Ltd
CT Cool Time GmbH	Dominic Fleming Electrical Accessories Ltd
CTS Systems	Domus Projects Ltd
Cucina Ltd	DONAGHEY MOTORHOMES LTD
Current Lighting Limited	Donaghy Bros
Curvature LLC	Donaghy Electrical Limited
Cycle-Union GmbH	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	DPP Electronics Ltd
DAF Distributors Ireland Ltd	Draper Tools (Ireland) Limited
Daikin Europe NV	DSS-Supply Limited
Daktronics Ireland Co. Ltd	Dualtron Ltd
DALY INDUSTRIAL SUPPLY CO LTD	Dublin City Cool Ltd
Dalys Electrical	Dublin Gas & Electric Ltd
Damovo Ireland	Duggans Garage Kerry Ltd
Danfay Limited	Dundalk Lighting
Danfoss A/S	Dunleas Garage t/a Bella Enterprises
Darlo Enterprises	Dunnes Stores Unlimited Company
Datapac Unlimited Company	DUOLAB UK LTD
David Curran Wholesale	Duravit AG
David Fun Max Ltd	DWN Instrumentation Ltd
DAVID LOWE AND COMPANY LTD	DYSON IRELAND LTD
David Quigley Autos Ltd	E Fox Engineers Ltd
DBS	E. J. BODKIN & CO LTD
DCV McDaid Limited	E. Wiener Bike Parts GmbH
Decdeb Limited	E.M.P. Merchandising Handelsgesellschaft mbH
Delaney Interests Ltd	EA Accessories Ltd
Dell Products Unlimited Company	EA SYMMONS LTD

## Member Listing 2022

Eamon Murphy Car Sales  
Earthly Emporium  
Earthridge International Ltd  
Eason Ltd.  
EASYCAM  
Easytrip Services Ireland Ltd  
Eaton Electrical Systems Ltd  
ECI LIGHTING LTD  
Ecirette Wholesale Limited  
Eco Vision Ltd t/a Easy Motion  
Ecobat Battery UK Ltd  
Ecolab Limited  
ECOVOLT LTD  
Eden Skincare Ltd  
EDGAR Home GmbH  
Edward Kelly  
Edwards Lifesciences  
EET Ireland Ltd  
EEW Ltd  
Effective Distribution Ltd  
Egan Electrical Equipment (Ireland) Limited  
Eiko Ireland Ltd.  
EINHELL UK LTD  
Eircom Limited  
Elavon Financial Services DAC  
Electraction Ltd  
Electramed 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  
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  
Eurogrove Trading Ltd  
EUROPEAN STOVES & FIREPLACES  
Europower DC Ltd  
Euroroute Logistics Limited  
Eve Systems GmbH  
EW Technologies LTD  
EWL ELECTRIC LIMITED  
Excel Electric Group Ltd  
Excel Plumbing Products Limited  
Exertis Ireland Ltd  
Exertis Supply Chain Services  
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  
FDR TYRES LTD  
Fergusons Hearing Aid Clinic Ltd  
Fermoy Nissan Ltd  
Ferrybank Motors (Wexford) Ltd  
FG Wilson Engineering (Dublin) Ltd  
Fields Retail Limited  
Finbarr Galvin Ltd  
First Solar GmbH  
Fisher & Paykel Appliances Limited  
Fitbit International Limited  
FLACK BROTHERS LTD  
Flaherty Markets Ltd  
FlaktGroup Ireland Ltd  
Fleming Medical Ltd  
FLIR Belgium BVBA  
FLIR Integrated Imaging Solutions Inc  
FLIR Systems Trading Belgium BVBA  
Fluence Energy GmbH  
FMG ELECTRONICS (DISTRIBUTORS) LTD  
FOGARTY LOCK AND SAFE CO LTD  
Fónua Ltd  
Food Solutions Ltd

