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CEO's Report

Dear Ministers, Members & Stakeholders

EPR Success in a challenging year

The Year 2021 was WEEE Ireland's 17th year of operation, and our second under the restrictions imposed by the global COVID-19 pandemic. The impact on our sector as well as across society and the economy at large has been immense and is set against the backdrop of an even greater Climate Crisis which all actors in the environmental management sector are acutely aware of.

Despite these challenges our successes are clear, with 38,464 tonnes of e-waste diverted from landfill from our designated collection area last year and 1,085 tonnes of waste portable batteries sorted for recycling through our system. The treatment of both exceeding required recovery and efficiency targets. Throughout the last 12 months we have continued to uphold the values of our Scheme on behalf of Irish Producers, through cost effective and compliant Membership, Operations, Finance and Communications services to Members and Stakeholders; delivering quality solutions with innovation towards circularity.

This time also marks the end of our current approval period 2017 to 2022. While we prepare for re-approval from the new Circular Economy Materials Management Division of the Department of Environment, Climate and Communications (DECC), it is time to reflect on the successful delivery by WEEE Ireland of the last approval phase.

5 year summary

Since our third term of approval in 2017 WEEE Ireland has presented our Scheme as a best-in-class Case Study at the European Commission's Compliance Promotion exercises in Dublin and Brussels.

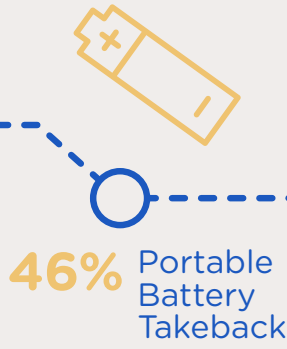
In addition, during the last 5 years we have:

- Grown our Membership numbers another 30% to nearly 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 new takeback challenges
- Diverted 187,000 tonnes for quality standard recycling and recovery
- Partnered with indigenous Irish treatment operations to support national recycling and recovery infrastructure
- Supported the development of new circular economy 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, EUCOBAT, and WEEE Forum Centres of Excellence
- Led the WEEE and Battery EPR sector in Ireland in new R&D and CE innovation programmes through co-funding and partnership with EPA Strive and CIRCULÉIRE
- Undertaken engaging national and regional awareness campaigns to bring the WEEE and Battery takeback message to every household in Ireland
- Contributed over €250,000 in corporate sponsorship (over €500,000 in the last decade) to LauraLynn Children's Hospice Charity, encouraging more people to collect batteries and small WEEE for recycling
- Launched our new Circular Vision strategy in anticipation of the Whole of Government Circular Economy Strategic focus and the next phase of our approval under the Waste Action Plan for a Circular Economy EPR mandate.

WEEE
kg per capita



1296
Members



78%
WEEE Market Share



Distance to Target

In 2021 WEEE Ireland maintained high collection volumes and exceeded the targets for recovering resources. Significant increases were seen in Fridge-Freezer and Mixed/Small WEEE takeback. The latter a specific focus of investment, effort and awareness campaign targeting, as a key area for required growth. However, it is unlikely that Ireland will report a 65% collection rate for WEEE in 2021. This is due in part to the increasing rate of appliances and devices on the market creating an a constantly moving and unachievable target.

The evidence is clear from our own experience and that of our colleagues across Europe; authentic Schemes with quality solutions cannot reach the targets under the WEEE Directive as they are currently formulated. This leads us to question if they are fit for purpose? We need targets to benchmark our systems and drive improvement, but these legacy linear targets are not measuring true progress across the European e-waste system. With the forthcoming evaluation of the WEEE Directive it is time to review and modernise WEEE collection targets to encourage better reporting, supported by more accurate data collation and quality checks. We need to rapidly incentivise the transformation across the industry to deliver a more circular and resource efficient economy. The way forward requires an all-actors approach, whereby the key role of EPR Schemes, Producers and Recyclers offering quality management services, is also complemented by action and reporting from other operators in the EEE and Battery value chains.

Circular Vision

Already in 2022, we have seen a new Government Circular Strategy being published and the draft Circular Economy Bill being brought before the Dáil. Recognising the evolution of policy and industrial development towards more sustainable, resource efficient and circular systems, we invested time and thought last year to articulating a new ambition for our Scheme. Our Circular Vision aims to lead the WEEE and Battery Sector in its circular transformation and building on the opportunities circularity can bring to the industry and our society. I look forward to rolling out the roadmap to deliver on this strategy with my colleagues from 2022.

2022 outlook

While we have seen the end for now of many of the pandemic restrictions, our European society and economy still face turbulent times. Increasing value in commodity markets which support recycling activity are paralleled with soaring costs in manufacturing and disruption across supply chains. This means it is imperative that all e-waste collection is accompanied by quality treatment solutions to return materials back into the manufacturing system in Europe.

Having been involved in the very first stakeholder taskforce implementing the 2002 WEEE Directive in Ireland, I can look ahead to the evaluation of that Directive and its next iteration, with the benefit of 20-years' experience as well as new thinking and motivation under our Circular Vision.



Thank you to my Board of Directors for another year of experience, input and engagement, the WEEE Ireland Management and Executive teams who expertly deliver our best-in-class Scheme on behalf of our Members, and of course to our growing Producer Membership themselves for their continued support. My sincere thanks to our outgoing Finance Manager and Company Secretary Eddie Seery, who retired at the end of 2021 after many years' service.

At the time of writing, we remember fondly our founding Board member, the late Des McCormack (Retired CEO, Whirlpool), who was instrumental in the setting up of WEEE Ireland in 2004 and served on the board of WEEE Ireland for over 10 years sharing his wisdom, advice, and guidance to both me and the organisation. He played a pivotal role in encouraging the retailers to actively get involved in the takeback of WEEE. He will be dearly missed within the industry. May He Rest in Peace.

Is mise le meas

Leo Donovan
Chief Executive Officer
WEEE Ireland



Letter from the Chairperson

Dear Members,

As Chair of the Board of Directors of WEEE Ireland it is my pleasure to support this Annual Environmental Report, detailing the work and activity carried out by the Scheme and its dedicated team on your behalf.

As an industry we have gone through a time of immense change in the last 24 months. We understand the challenges that still lie ahead in maintaining secure supply chains for manufacturing and delivering sustainable products to our customers, clearly aligned with a growing volume of regulatory frameworks and requirements. In my own organisation, sustainability is embedded across our business model as we strive to reduce our environmental footprint and deliver long term economic stability that pursues a socially sustainable future for our customers. The partnership with WEEE Ireland supports these objectives, which are mirrored by colleagues representing multinational Producers across the EEE and Battery Sectors. On the Board of WEEE Ireland I also represent the Irish White Goods industry, and this Annual Report and our continuing work in 2022 with the Scheme, demonstrates the key role towards circularity already being delivered by that sector, with a particular emphasis on the important role of repair.

The publication of the *Circular Vision* strategy by the Scheme articulates the commitment by WEEE Ireland to the new EPR mandate, Circular Economy direction and Climate Action plans published by our Ministers for Environment, Climate and Communications, and for Circular Economy, in recent times. The strategy was developed and delivered by the Board of Directors and the WEEE Ireland Management Team to support a transitioning roadmap for our Scheme. It comes in advance of our next phase of approval from 2022, which I look forward to engaging with Department Officials on. It will build on the successes to date of WEEE Ireland working on behalf of the majority of Producers in the EEE and Battery industry over the past 2 decades.

Effective, accountable, and transparent Corporate Governance is a priority for my fellow Directors and I within our mandate on the WEEE Ireland Board. The extended producer responsibility leadership that we must deliver is foremost in our minds in governing the Scheme on behalf of the 1300 strong Membership. I encourage all Members to engage with myself and their sector representatives directly, and through the WEEE Ireland AGM, webinars, and meetings, to feedback on the system we continue to develop on your behalf.

My thanks to the CEO and the WEEE Ireland team for delivering an excellent report in another challenging year of operations. I give sincere thanks to Outgoing Chair Declan Moylan and long standing independent and lighting industry representative Cel O'Reilly, who completed their valued tenure on the Board during 2021.

With Kind Regards

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



Corporate Governance

2021 Board of Directors



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

Role:

Appointed:

Company:

Representing Category:

2021 Committee:



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



Mr Declan Moylan
Director /
Outgoing Chairperson
January 2016 - April 2021
Independent
Independent
Finance



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

Role:

Appointed:

Company:

Representing Category:

2021 Committee:



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



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



Mr Dermot Deely
Director
April 2020
Signify Ireland
Lighting
Procurement

Role:

Appointed:

Company:

Representing Category:

2021 Committee:



Mr Fergus Johnston
Director
June 2017
Whirlpool Ireland Appliances
LHA
Finance



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



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

Role:

Appointed:

Company:

Representing Category:

2021 Committee:



Mr David Tyrrell
Director
March 2017
Independent
Independent
Finance, Procurement

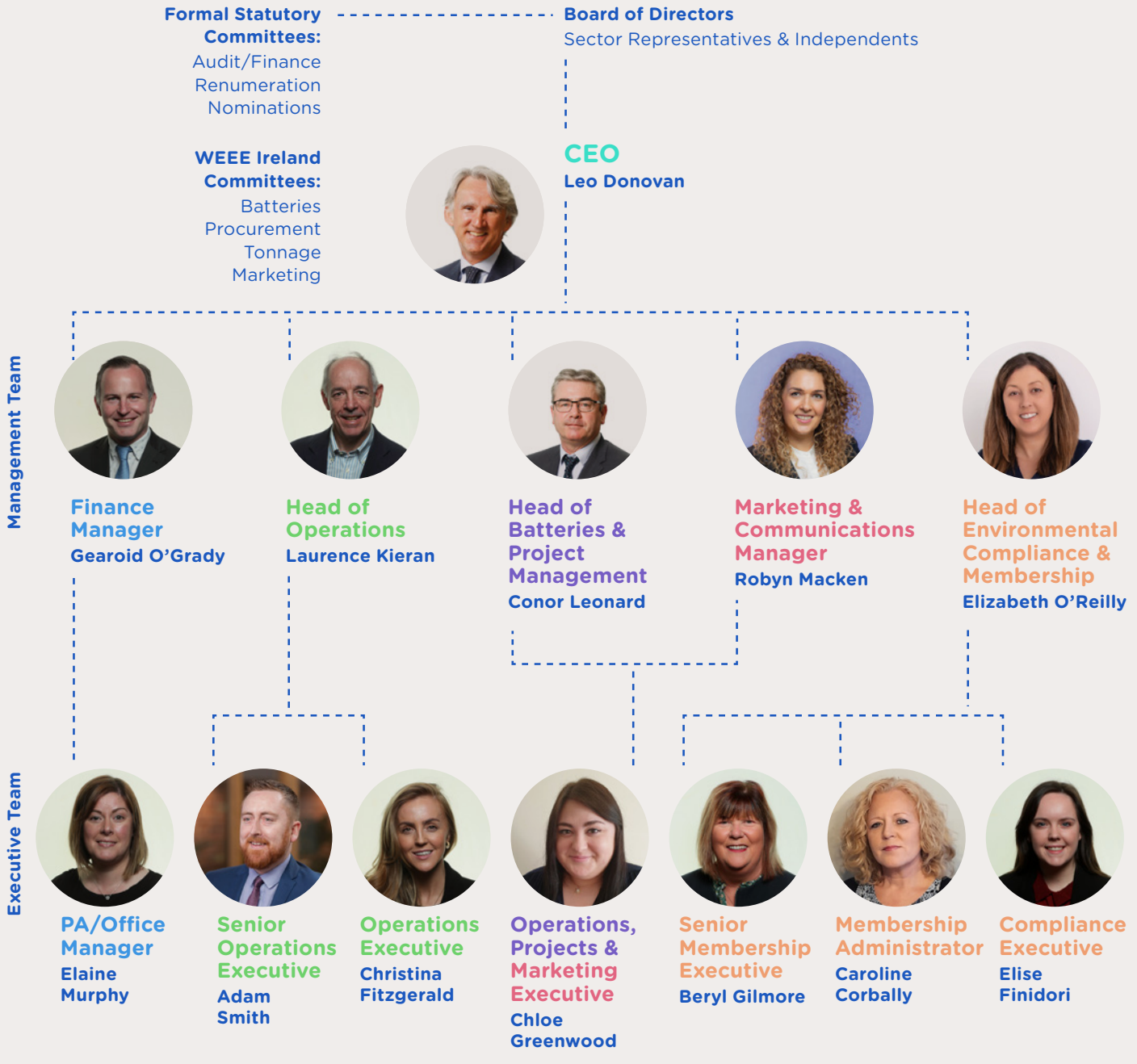


Mr Cel O'Reilly
Outgoing Director
June 2005 - June 2021
Independent (Lighting)
SHA, LE, Batteries
Finance, Procurement



DIRECTOR NAME	ROLE	TYPE	BOARD MEETING ATTENDANCE	AUDIT/FINANCE COMMITTEE	NOMINATIONS COMMITTEE	REMUNERATION COMMITTEE
	Chair, vice, CEO	Sector Representative or Independent	6 Meetings	11 Meetings	2 Meetings	4 Meetings
Leo Donovan	CEO	WEEE Ireland	6	11	N/A	N/A
Herbert Sharkey	Chairperson	Sector Representative	5	10	2	4
Brian Flood	Director	Sector Representative	5	N/A	2	N/A
David Tyrrell	Director	Independent	6	N/A	N/A	N/A
Dermot Deely	Director	Sector Representative	6	N/A	N/A	N/A
Fergus Johnston	Director	Sector Representative	6	3/3	2	N/A
Johnny Dunne	Director	Sector Representative	6	N/A	N/A	4
Niamh Laing	Director	Sector Representative	4	10	N/A	4
Richard Broderick	Vice Chairperson	Independent	5	3/3	N/A	4
Brenda McEvoy	Director	Sector Representative	3/3	N/A	N/A	2/2
Declan Moylan	Chairman	Independent	2/2	3/3	N/A	N/A
Cel O'Reilly	Director	Independent	2/2	6/6	N/A	N/A
ATTENDANCE			93%	97%	100%	100%

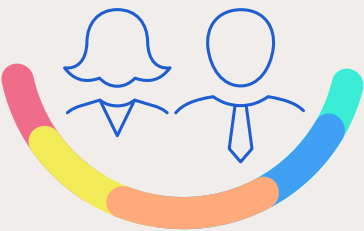
Professional Team



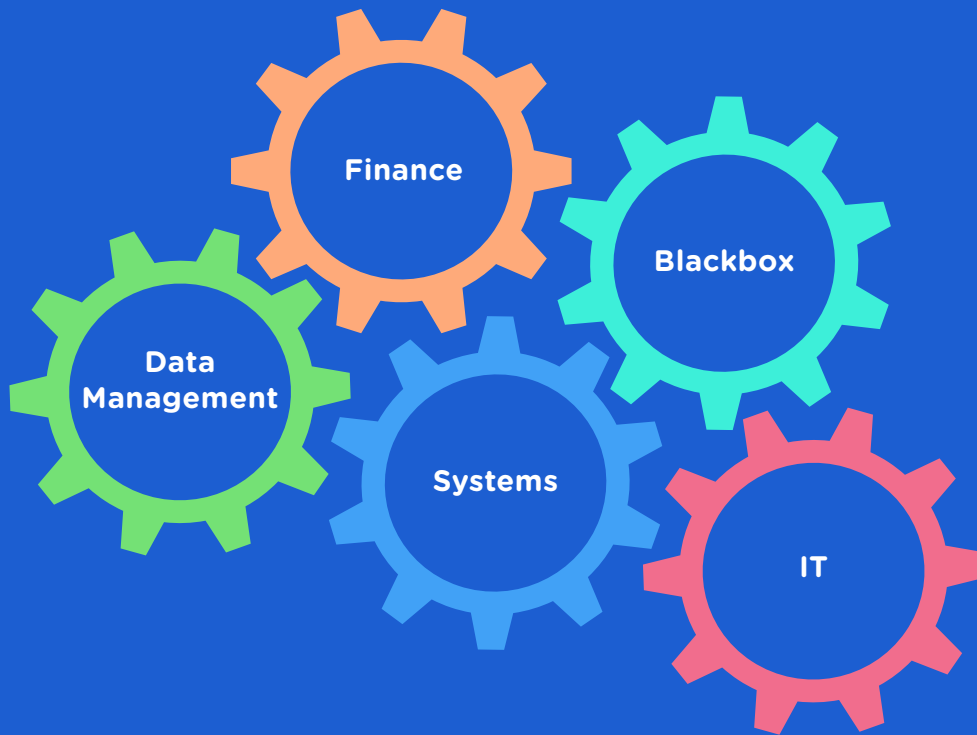
Eddie Seery
outgoing Finance Manager,
retired at the end of 2021.

Human Resources

The WEEE Ireland Team is supported by a part-time HR Contractor and other contractors including IT, PR, Media, Design, Advertising and Social Media service providers. 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.



Financing Extended Producer Responsibility



WEEE Ireland Members finance 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 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*

In 2021 The Scheme moved to e-invoicing and underwent a significant IT development to upgrade finance and reporting systems.

Reporting and Blackbox Data POM

Producers report POM (placed on the market) data 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's submission to calculate financial obligation. The Blackbox provides the scheme with monthly invoicing reports pertaining to B2C EEE and Batteries, for its Members. 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.

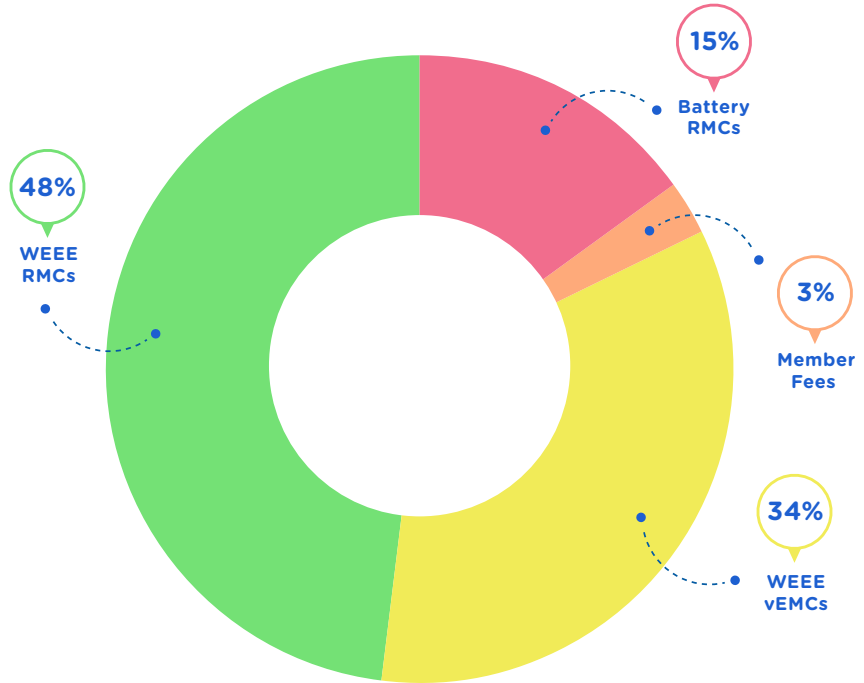


2020 Audit Report

The Scheme's Financial audit was successfully completed by the independent external auditors in May 2022 and financial statements for 2021 will be filed with the CRO within the required timeframe. The Financial Statements are circulated to all Members in advance of the AGM each year.

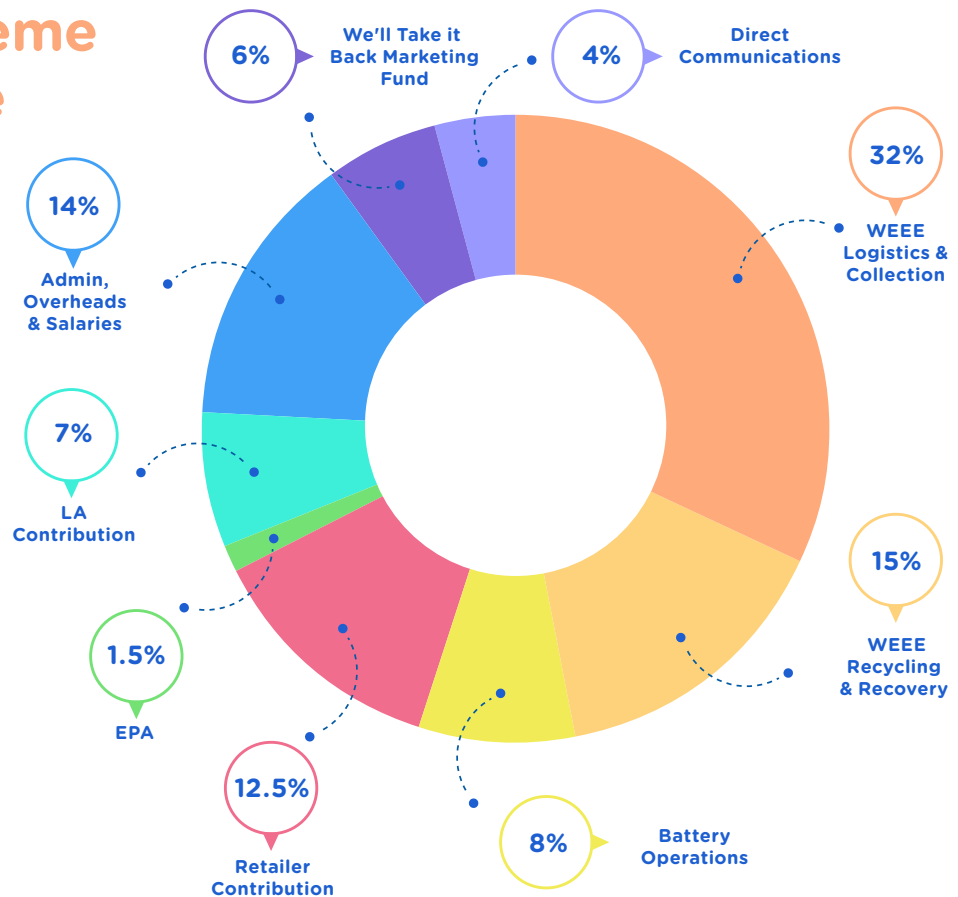
Composition of WEEE Ireland Membership Fee Income 2021

Income %



Composition of WEEE Ireland Scheme Expenditure 2021

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.

Cooperation Agreements

Contributions	Description	€*	Benefit
Retailer <i>We'll take it back</i> Communication Programme	This programme drives a unified communications message from key electrical retailers on takeback with no purchase necessary and supports contributions to segregation and separation costs for WEEE collected	750,000	Acknowledges the role retailers play in maintaining a takeback network of collection points for consumers in keeping with their distributor obligations
Local Authority WEEE Fund	Contributions to Local Authorities for takeback at the network of 100 plus CA Sites where WEEE can be taken back free of charge by consumers	1.2 million	Supports municipal WEEE collection facilities at Civic Amenity sites nation-wide
EPA Enforcement and R&D	Provides funding towards WEEE enforcement and guidance programmes by the OEE** and supports EPA Strive WEEE and Battery focused research	250,000	Supports a collaborative approach with industry engagement

Together,
WEEE can make
a difference

* These contributions are from both WEEE EPR Schemes in Ireland. WEEE Ireland contributes in accordance with its market share ratio. 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.
 ** Office of Environmental Enforcement - <https://www.epa.ie/our-services/compliance--enforcement/waste/>

Throughout 2021, 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. This engagement was particularly focus on increasing takeback tonnes, limiting scavenging and leakage, advancing national and regional awareness campaigns and Circular Economy developments.

Future Financing

Visible Fees

Agreement was reached in 2021 to extend the visible fee and cooperation contributions agreement until the end of 2022 to allow for planning and development of new WEEE systems. Members were advised of this update at the Annual Fee Briefing in October 2021 and by direct mail communication. Engagement with stakeholders on the future of visible fees in Ireland on certain EEE categories continues during 2022.



Eco-Modulation

During the year the Compliance team worked alongside colleagues from the WEEE Forum and Producers with consultants Sofies on a detailed review of Eco-modulation which aims to put differential fees on EEE products according to environmental criteria including reparability, durability, recyclability, and reusability. The project proposed guiding principles for the EU and the Member States on eco-modulation should be **harmonisation, progressivity, simplicity, limited scope, and additionality** but there is real concern regarding the timeline for delivery of a harmonised European solution as guidance from the Commission on this topic has been delayed and the proposed implementation date is January 2023.

Interim findings include:

- There is limited room to reduce technical treatment costs through treating 'greener' products.
 - This means there are limitations to delivering product or consumer change through eco-modulation
 - Modulating compliance treatment fees, which represent less than 2% of the individual product price value, is therefore challenged as an effective instrument to drive consumer behaviour towards 'greener' products

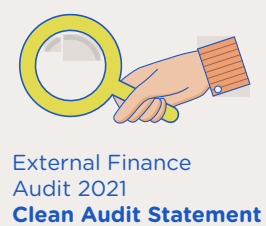
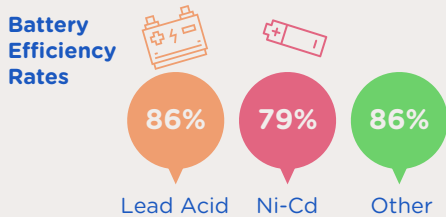
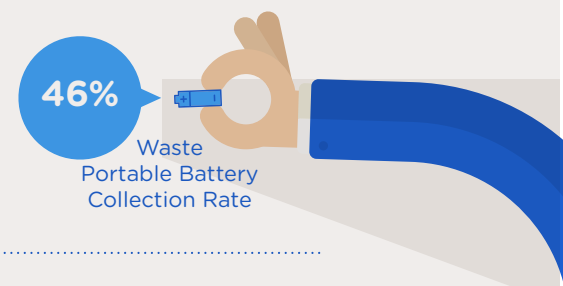
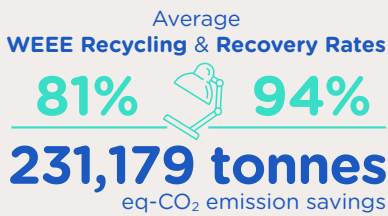
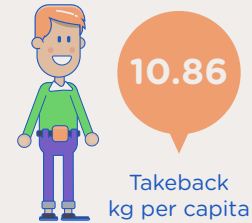
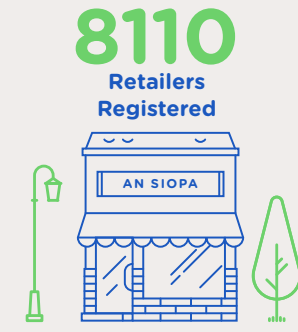
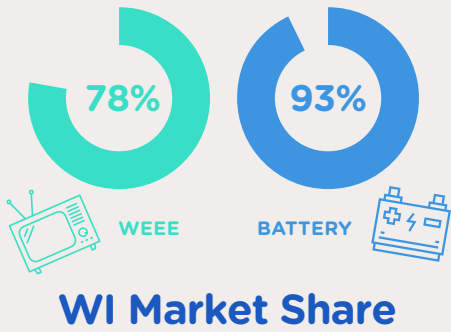
- Consumers consider a range of factors when comparing between products to purchase
- Measures must be taken to ensure that there is harmonization across the EU
- Eco-Modulation should support Eco-Design Regulations and forthcoming Sustainable Product Initiatives and not create inconsistencies or confusion.

WEEE Ireland will work with the DECC as well as our European Colleagues to deliver Eco modulated systems, but strongly advocates for harmonised and planned solutions to allow timelines for system updates, financial and operational planning and communication to Producers and other stakeholders.