## Member Listing 2022

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

## Member Listing 2022

Homecare Medical Supplies Unlimited Company  
Homesecond  
Hong Kong Ugreen Limited  
HOOVER LIMITED  
Horizon Safety Systems Ltd  
Hornibrooks Garage Lismore Ltd  
Hospital Services Ltd  
Hot Water Control Ltd  
House of Lights Ltd  
Huawei Technologies (Ireland) Co. Ltd  
HUBER+SUHNER (UK) Ltd.  
Hubris Ltd  
Hugh Boggan Motors Ltd  
HUGH JORDAN & COMPANY LTD  
HUGO LOONAM MOTORS LTD  
Humanscale International Holdings Ltd  
Hunter Douglas UK Retail Ltd  
Hyundai Cars Ireland  
I C Plus Ltd  
Ian A. Kernohan (N.I.) Limited  
IBM Global Financing Ireland Limited  
IBM Ireland Ltd  
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)  
IM European Motors Ltd  
IM New Energy Vehicles Irl Ltd  
Imagine Network Services LTD  
IN HAND GUIDES LTD  
Independent Health Care Service Limited  
INDUR (WHOLESALE) LTD  
Infinera Corporation  
Ink Maestro Ltd  
Instagrid GmbH  
Integral Lighting Ltd  
iINTERACTIVE ( IRELAND LTD )  
Interaxon IR Ltd  
International Trade Craft Laboratories Ltd  
Invacare Ireland Limited  
IOResource Ltd  
Irish Aviation Authority  
IRISH COMMERCIALS  
Irish Farm & Garden Machinery  
Irish International Trading Corporation(Cork) PLC  
Irish Security Distributors Ltd  
Irish Soft Drinks Ltd  
iRobot Corporation  
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  
Jack Sleator Motors Ltd  
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  
Jinko Solar GmbH  
JMN Fire Alarms Ltd  
Joe Duffy Dun Laoghaire Ltd  
John Adams Car Sales Ltd  
John Bogue Monaghan Limited  
John Deere Forestry Limited  
John McCabe Motors Ltd  
John McKenna Lawnmower Spares  
John Mills Ltd t/a JML Direct  
JOHN MURPHY (CASTLEREA) LTD  
JOHN STAFFORD & SONS (DUBLIN) LIMITED  
Johnson & Johnson Ireland Ltd  
Johnson & Perrott Ltd  
Johnson Controls Hitachi Air Conditioning Europe SAS  
Josef Kränzle GmbH & Co. KG  
Joseph Murphy (Ballina) Ltd  
Jovi International Distribution Ltd  
JOVO GmbH  
Joyce's Supermarket Unlimited Company  
JR Bailey Distribution Ltd  
JTI Ireland Ltd  
Julius Blum GmbH  
Jungheinrich Lift truck Ltd  
JYSK Ltd  
Karcher Ltd  
Karl Farmer Motors  
Karmarton Ltd  
Karreman Enterprises Ltd  
KCI Medical Ltd  
Keaney Medical Ltd

## Member Listing 2022

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

## Member Listing 2022

MCLOUGHLIN & SONS HARDWARE LTD  
MCQUILLAN WHOLESALERS LTD  
Medguard Healthcare Limited  
Medical Supply Company Ltd  
Medicare Health and Living Ltd  
Meditec Medical Ltd  
Medray Imaging Systems  
Medtronic Ireland Limited  
Melview Motors LTD  
Memory Bank Ltd.  
Memoryking GmbH & Co. KG  
Merck Millipore Ltd  
Meyer Kitchenware Europe Limited  
Mezwell Ltd  
MGI Luxury Group SA  
Michael Cummins Automotive LTD  
Michael Garry Ltd  
Michael Guiney Ltd  
Michael Kennedy Motors Ltd  
Michael Kors (Ireland) Limited  
Michael McArdle  
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  
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  
Mobiwire  
Modern Plant Ltd  
Moduslink BV  
MONAGHAN ELECTRICAL WHOLESALERS LTD  
MONAT Natural Europe Ltd  
Monbatt Ltd  
Montara Ltd.  
Motocaddy Ltd  
Motor Distributors Limited  
MOTOR SERVICES LIMITED  
Mountband Trading Ltd  
Moyne Roberts (Ireland) Ltd  
MP Doyle Group  
MP&E Trading Company Ltd  
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  
Must Have Gadgets Limited  
MVI Hazel  
MWC Auto services Ltd  
MWD ELECTRONICS  
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 WHOLESALERS (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  
Netsmart Security Limited t/a Network Security  
Netwatch Ireland Ltd  
New Era Lighting Ltd  
New H3C Technology Co Ltd  
New Look Retailers (Ireland) Ltd  
Newcastle West Autos Ltd  
Newstyle Hairsalons Unlimited Company  
Next Retail Ltd  
Nextcar Limited  
NIALL STEPHENSON LTD  
Nike Retail BV  
Nikon Metrology Europe B.V.  
Nilfisk Ltd  
Nine United Scandinavia A/S  
NIRVANA LIGHTING LTD  
Nisbets Plc  
Nissan Ireland  
NJOY Netherlands BV  
NOA mobile Ltd  
Noel F. Kenny Electrical Ltd  
NOEL WHELAN CAR SALES LTD  
Norso Medical Limited  
Nortev