2021 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 2021 include:

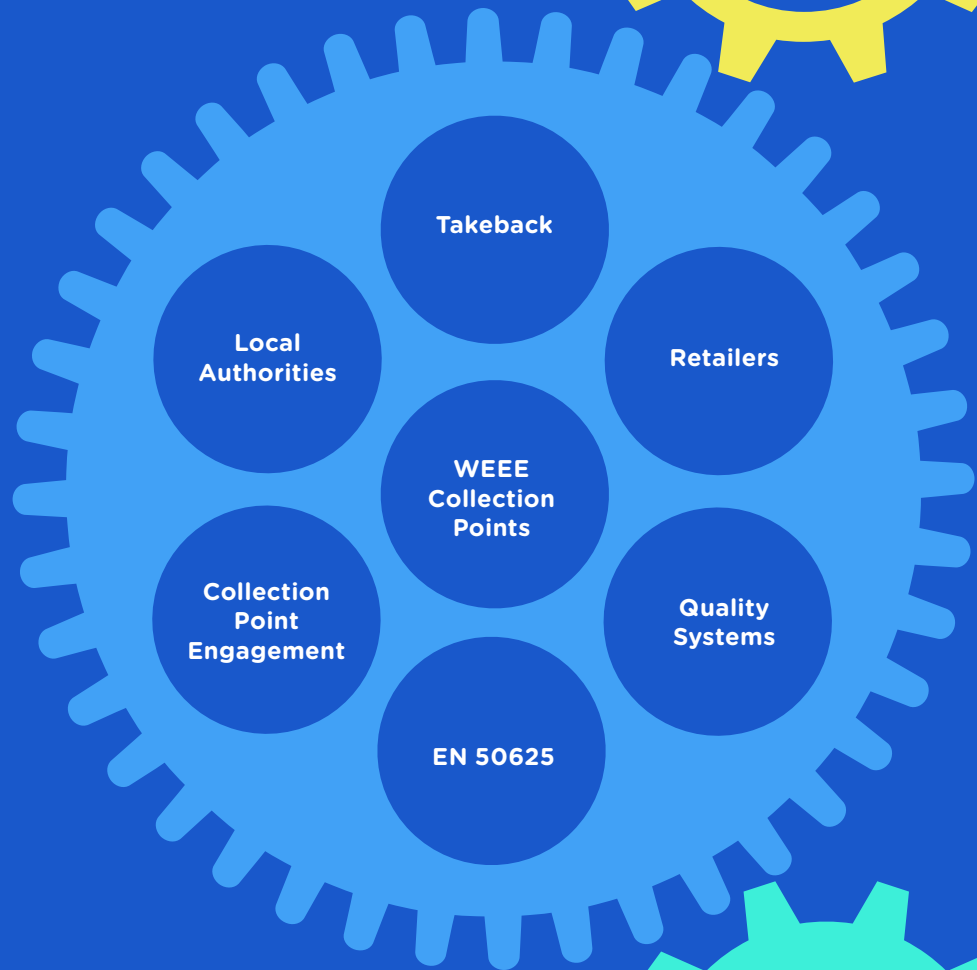


*See WEEEFlores additional data for WEEE Flows estimated Collection Rate

Results

2021 in Numbers

WEEE Collection Results



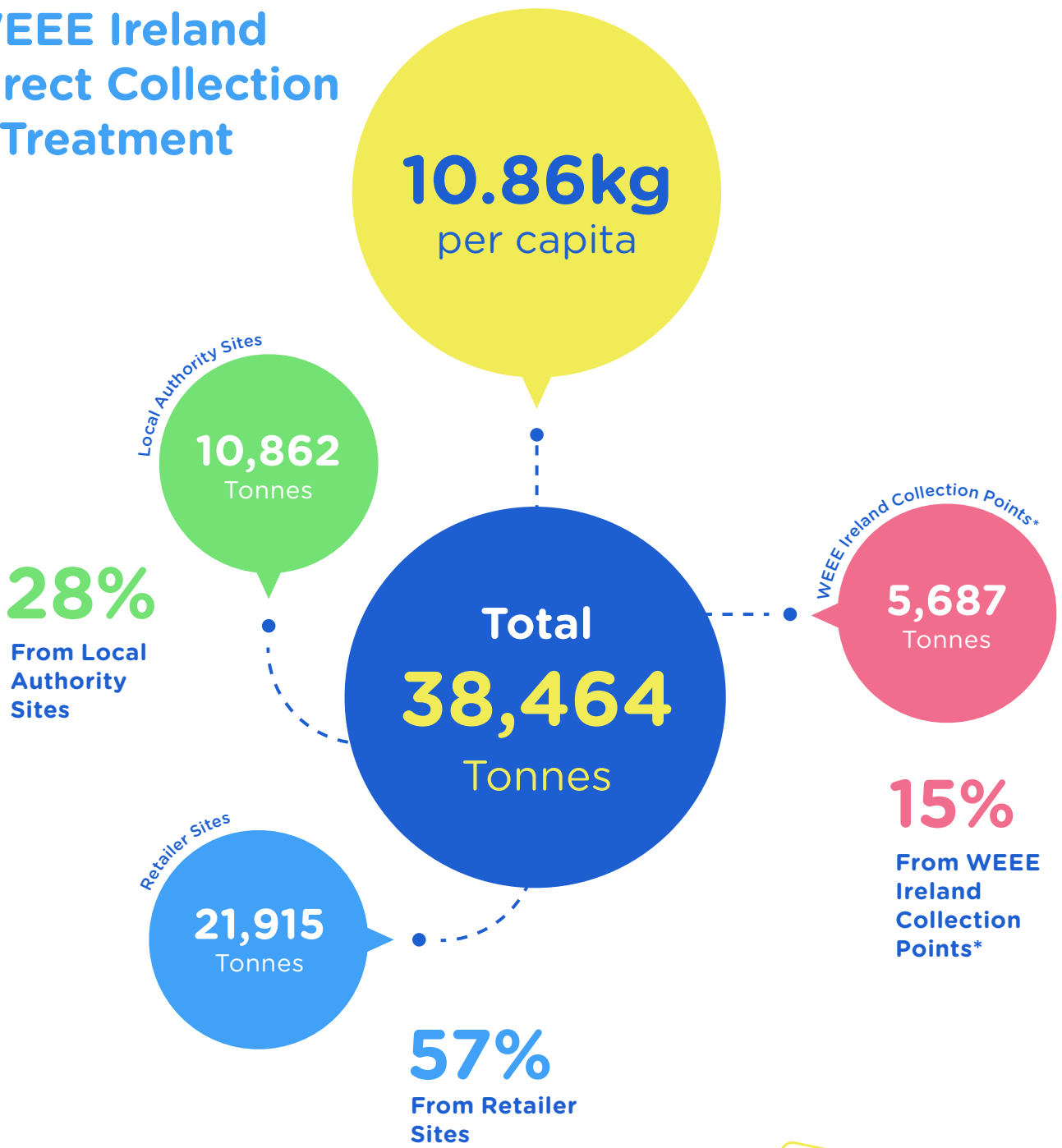
WEEE Operations



WEEE OPERATIONS TEAM (l-r)

Christina Fitzgerald Operations Executive,
Adam Smith Senior Operations Executive,
Laurence Kieran Head of Operations.

WEEE Ireland Direct Collection & Treatment



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



Direct Collection per WEEE Category comparing 2020 and 2021

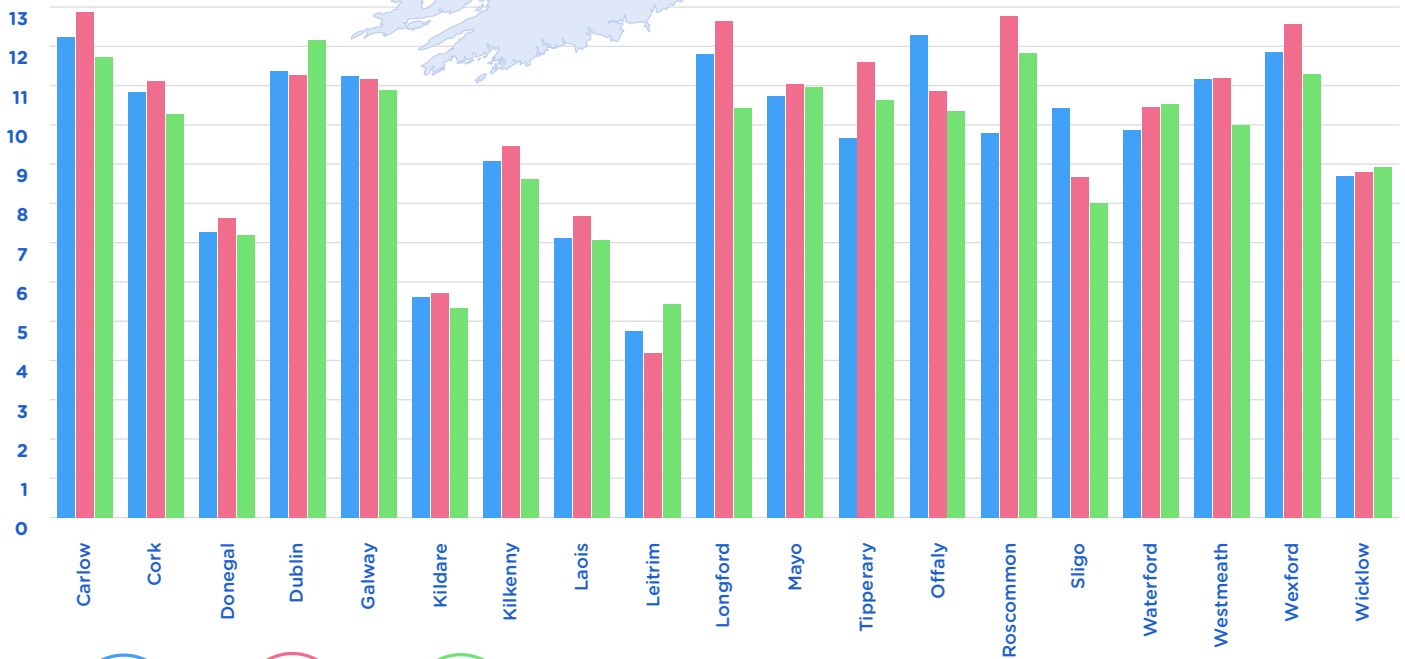
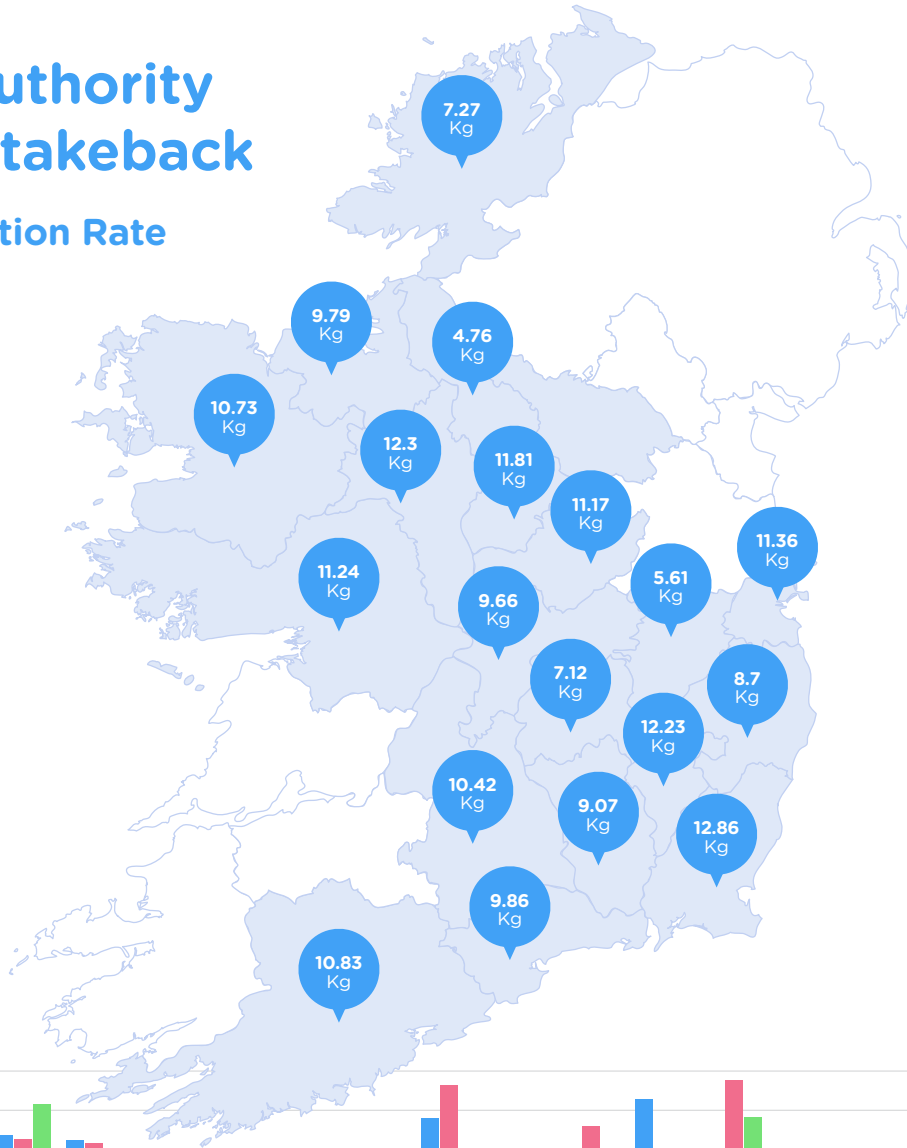
Category	TONNES 2020	TONNES 2021	INCREASE OR DECREASE
1 Temperature Exchange Equipment	6,271	6,592	+
2 Screens	3,543	2,980 *	-
3 Lamps	318	301	-
4 Large Appliances	21,764	21,356	-
5 Small Appliances	5,901	6,136	+
6 Small IT&T Equipment	927	1,099 *	+
Total	38,724	38,464	-

In 2021 the trend continued for a decrease in screen volumes collected for recycling due to the reducing numbers of old CRT 'box' televisions and monitors arising as waste. Increases in Small WEEE collection volumes were seen which was a particular focus of communication awareness promotion during the year and continuing into 2022.



Local Authority County takeback

2021 Collection Rate
Kg/person



■ 2021 Collection Rate kg/person
■ 2020 Collection Rate kg/person
■ 2019 Collection Rate kg/person

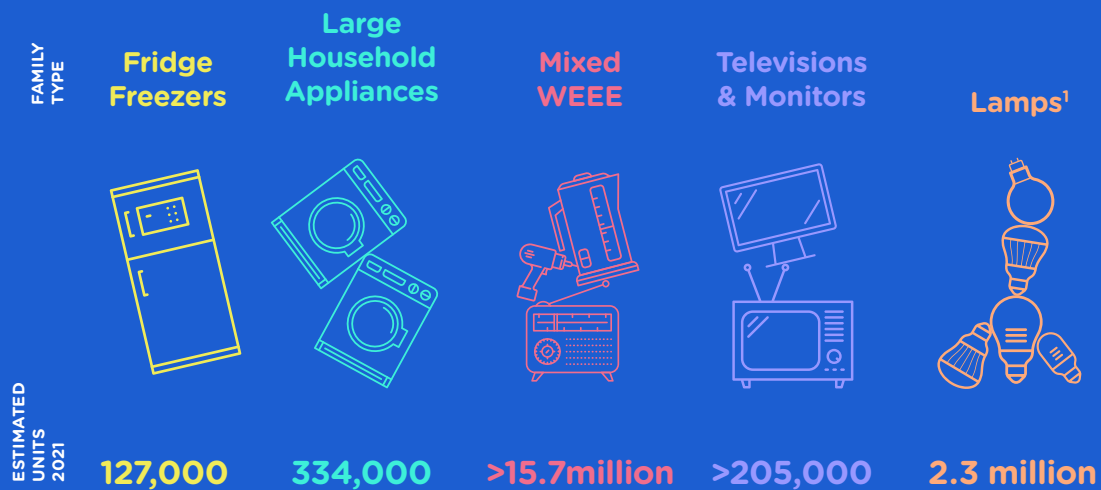
*Note WEEE Ireland designated collection area for B2C WEEE excludes Fingal, Cavan, Monaghan, Louth, Meath, Clare, Limerick and Kerry except for Waste Lighting Equipment (excluded from this graph). WEEE Ireland manages an all-county national takeback solution for the Irish Lighting Sector.

Units Per Family

Over

18 million+

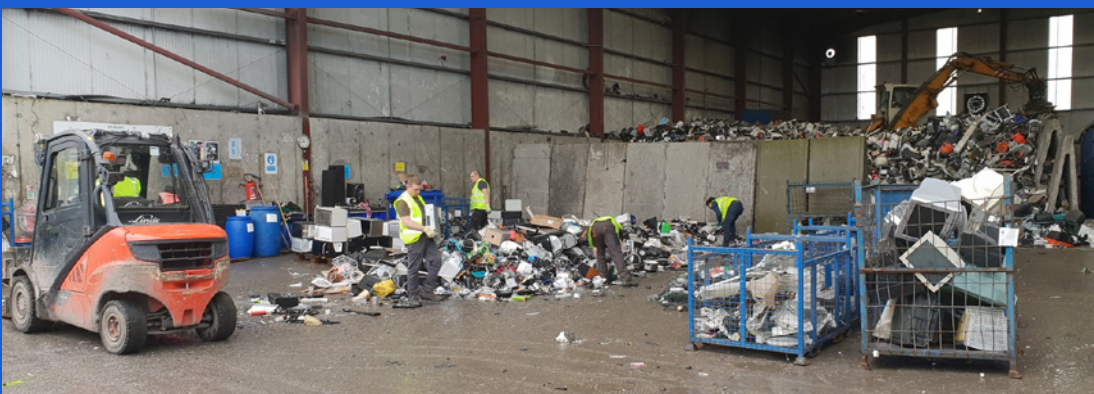
WEEE appliances were collected for recycling by WEEE Ireland in 2021 including:



Total **18.7 million**

Sampling for Data

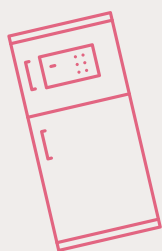
WEEE Ireland and its contractors undertake sampling activity on Mixed WEEE intake to understand and report on the breakout of categories and subcategories of material.



¹ Gas discharge lightbulbs including energy saving compact and longer fluorescent tubes.

WEEE Targets

WEEE Ireland Collection Rate Data



64%

Category 1
Temperature
Exchange



61%

Category 2
Screens



21%

Category 3
Lamps



68%

Category 4
Large
Appliances



38%

Category 5
Small
Appliances



42%

Category 6
Small IT&T

CATEGORY	CAT1	CAT2	CAT3	CAT4	CAT5	CAT6	TOTAL
POM 2018	9,654	3,536	1,863	27,575	16,347	2,845	61,820
POM 2019	11,242	4,878	1,257	33,404	15,957	2,757	69,495
POM 2020	13,396	7,228	1,225	36,307	19,923	3,018	81,097
POM 2021	14,569	6,500	1,200	39,641	19,180	2,739	83,829
B2C Takeback 2021	6,592	2,980	301	21,356	6,136	1,099	38,464
Direct Collection Takeback Rate 2021 3yearPOM ²	58%	57%	21%	66%	35%	38%	54%
Including WI Funded Tonnage	64%	61%	21%	68%	38%	42%	(2,156) 57%*

* 57% when Scheme funded tonnes from market share reconciliation is included. When a WEEE flows approach is taken the effective collection rate is >60%. See WEEE Flows section below.

Total **57%***

² based on allocated 6 category data for 2018 as prior to 2019 reporting of placed on the market data was done in 10 categories.

Collection Challenges & Restrictions

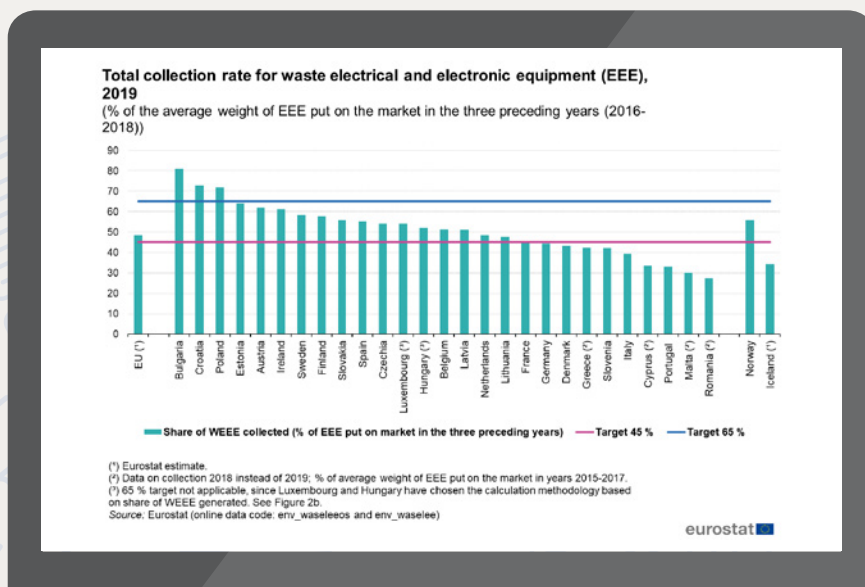
The collection and treatment of WEEE was classified as an “Essential Service” under Government Guidelines and WEEE Ireland with the assistance of our operational contractors were able to carry out most collection and treatment activities during 2021. The majority of WEEE appliances were collected from Local Authority Civic Amenity Sites, Electrical Retail Stores and Waste Industry Facilities and as they were also deemed as “Essential” Retail and Services, the Scheme worked with its contractor partners to limit any disruption in their collection activities. Where some other public facilities and institutions were required to close, collections from these sites were suspended along with Public Collection Day events until those restrictions were lifted in September.

The continuing prevalence of CV-19 during 2021 gave rise to operational challenges and altered work practices. Key elements involved managing virus outbreaks with treatment site operatives and collections personnel, treatment operatives working in pods with no overlapping of shifts and maintenance of social distancing at all facilities. However, the additional requirements did give rise to reduced processing throughput and lower material handling efficiencies. Close working arrangements between the WEEE Ireland Operations Team and its collection and treatment contractors limited any disruption to activities and service levels were maintained throughout the year.

Benchmark & Breakdown of the Targets

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 2020 WEEE Ireland ranked 2nd out of 16 countries compared for WEEE collection rates³.

Falling WEEE collection rates in Ireland directly relates to increased consumption which is now closer to European norms than in the past – supply and sale of EEE onto the Irish market has increased significantly with our Members increasing the weight of reported EEE placed on the market by 50% since 2016⁴.



According to Eurostat in 2019, the collection rate of WEEE was only 48.5 % in the European Union⁵.

³ <https://weee-forum.org/key-figures/>

⁴ Based on annual PRL Blackbox data provided to WEEE Ireland Scheme

⁵ https://ec.europa.eu/eurostat/statistics-explained/index.php?title=Waste_statistics_-_electrical_and_electronic_equipment



WEEE Flows

Mapping WEEE Flows & Distance to Target

In 2021 WEEE Ireland achieved a direct collection rate of 54%, rising to 57% when funded tonnes from Scheme market share reconciliation is included. This distance to the target is despite collecting more WEEE than ever before in a calendar year. Our adjusted WEEE Flows collection rate however is above 60% when corrected for various factors. There are several challenges relating to WEEE collection target achievement to be reviewed for 2022:

Reconciliation

Due to increasing Market Share WEEE Ireland now represents 78% of the Producer B2C market however its designated collection area is less than 75%. An additional 2,000 tonnes of WEEE were reconciled from the smaller WEEE Scheme in Ireland to readjust this imbalance and an increase in collection area will be sought from authorities during 2022.

Increasing POM

The rate of EEE consumption in Ireland has continued to increase year on year from a much lower base of kg per capita compared to other EU Member States. Ireland is now approaching European norms of ~22 kg/head POM compared to ~16kg per head in 2016

Pandemic Restrictions

During 2020 and 2021 restrictions on Public Collection Days limited these takeback events and the associated WEEE tonnes that could be collected from communities, many without local retailer or CA site collection points.

Other WEEE Flows

Local Authority and Retailer Collection Points are mandated to handover WEEE and waste batteries to Producers, Schemes and Operators working on their behalf. However other flows of WEEE and waste battery material in Ireland are missing or not counted within the authorised system.

Through Membership of the WEEE Forum and participation in taskforces dedicated to this subject, as well as practical experience in Irish operations, WEEE Ireland can present some additional evidence around the flow of WEEE and target achievement. During 2021 work continued reviewing the available data in Ireland to support a WEEE Flows reporting model based on detailed studies undertaken in other Member States⁶.

⁶ https://weee-forum.org/wp-content/uploads/2020/11/In-depth-review_WEEE-Collection-Targets-and-Rates_UNITAR_2020_Final.pdf

“

It is concerning that despite continued advancements in WEEE collection and recycling infrastructure and rising awareness among citizens across Europe, almost none of the countries achieved the 65% minimum collection rate in 2019. We believe the targets are not fit for purpose. Furthermore, the WEEE Forum has put questions to the statistical offices of the European Commission about some of the data submitted given the limited WEEE system activity present in some countries reporting very high collection figures.”

Pascal Leroy, WEEE Forum





CURRENT REPORTING MODEL	TONNES	%
POM	70,804	100%
TARGET	46,023	65%
DIRECT COLLECTIONS RATE	38,464	54%

Using a WEEE Flows approach the Effective Target = 65% - 5% PV - .49% ExportEEE = ~60%

WEEE Ireland Achieved = 54% direct collection + 3% funded + 8% EEE2WEEE substantiated estimate ¹¹ = ~65%

WEEE Flows	TONNES	Impact on Takeback Rates
Funded Tonnes*	2,156	+3%
EEE2WEEE ⁷	5,869	+8%
TOTAL		65%

Available for Collection	TONNES	Impact on Takeback Tonnes	Impact on AFC
PV ⁸	3,496	+3.25%	-5%
EEE EXPORT ⁹	341	+0.49%	-0.5%

Areas for Review	TONNES	Impact on Takeback Rates	Impact on AFC
WASTE BIN ¹⁰	5207	7%	
REPAIR & REUSE	To be determined but potential to document Producer and end-user Reuse and Repair		-10%

⁷ Yvonne Ryan-Fogarty, Katherine Casey, Damian Coughlan, Maria Lichrou, Lisa O'Malley, Colin Fitzpatrick, An Investigation into WEEE Arising and Not Arising in Ireland (EEE2WEEE), 2021

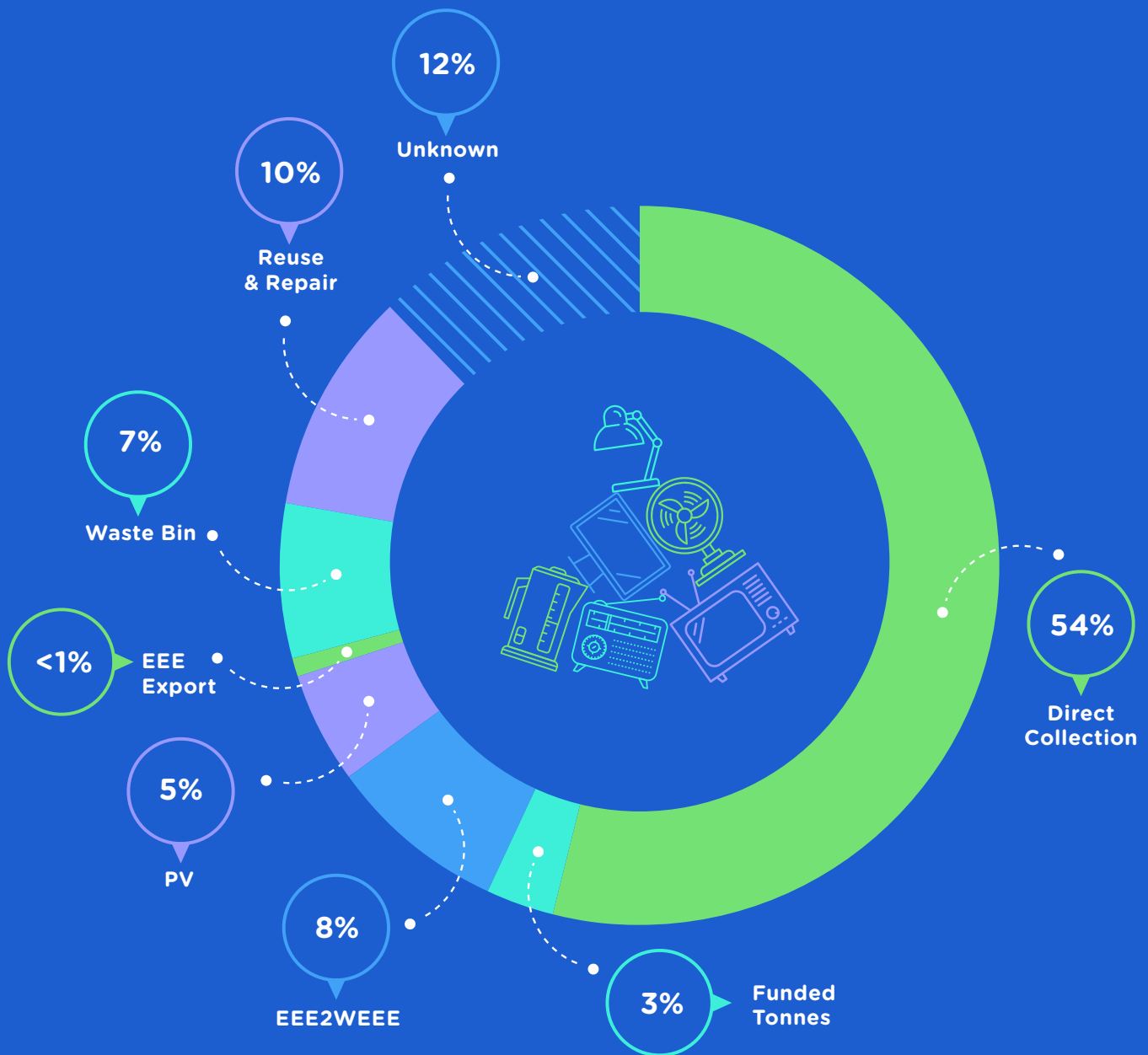
⁸ Yvonne Ryan-Fogarty, Katherine Casey, Damian Coughlan, Maria Lichrou, Lisa O'Malley, Colin Fitzpatrick, An Investigation into WEEE Arising and Not Arising in Ireland (EEE2WEEE), 2021

⁹ Kathleen McMahon, Chidinma Uchendu, Colin Fitzpatrick, Estimating the Quantity of Electrical and Electronic Equipment (EEE) Exported from Ireland As Used EEE, EPA Research Report, 2021

¹⁰ EPA Waste Characterisation Study, 2018

¹¹ Yvonne Ryan-Fogarty, Katherine Casey, Damian Coughlan, Maria Lichrou, Lisa O'Malley, Colin Fitzpatrick, An Investigation into WEEE Arising and Not Arising in Ireland (EEE2WEEE), EPA Research Report, 2021

WEEE Ireland WEEE Flows



While there is considerable data available regarding the amount of EEE and Batteries placed on the Irish market on annual basis as well as waste management reporting from Schemes and Operators to EPA and Local Authorities, other data is not readily available nor accurate enough for use.