## Member Listing 2022

Northwest Car Parts  
 Northwood Technology Ltd  
 Novatel Communications Limited  
 Noviled High Technology Lighting Ltd  
 NSI Hair Nail and Beauty  
 NuLumenTek Ltd.  
 Nuwave Sensor Technology Ltd  
 O & I Motors Ltd  
 O FLYNN MEDICAL LTD  
 O Meara Camping Ireland Ltd  
 O'Callaghan's Garage  
 O'Connell Batteries Ltd  
 O'DONOVAN ENGINEERING CO LTD  
 Ogalas Unlimited Company  
 O'Keeffes of Kilkenny Ltd  
 Oktalite Lichttechnik GmbH  
 Oliver Geoghegan Car Sales Ltd  
 Omron Electronics Limited  
 O'NEILLS ELECTRICAL LIMITED  
 Ooni GmbH  
 Optel Vision Ltd.  
 Optical Sciences Ireland Ltd  
 Optos PLC  
 Oracle EMEA Ltd.  
 Orantek Ltd  
 Orbea S. Coop.  
 Orega Systems Ltd  
 Origo Distribution Ltd  
 Ortofon A/S  
 Otter Products EMEA Unlimited Company  
 Otto Männer GmbH  
 Ovia Ireland Ltd.  
 Oxygen-Care Ltd  
 P & J Finnegan Car Sales Ltd  
 P & J MADDEN CAR SALES LTD  
 Pac Sane Ltd  
 Panasonic UK , a branch of Panasonic Marketing Europe  
 GmbH  
 Pandu Solutions Limited  
 PAP Healthcare Ltd  
 Parma Motors  
 Partech LED Ltd  
 Particular Sciences Ltd.  
 Passax Business Systems and Supplies Limited  
 PAT O'FLYNN SCALES LTD  
 PAT RYAN MOTORS  
 Patina Lighting Limited  
 Paul Sheeran Jewellers (Johnsons Court) Ltd  
 Pauric Connolly Cars Ltd  
 PBL Electrical Distributors Ltd  
 Pc Pro Computers Ltd  
 PC SYSTEMS LTD  
 PCMCS Tech Limited  
 Peats Wholesale Ltd  
 PEIMAR INDUSTRIES SRL  
 Penta Networks Ltd  
 Pepperl+Fuchs Ireland Ltd.  
 PerkinElmer (Ireland) Ltd.  
 Personal Computer Science (Ireland) Ltd  
 Peter Curran Electric Ltd  
 Peter Hanley Motors Ltd  
 Petz Limited  
 PFH Technology Group Unlimited Company  
 Phibsboro Electrical Wholesale  
 Philips Electronics Ireland Limited  
 Phoenix Contact (Ireland) Ltd  
 Phonewatch Ltd  
 Photo Import Ltd.  
 PHS West Inc  
 Pianos Plus Ltd  
 Pioneer Europe NV  
 Pitney Bowes (Ireland) Ltd  
 PJ Bonner & Company Ltd  
 Plantronics BV  
 PLATINUM INTERNATIONAL LTD  
 PMD Solutions  
 PNS Ltd  
 PoE Lighting Ltd  
 Polaroid Film B.V.  
 Polestar Automotive Ireland Limited  
 Polydome Ltd  
 Portix Ltd  
 Portwest UC  
 Potterton Myson Ireland Ltd  
 PowaKaddy Europe Ltd  
 Power City Limited  
 Powerpoint Engineering Ltd  
 Poynt, LLC  
 PPLSS Ltd  
 Precia Molen Irl Ltd  
 Premier Farnell UK Ltd  
 Premium Waxing Supplies  
 PRESLITE DISTRIBUTION LTD  
 Primacy Healthcare 21 Ltd  
 Primark 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