The Scheme proposes a data review forum is convened for WEEE and Battery Monitoring in Ireland that reviews reporting on a shorter timeframe than the current Eurostat data cycle and WEEE Ireland will support studies alongside other stakeholders to close the information gap on the distance to target in Ireland.



Mapping Adjusted WEEE Flows for WEEE Ireland could include:

1. Reconciliation Scheme funded tonnes
2. Removal of PV POM data
3. Substantiated Estimates for WEEE Arising in Scrap Metal Recycling in Ireland
4. WEEE and Waste Batteries arising in residual waste from EPA waste characterisation studies
5. Exported EEE for reuse and refurbishment
6. Statistics on Preparation for Reuse and Reuse by Producers and Operators in Ireland
7. Statistics on Waste Prevention through Repair by Producers and authorised Repair Professionals

New Reporting Models

Is a 65% linear target still fit for purpose? This is a question for consideration under the forthcoming 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




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. ”

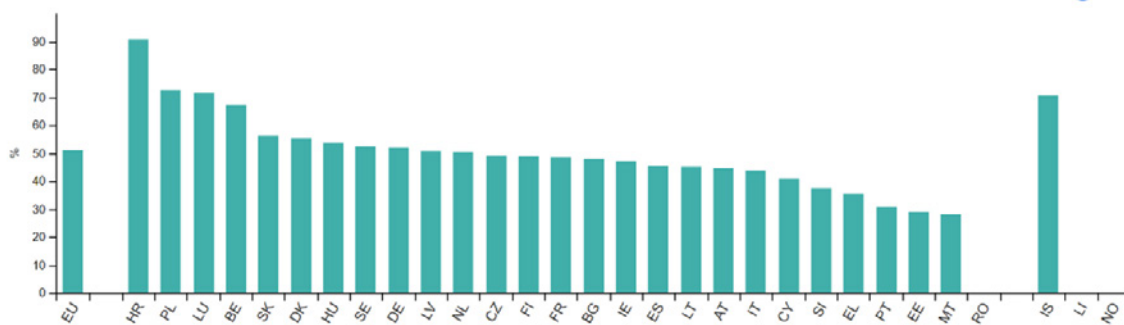
EUROSTAT 2022

Benchmarking

 **Tweet** In 2019, 51% of portable batteries sold in the EU were collected for recycling.

 **Tweet** In 2019, 205 000 tonnes of portable batteries were sold in the EU; 100 000 tonnes of used portable batteries were collected as waste to be recycled.

Portable batteries and accumulators collected for recycling, EU, 2019



Romania, Liechtenstein and Norway: 2019 data not available
Source: Eurostat (online data code: emv_waspb)

eurostat

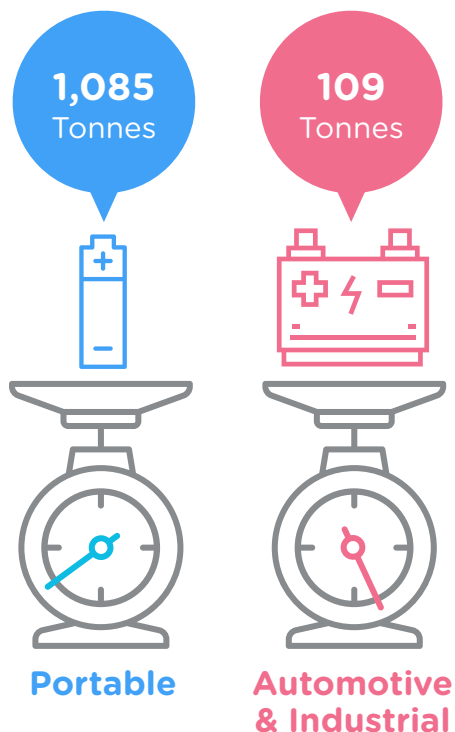
12

¹² https://ec.europa.eu/eurostat/statistics-explained/index.php?title=Waste_statistics_-_recycling_of_batteries_and_accumulators

Collections by Battery Type



“ In 2021 WEEE Ireland achieved a 46% waste portable battery collection rate on behalf of Members, once again surpassing the EU target of 45%¹³. ”

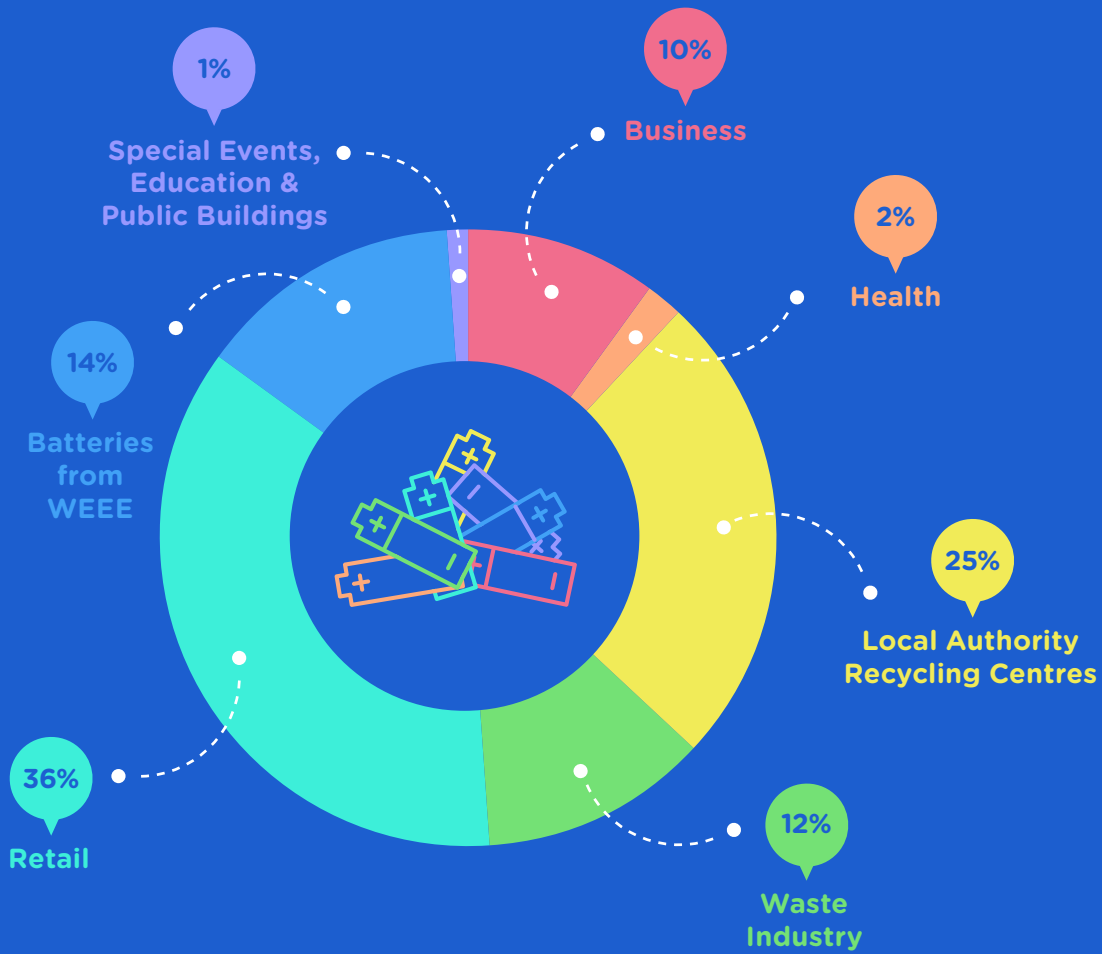


1,085 tonnes of portable batteries is the equivalent of

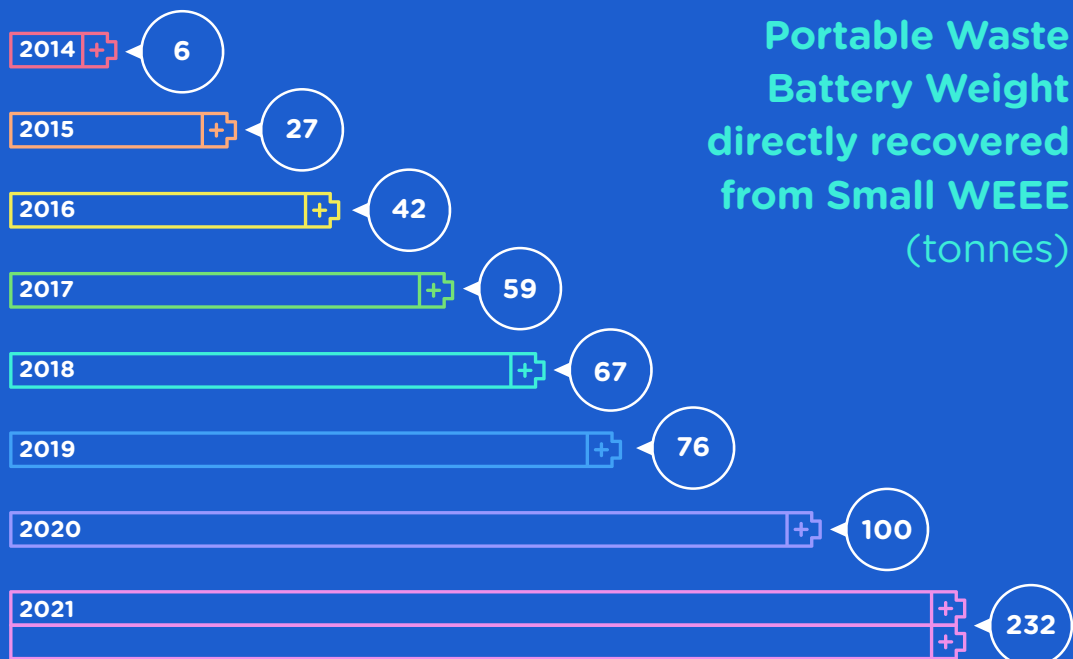
54 million
AA batteries

¹³ 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: $\text{Collection rate } y_i = \text{PWB collected}_i / ((\text{PoM } y_i + \text{PoM } y_{i-1} + \text{PoM } y_{i-2}) / 3)$.

Portable Battery Collection Point Data



Batteries in WEEE

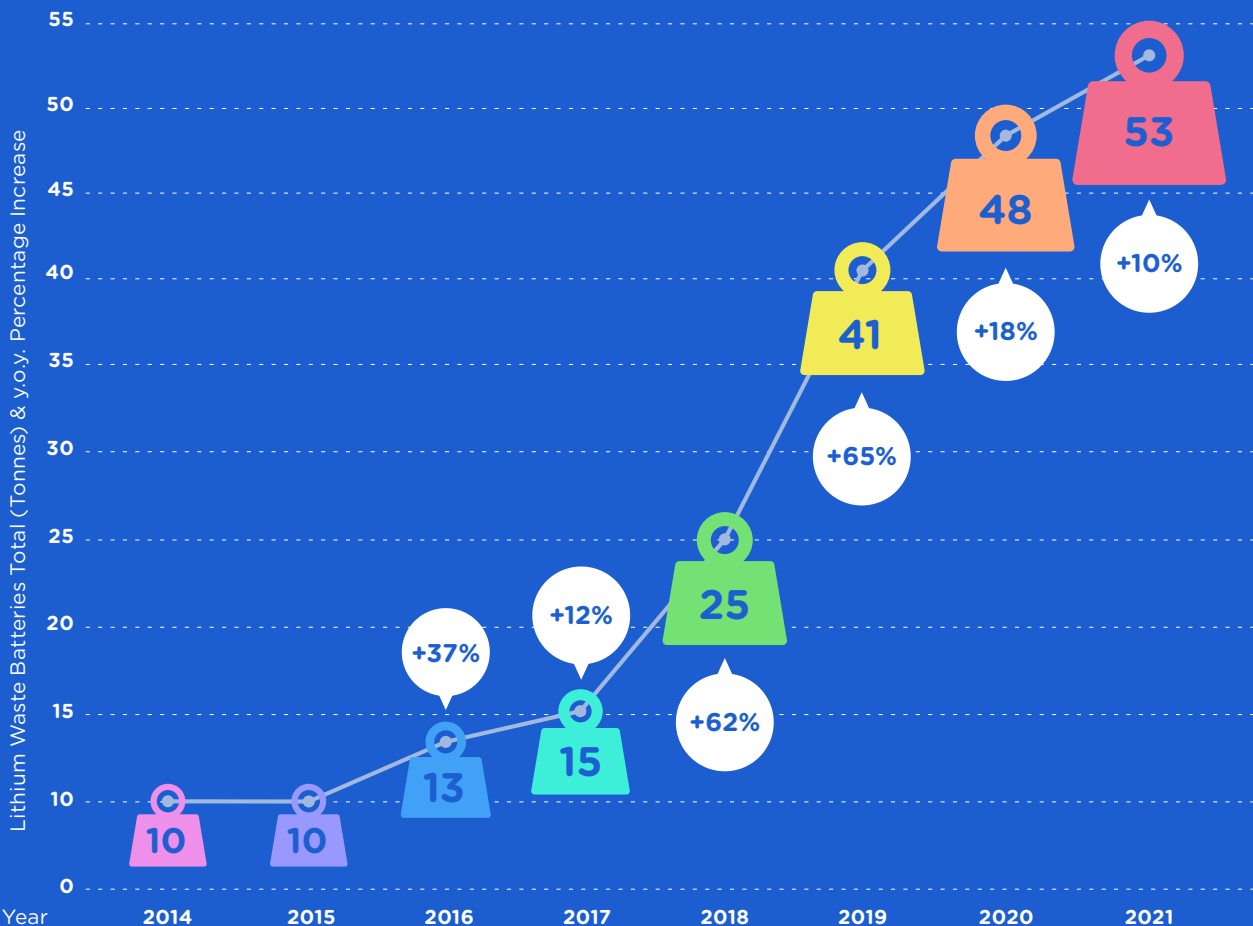


Portable Waste Battery Weight directly recovered from Small WEEE (tonnes)

From Lead to Lithium

The rapid change in technology powering devices, mobility and energy provision in the last decade has also resulted in accompanying advances in the batteries used to power this change. This is becoming evident in the changeover in battery types and chemistries being placed on the Irish market and the end-of-life waste batteries seen in the WEEE Ireland collection stream. While lead acid batteries continue to be the largest cohort of batteries reported as POM, there have been marked increases in lithium batteries supplied and arising in the waste stream in recent years.

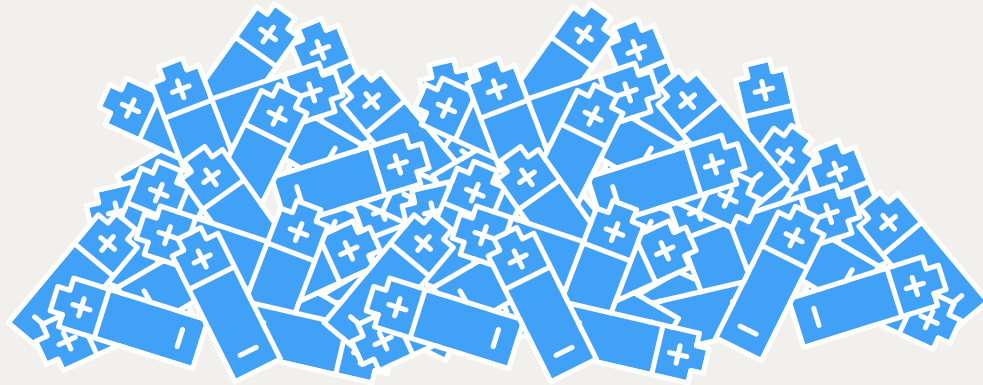
Building capacity and cost-effective solutions for circular management of these high-energy batteries when they reach the end of their first life-phase is important to WEEE Ireland and our recycling partners, fuelling the Scheme's interest in R&D projects in this area and involvement with EUCOBAT technical working groups.



Changing Times; New Battery Services

- 'Lithium proofing' collection programme
- R&D development at KMK
- Increased merchandise activity for portable batteries to keep up with demand
- Automotive and industrial end-of-life solutions for electric vehicles, e-scooters etc

Electric vehicle batteries that arise in the ELV or WEEE/Battery system having reached the end of their first life phase in Ireland are all managed through KMK Metal Recycling Ltd and prepared for careful shipment to onward treatment specialised facilities in Europe. The WEEE Ireland Battery team have worked with KMK through 2021 to build knowledge and capacity for the long-life lithium batteries sector.



Changing Times; New Battery Services



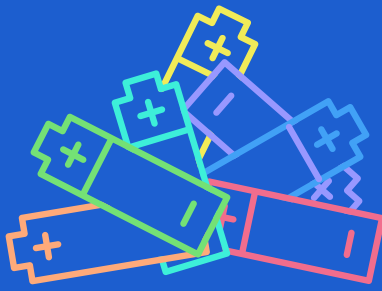
WEEE Ireland represented Battery Producers Members on the DECC Battery Advisory Group during 2021, providing and feedback from Members, alongside other stakeholders, for Irish input into the development of new European Battery Regulation, expected for publication in Q1 2023. The team also worked alongside colleagues in EUCOBAT developing position papers on behalf of Battery Compliance Schemes on key aspects of EPR and waste battery management including the importance of the **Available for Collection** calculation methodology when setting targets for Waste Battery Collection Rates.

The new Battery Regulation is changing the context of the Battery Sector in Europe

From directive to regulation:

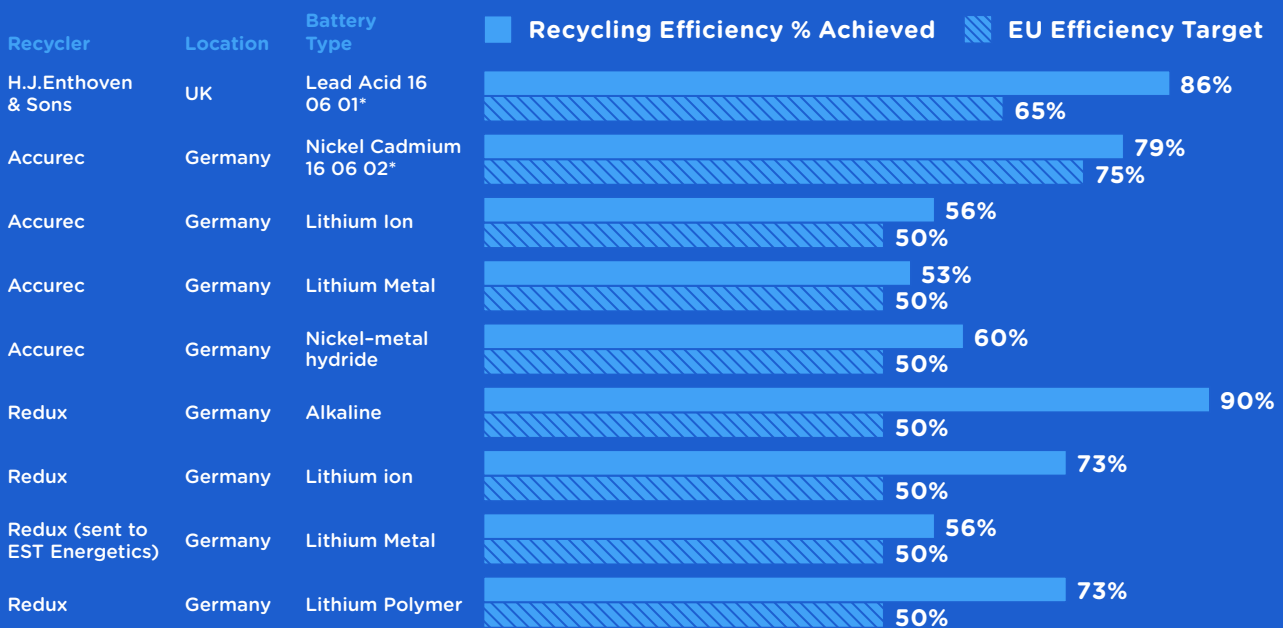
1. Extended Producer Responsibilities
2. Higher collection targets for portable and LMT categories, and review of the calculation methodology
3. New market dynamics with remanufacturing and repurposing
4. Labelling of batteries
5. Removability of Batteries
6. Recycling of batteries
7. Visibility fee and financing guarantees
8. Battery passport





Resource Recovery Results

WEEE Ireland Battery Recycling Efficiency Report 2021



WEEE Ireland WEEE Recovery Rates 2021

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 94% of material across the WEEE categories was recovered for use again in manufacturing or final energy recovery.

Across all categories
~82% of material was recycled and a ~94% recovery rate achieved.

Temperature
Exchange
Equipment







Screens

Lamps

Large
Equipment

Small
Equipment

Small
IT&T

Category	1	2	3	4	5	6
Description						
EU Target Component Material Recycling & Reuse	80%	70%	80%	80%	55%	55%
WEEE Ireland Component Material Recycling & Reuse	82%	74%	92%	81%	75%	82%
EU Target Recovery Rate	85%	80%	n/a	85%	75%	75%
WEEE Ireland Recovery Rate	98%	96%	93%	93%	87%	93%

Environmental Footprint



“ We cannot fix climate change unless we transform the whole economy. The circular economy is a key part of the solution to tackle climate change and to fulfil the objectives set out in the Paris Agreement. ”
[ukCOP26.org](https://ukcop26.org)¹⁴

In 2021 the Irish Climate Action Plan emphasised the importance of circular economy and resource efficiency in our national response to the Climate Crisis, which was highlighted on a global scale in concerning outputs from COP26.

“ The circular economy and climate action are also inherently interlinked... Ireland’s material consumption is well above the EU average, indicating that there is scope for savings in GHG emissions through maximising the efficiency of our material usage. ”

[Climate Action Plan 2021](https://www.gov.ie/en/publication/6223e-climate-action-plan-2021/)¹⁵

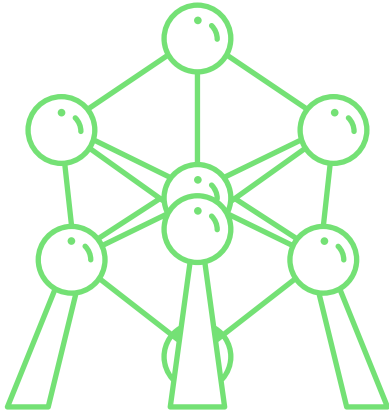
¹⁴ <https://ukcop26.org/events/fix-the-economy-to-fix-climate-change-the-role-of-the-circular-economy/>

¹⁵ <https://www.gov.ie/en/publication/6223e-climate-action-plan-2021/>

In 2021, the equivalent of 231,179 tonnes of CO₂-eq. 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 4,624 hectares of trees¹⁶.

The WEEE collected by WEEE Ireland for recycling in 2021 has recovered:

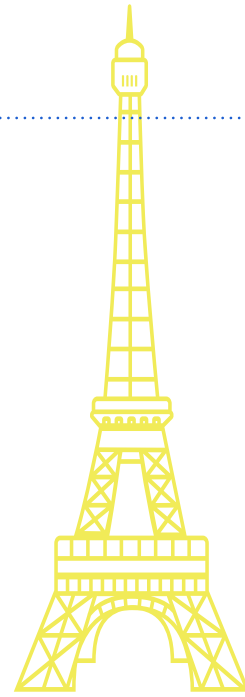
20,702 tonnes of Iron.
This is equivalent to



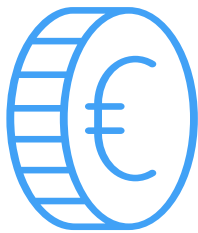
8.63 Atomiums
in Brussels

or

2.84 Eiffel Towers
in Paris



852 tonnes of Copper.
This is equivalent to



**151,503,367
€1 coins**

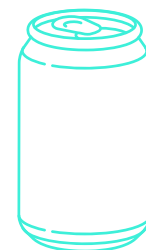
or

9.47 Statues of Liberty
in New York



968 tonnes of Aluminium.

This is equivalent to
64,527,736 cans¹⁷



¹⁶ based on average yearly uptake of CO₂ of a hectare of Pinus Halepensis

¹⁷ Building the tower required 7,300 tons of iron. Source: <https://www.livescience.com/29391-eiffel-tower.html>

The Atomium weighs 2400 tonnes. Source: <http://atomium.be/360.aspx>

The statue of liberty used ~90 tonnes of copper.

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

A 1 euro coin contains 5.625g of copper. Source: <http://copperalliance.org.uk/applications/coinage/copper-and-the-euro>

Average weight of a 33 cl can is 15 grams

Partnership

WEEE Ireland Collection & Direct Treatment Partners 2021

WEEE Ireland Direct Recycling Contractors

KMK Metals Recycling¹⁸

Location

Tullamore Co. Offaly and Kilbeggan Co. Westmeath

Key Operating Area

WEEE & battery collection & recycling

Irish Lamp Recycling¹⁹

Athy, Co Kildare

Nationwide lamp collection & recycling

Logistics & Hub Contractors

Caulfield Transport

Location

Little Island, Cork

Key Operating Area

WEEE collections

Newsread

Citywest, Dublin

Battery merchandising & collections

Recycle IT

Clondalkin, Dublin

Social Enterprise, Kerbside collection, Dublin area

Pilot Programme Partnership

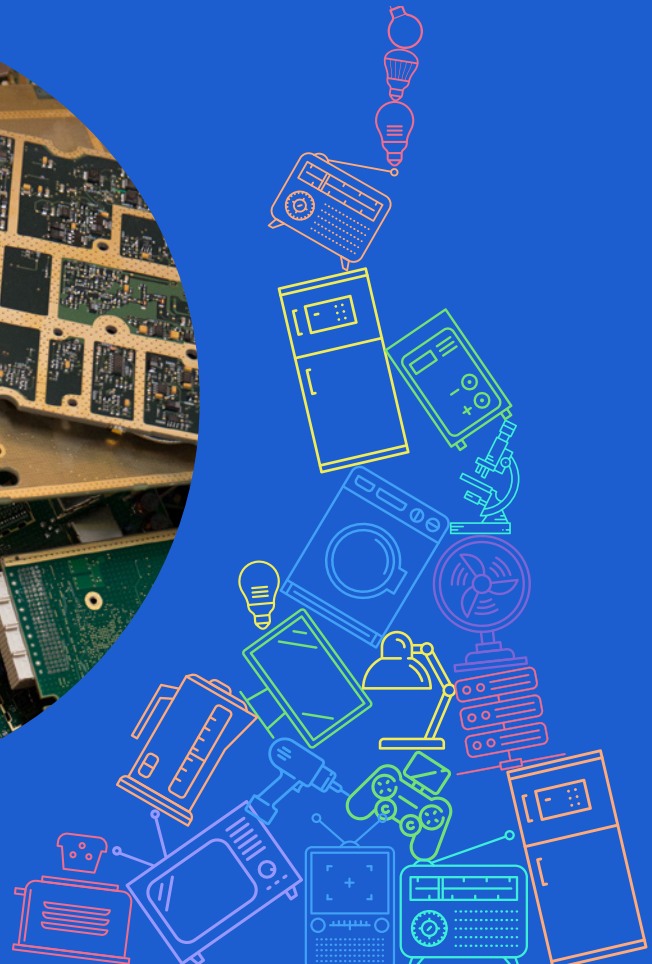
Wisetek²⁰

Location

Dublin Hill, Cork

Key Operating Area

IT & T



¹⁸ Certified to WEEELABEX quality treatment standard

¹⁹ Certified to WEEELABEX quality treatment standard

²⁰ Certified to WEEELABEX quality treatment standard

Quality Management of WEEE

During 2021 a key focus for the WEEE Operations team was improving the presentation of WEEE at Collection Points to maintain Health & Safety protocols and reduce non-WEEE contamination in the takeback material.

There continued to be investment in infrastructure - containers - through repair, maintenance, and replacement to ensure quality takeback solutions for collection point end users.



Partnership - AEW

In 2021 WEEE Ireland partnered again with Association of Electrical Wholesalers to promote takeback of waste lighting equipment among its members.



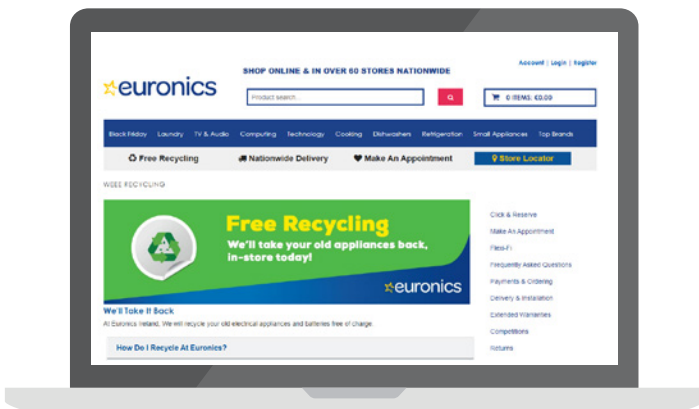
Collection point engagement

During the year the Operations Team continued to connect with retail and Local Authority collection points using remote communications where required to maintain contact and support their WEEE activities despite ongoing restrictions. A detailed schedule of meetings and collateral sharing was undertaken with each Retail group and Local Authority throughout the Scheme's designated collection area. With the support of the EPA and WERLA officers the Waste Industry Sector was a priority for the Operations Team with the objective of diverting e-waste from the general waste stream and back into the WEEE Scheme reported system.