## Member Listing 2022

QIAGEN Ltd.  
QLX Lighting Ltd  
Quaestor Analytic Ltd  
Qualvecom  
Quest Merchandise Limited  
Quicktec Computers Ltd  
Quinn Electrical Services Ltd  
QVC  
R.T. Large & Son Ltd  
RADIO & SECURITY PRODUCTS LTD  
Radiometer Ireland Limited  
Radionics Ltd  
RADIUS COMMUNICATIONS IRELAND LIMITED  
Radius Office  
Range King Ltd  
Ravensburger Ltd  
Ray Grahams Limited  
Rayal Energy Ltd  
Razdan Ltd  
Razer (Europe) GmbH  
RB Ireland Hygiene Home Commercial Ltd.  
Reagecon Diagnostics Ltd  
Reckitt Benckiser Ireland Ltd  
REG FARRELL ENGINEERING LTD  
Rehan Electronics Ltd  
Reichelt Elektronik GmbH & Co. KG  
Reliable Controls Corporation  
Reliable Security Products Ltd  
Renault Ireland  
Rennicks Signs Ireland Ltd  
Rentokil Initial Ltd  
Repligen Europe B.V.  
Rhino Industrial Ltd  
Rhonda Ltd  
Ribbon Communications International Limited  
Ricoh 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  
Rookery Consulting Ltd  
Rota Industries Ltd.  
ROTHENBERGER Werkzeuge GmbH  
RST Power Distribution Ltd  
RTD Technology Ltd.  
RVR Energy Technology Ltd  
Ryan Motor Power 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  
Secure Power Systems Limited  
Semineo  
Sennheiser Electronic GmbH & Co. KG  
Sennheiser UK Ltd.  
Serfac Ltd  
Setanta Vehicle Importers Ltd  
Sex Siopa  
SFW Distribution Ltd  
Shady and the Lamp  
Shanahan Power Ltd  
Sharp Consumer Electronics Poland sp. z o.o.  
Shell EV Charging Solutions BV.  
SHOMAR LTD  
Shop Direct Ireland  
Showtime Essential Kitchen Products  
Siemens Energy Ltd  
Siemens Gamesa Renewable Energy Ltd  
Siemens Ltd  
Sight and Sound (Distributors) Ltd  
Sigma Wireless Communications Ltd  
Signet Trading Limited  
Signify Commercial Ireland Ltd  
Signode UK Ltd  
Sigtec Limited  
Silverstone Media Solutions Ltd  
Singer Sewing Centre  
SINJEN LTD  
Sisk Healthcare UC  
Skechers USA LTD