Retailer takeback programme

WEEE Ireland works with a core group of electrical retailers who deliver the majority of tonnes to the retailer takeback programme, to streamline operations and work with them on new reverse logistics and distribution hub collection solutions where possible. A small increase in tonnes was seen from this sector in 2021. The Scheme continued to encourage the promotion of WEEE by retailers as a customer service offering.



New Manual

A new manual for Collection Points outlined best practice and guidance for takeback, storage and segregation of WEEE material for uplift, and was disseminated throughout the Scheme's collection network during the year.



WEEE Standards

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

During 2021 the European Commission published its study on quality standards for the treatment of WEEE²¹.

The study supports the Commission in view of possible changes on the requirements of Articles 8(5) and 10(2) and proposed that either a proof of compliance with specific international standards for WEEE treatment or a declaration of conformity with the treatment requirements under Directive 2012/19/EU issued by a third-party verifier are required.



[Image courtesy of KMK Metals Recycling]

“As leaders in the electronics and metals recycling industry in Ireland, KMK Metals Recycling are constantly reflecting on our current practices and looking towards the future to determine what will be required to demonstrate leadership in how companies should sustainably operate. We believe that the internationally recognised industry standards we achieve are what set us apart, and provide quality and assurance for our customers, contractors, employees and environment.”

KMK Blog Post, September 2021

Audit & Review

During 2021 Irish Lamp Recycling and KMK Metals Recycling provided the Scheme with recertification details and results from their CENELEC audits to the standard. The Scheme commissioned an experienced WEEE auditor to carry out reviews and inspections on downstream facilities in the UK where such treatment cannot be carried out in Ireland. Pilot reviews on CENELEC standard treatment for LHA in Ireland were also undertaken in 2021 and proved successful.

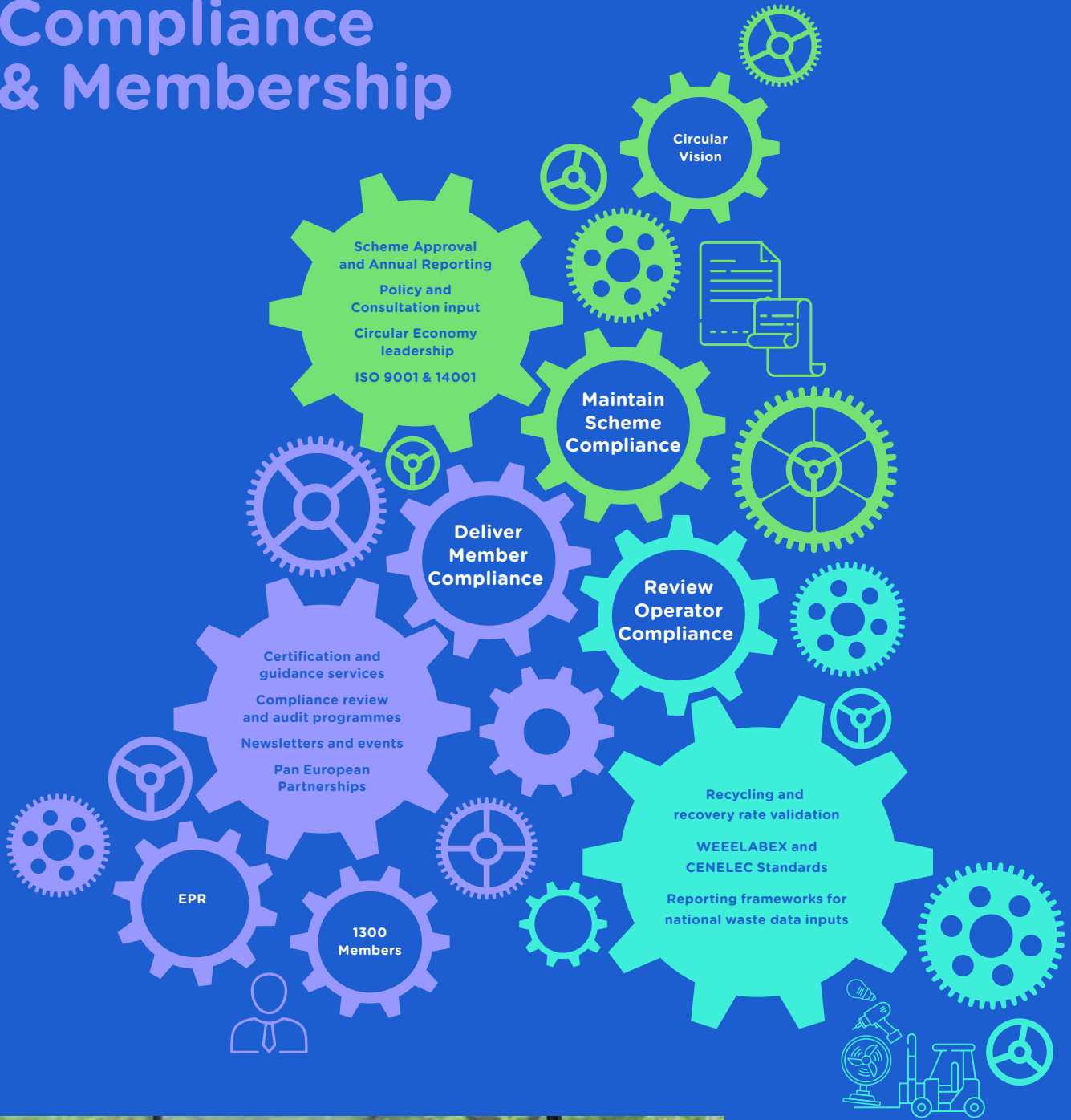
In-house surveillance reviews are carried out by WEEE Ireland on all direct contractor and sub-contractor operators to validate recovery and efficiency rate reporting, secure information on permitting and licensing, as well as details on associated inspections and third-party audit results.



²¹ <https://op.europa.eu/en/publication-detail/-/publication/2004b067-726a-11eb-9ac9-01aa75ed71a1/language-en/format-PDF/source-192249614>

Membership & Market Share

Compliance & Membership



Membership & Compliance Team (l-r)

Elise Finidori
Compliance Executive,

Beryl Gilmore
Senior Membership Executive,

Caroline Corbally
Membership Administrator,

Elizabeth O'Reilly
Head of Environmental Compliance & Membership

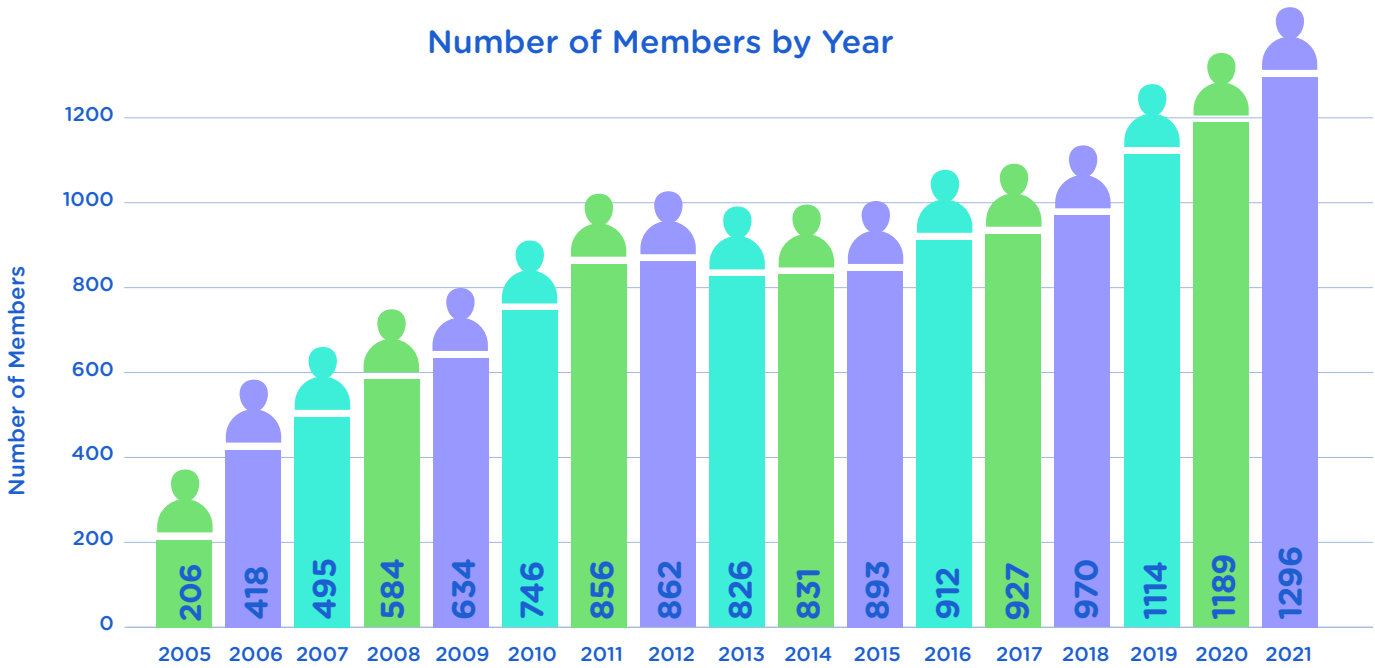
Membership Results

“ By 31 December 2021 WEEE Ireland had 1296 Members, including 154 new Producers who registered with the Scheme during the year. ”

166 Members of the WEEE Ireland Scheme had Authorised Representatives in place, enabling European manufacturers and importers to deliver on their Producer responsibilities in Ireland.

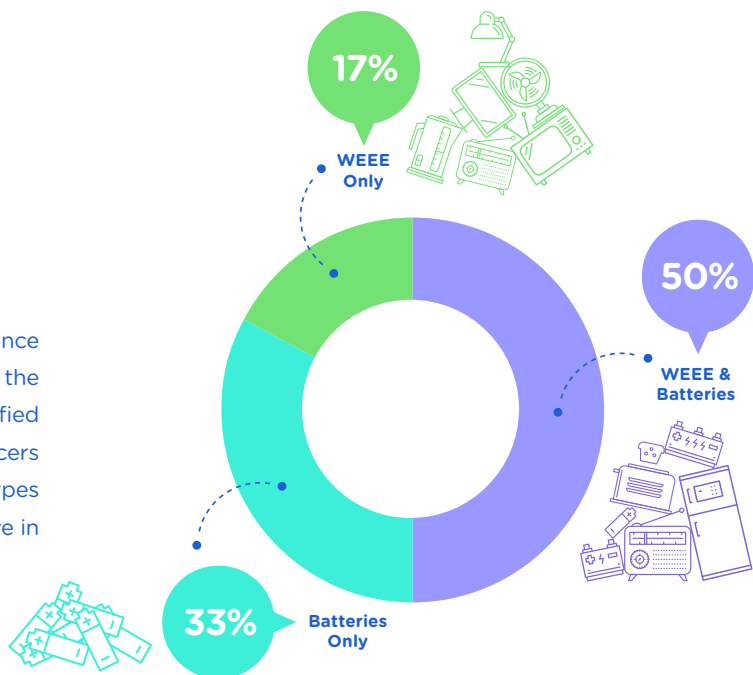
49 Producers deregistered in 2021 because of mergers, take overs or exiting the marketplace.

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.



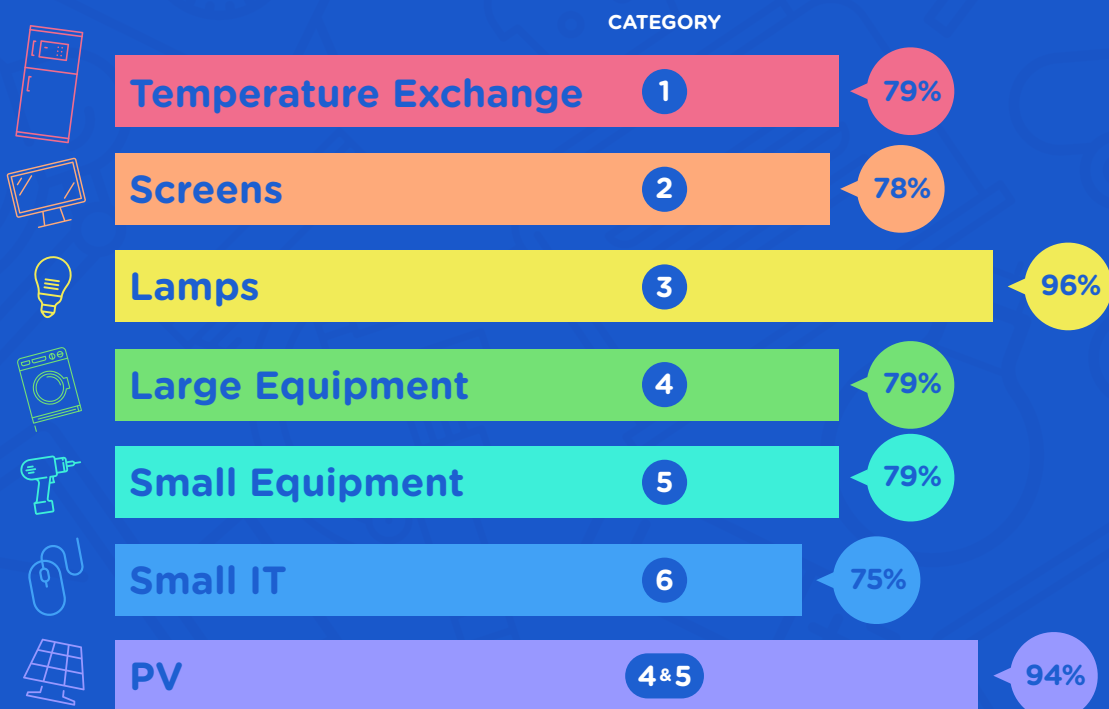
WEEE Ireland Majority Market Share

WEEE Ireland continued to be the EPR Scheme of choice for Producers in the Irish market in 2021 with a significant majority market share across all categories of EEE and Batteries.

Market Share



New WEEE Categories Market Share



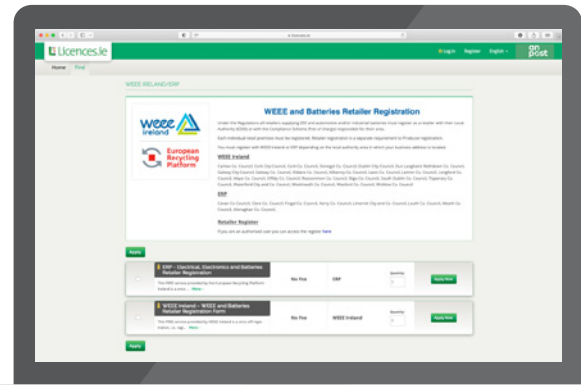
Compliance Reviews & Audits

During 2021, over **260** compliance reviews were carried out across all types of Producer Members. For the first time we piloted working with Financial Audit sub-contractors to support the compliance review function. This supported the Compliance & Membership team to continue their focus on Membership Engagement across the different categories and types of organisations that joined or applied to join the Scheme during the year.