## Member Listing 2022

SKS COMMUNICATIONS LTD  
 Skullcandy International GmbH  
 Sky In-Home Services Ltd  
 Smart Bits Phone Accessories Ltd  
 SMART ELECTRICS WHOLESALERS LTD  
 Smiggle Ireland Ltd  
 Smiths of Drogheda  
 Smoke Green Limited  
 Smyths Toys HQ  
 Snap Group Limited  
 SOCOM Technology Limited  
 Soilse Sabre Teoranta  
 SolarShare Limited  
 Solas Geal Distribution Ltd  
 Solatrex International Ltd  
 Somora Motor Parts Ltd.  
 Sonnen GmbH  
 Sonos Europe BV  
 Sord Data Systems Limited  
 Sordan  
 SOUND PRODUCTIONS LIMITED  
 Soundzdirect Ltd  
 South West Wholesale Ltd  
 Spaldings Ltd  
 Spectrum Distribution Ltd  
 Spicers Office Supply (Ireland) Limited  
 Sportpursuit Limited  
 Spotlight Oral Care Ltd  
 Sprayclear Environmental  
 Sprayquip Ltd  
 SQUARE ONE DISTRIBUTION LTD  
 Stafford Lynch Ltd  
 Standard BioTools France SARL  
 Stanley Black & Decker Ireland Unlimited Company  
 Stanley Security Ltd  
 StarBrite Lighting Ltd  
 STC SOCKET TOOL COMPANY LTD  
 Steelcase Limited  
 Stella Doradus Europe Ltd  
 Stephen Pio Ltd  
 STILLORGAN DECOR CENTER  
 Stone Gym Solutions Limited  
 Storagecraft Technology Ltd  
 Stoves Store Ltd  
 Strongline Autoparts Ltd  
 Stryker UK Limited  
 SUEZ Water Technologies and Solutions  
 Sulzer Pump Solutions Ireland Ltd.  
 Sumup Ltd  
 SUNDRELLE LIMITED  
 Sunradi Ltd  
 Superdrug Stores plc  
 Supergroup Retail Ireland Limited  
 Supersavers  
 Sureweld International Ltd  
 Survey Instrument Services Ltd  
 Suzuki Cars Ireland Ltd  
 Swico Ltd  
 Switch Distribution Limited  
 SWITCHTEX LTD  
 Synergistics LTD  
 Synluck GmbH  
 System Video Limited  
 Systemlink Technologies Ltd.  
 T Tools Ireland Ltd  
 T&T EQUIPMENT LTD  
 Tadhg Riordan Motors Ltd  
 Tam Outlets Ltd  
 TaskLED Lighting Ltd  
 TBC Junction Unlimited Company  
 TDS Disney Ireland Limited  
 Tech Data Distribution Ltd  
 Technetix Ltd  
 Technico Ltd  
 TECH-SPEC  
 Tecoled Ltd  
 TEF TULLAMORE LTD  
 Tekelek Europe Ltd  
 Tekhnopak Manufacture Ltd  
 Tektronix International Sales GmbH  
 Tektronix UK Ltd  
 Telent Technology Services Ltd  
 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 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 Vapormatic Co. (Ireland) Ltd  
 Thermalimage  
 Thermo Fisher Diagnostics (Ireland) Ltd  
 Thistleway Ltd  
 Thomann GmbH  
 Thomas Farrell & Sons (Garages) Limited  
 Thomastown Garage Limited

## Member Listing 2022

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  
TMC Technology Ltd  
Tokyo Electron Europe Ltd  
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  
Trackimo Inc.  
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  
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.  
Ubitricity Gesellschaft für Verteilte Energiesysteme mbH  
Uccello Marketing EU Ltd.  
UK Juicers Limited  
Umlagh Country Trading Ltd  
UnipharPLC  
Unisys Europe Limited  
UNITED HARDWARE DAC  
United Retail Trading Ltd  
Universal Honda Limited  
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  
Veelite Lighting Ltd  
VELUX Company Ltd  
Vendek Ltd  
Verde LED Ltd  
Veritas Storage (Ireland) Limited  
Vertiv Ireland Ltd  
Vestas Ireland Ltd  
Vestel Holland BV Germany Branch Office  
VGP Media Ltd  
Vitold Investment UC  
Vocera Communications Inc  
Volkswagen Group Charging GmbH  
Volkswagen Group Ireland Ltd  
Volvo Car Ireland LTD  
Vorwerk UK LTD  
VV-Tech LPG Ltd  
Vygon Ireland Ltd  
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  
We Fit  
Weber-Stephen Deutschland GmbH  
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 Autos  
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  
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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