Retailers

By 31st December 2021 there were 8110 retailers registered with the Scheme, including 200 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

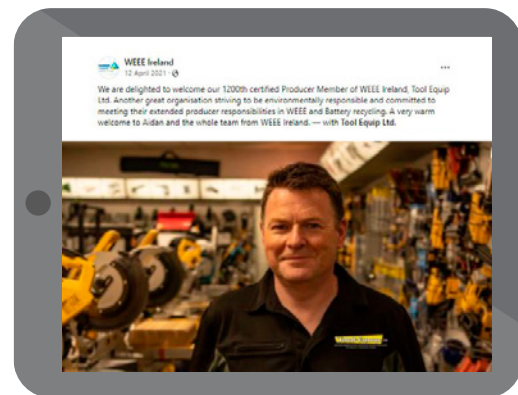
WEEE Ireland's Compliance and Membership team support the collective Scheme ethos by offering streamlined and online compliance services to its members. Applications for joining or renewing membership with the Scheme, certification, as well as exchange and signing of documents are all carried out online. Bi-monthly newsletters, webinars, information on our website, social media posts and direct mail communications kept Members up to date on WEEE and Battery news and developments during 2021.



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.

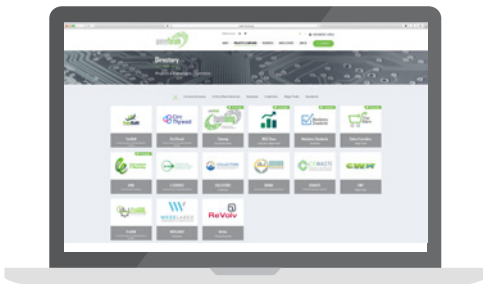


During 2021 the Scheme was delighted to welcome our 1200th Member Tool Equip Ltd.

Pan European Partnerships

Throughout 2021 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. The recent advancement of the PV marketplace in Ireland is supported through WEEE Ireland's connection with PV Cycle, who have significant expertise and experience in this sector.

The WEEE Forum
www.weee-forum.org



WEEE Europe
www.weee-europe.com



Analysis & Consulting **Contract Coordination** **Product Categorization** **Declaration Platform**

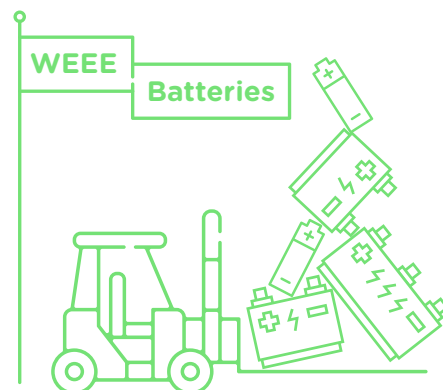
Eucobat
www.eucobat.eu



PV Cycle
www.pvcycle.org

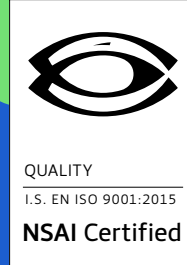


Reneos
www.reneos.eu



Environmental & Quality Standards

In 2021 WEEE Ireland successfully underwent audit for recertification to ISO 14001 and ISO 9001 standards as part of the Schemes 'best in class compliance' ethos.



Risk Register

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.

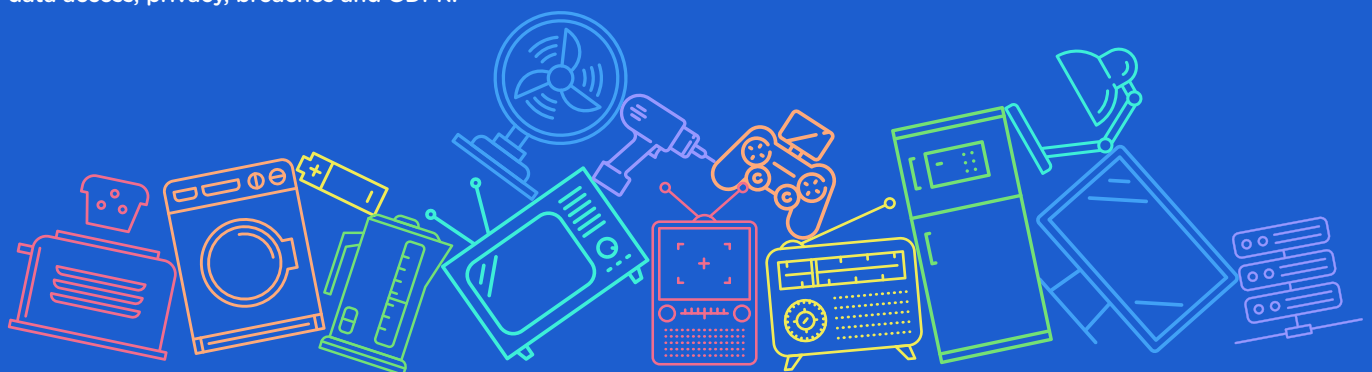
Green Procurement

During 2021 as part of QEMS implementation, a review of Green Procurement was undertaken, and input provided to the Directors' Procurement Committee aligned with the publication of EPA GPP guidance. An initial working programme on Modern Anti-Slavery Policy Development was initiated as a priority and a supplier policy review on this aspect was undertaken by the Compliance Team DPO and the Finance Manager. A second stage, reviewing Green Procurement policies of suppliers to the Scheme, is planned in 2022.



GDPR

Policies were updated and new policies developed in 2021 in response to continuing requirements for checks and controls on data access, privacy, breaches and GDPR.







WEEE Communications

The Communications Challenge

“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 2017-2022 DCCA

Overview

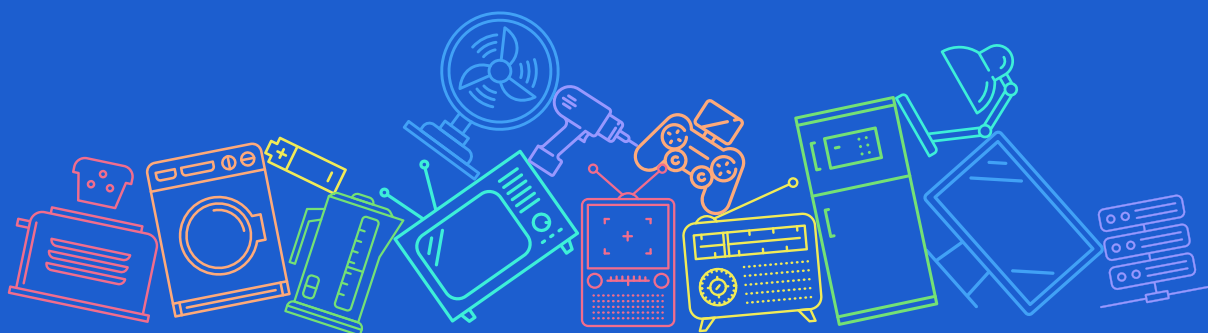
As 2021 commenced with continued lockdown restrictions, WEEE Ireland communications strategy remained focused on connecting with householders through targeted public relations, digital and social media.

As the year progressed and ever-increasing tonnage take back challenges came to light, communications required a redoubling of efforts to support the Schemes increased goals.

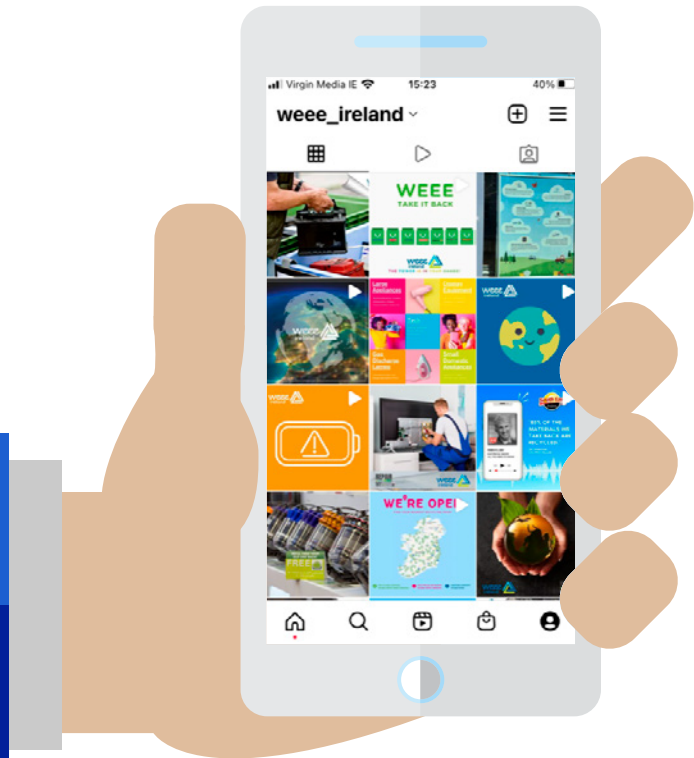
Using data analysis from areas such as takeback tonnage, placed on the market figures and public waste disposal findings – key areas of concern were identified. Strategic targeted communications initiatives were created to educate the public on issues of the growing e-waste challenge and increased consumption of electrical goods, improper disposal and hoarding of e-waste.

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 encouraging education and practise 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.



2021 Reach & Engagement



32,000+

Social Media Community



60 Million+

times members of the public saw or heard our #RecycleForGood message



25 Million

Audience Reach from Public Relations Coverage Achieved



100%

Positive Brand Sentiment



Communications Strategy - Public Awareness Drive

Highlights

What a waste!

Mounting data and research findings continued to highlight that improper disposal or 'binning' of electricals was increasingly contributing to the e-waste challenge in 2021.

A recent EPA Waste Categorisation Study Report showed substantial amounts of WEEE items – more than double the amount reported a decade ago – being incorrectly disposed of in household rubbish bins. As more of us integrated our home and working lives because of the pandemic, the demand for both small and large electrical items reached record levels – from TVs, monitors and microwaves to kettles, coffee machines, lamps and fitness equipment.

However, often these defunct devices and appliances are forgotten about, or we delay recycling the older broken items to make way for new ones. For convenience, we may even mistakenly throw them in the rubbish bin or a skip during a clear-out at home, without giving much thought to the damage this can do to our environment.

To highlight this growing issue, WEEE Ireland developed key national awareness campaigns 'Don't Bin' and 'Binning is Sinning' which ran across radio, digital and social media throughout the year. The campaigns called on the public not to throw their end-of-life e-waste in household bins, but instead adopt the positive practise of free e-waste recycling. Ensuring the valuable resources contained in these products could be recovered for use again in manufacturing, contributing to more circular economy to help tackle climate change and protect our environment.



Members of the public were directed to use the hundreds of free e-waste recycling drop off points around the country through our map on weeeireland.ie. The campaign assets were shared with comms teams in Local Authorities and participating electrical retail partners of the We'll Take it Back Programme to further amplify and extend the reach of the messaging across their social and community networks.



Irish Supermarkets leading the charge in battery recycling!

To coincide with Earth Day in April, WEEE Ireland called on the public to gather old batteries for recycling and avoid dumping them in bins, from where they end up in incinerators, meaning precious metals are lost for good.

Highlighting the power of the WEEE Ireland blue battery box recycling programme – we confirmed that almost six million batteries were recycled through five supermarkets in 2020 as more people used their grocery shop to do their bit for the planet.

WEEE Ireland collected half of the huge haul from Aldi Stores, which led the charge with 3.2million used batteries recycled.

1.6million used batteries were also collected during this period from Lidl, 850,000 from Tesco and 224,000 from SuperValu, while Dunnes Stores prevented 97,000 ending up in landfill. In total, the equivalent to 21million AA battery were recycled by householders across 2020 through retailers and civic amenity sites - an average of four for everyone in Ireland.



Despite the encouraging data, the findings showed for every 10 AA batteries sold, it was reported that only four were being returned for recycling, with 20% in a recent survey admitting to dumping used batteries in general waste bins.

“Earth Day was an opportunity for people to stop for a moment to think about how they can make a difference. Recycling batteries is as easy as taking them to your nearest supermarket or recycling centre and plays a huge part in helping protect the environment,” said Leo Donovan, CEO of WEEE Ireland.

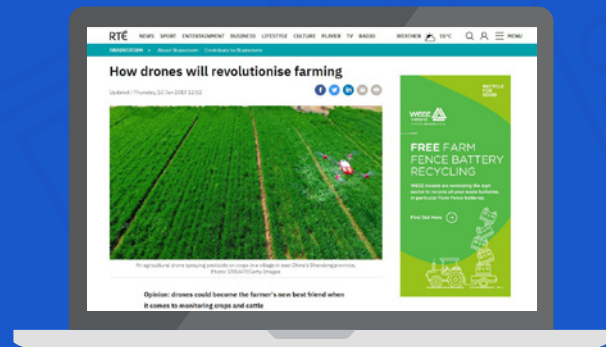
“Rolling lockdowns in 2020 saw people use more home grooming devices such as electric shavers, games consoles, remote controls, kids’ toys, power tools and fitness equipment – resulting in more batteries being used and many of these ended up in drawers.

“For the millions of batteries not recycled properly every year, we lose precious elements and important resources that could be used again in manufacturing. The hazardous material they release also has an impact on human health and our environment.”



Agri Sector Power Ahead with Battery Recycling

Throughout 2021 WEEE Ireland also continued our call to the Agri sector to support Farm Fence Battery Recycling. To spread this key sector message the campaign was issued across Agri sector focused press and online advertising and social media. Supporting materials and collateral were shared with Members and key retailers. The campaign highlighted the network of free take back points across the country made possible by support from participating retailers and Local Authorities Recycling Centres.



Every Moment Matters, Every Battery Counts

Every battery recycled with WEEE Ireland goes towards an annual donation to LauraLynn, Ireland's only children's hospice. As we marked 10 years of our charity partnership with LauraLynn in 2021, a further contribution of €40,000 was made for battery recycling achievements in 2020.

It brought to €480,000 the total amount WEEE Ireland has donated to LauraLynn since the partnership started – the equivalent of 23 overnight stays for children and their families every single year.

The donation, part of WEEE Ireland's Battery Directive, went towards providing much-needed overnight respite stays for dozens of children and their families this year as they navigate the added threats brought by Covid-19.

LauraLynn CEO, Kerry McLaverty shared "Congratulations to our partner WEEE Ireland on the success of their battery recycling campaign and the fantastic outcome achieved in 2020 despite the huge challenges that the year brought for all of us. This is a very special campaign that we are honoured to have been involved in for the last 10 years.

"The funds that we have received from WEEE Ireland as a result of the campaign have had such a positive impact on the children and families who need LauraLynn. The campaign also helps to raise awareness of our services and our ongoing need for support and donations as Ireland's only children's hospice".



LauraLynn also thanked everyone who took the time to recycle their batteries – adding that it may seem like a small thing, but for the children and families who need LauraLynn, and for the environment, it is huge and very impactful.

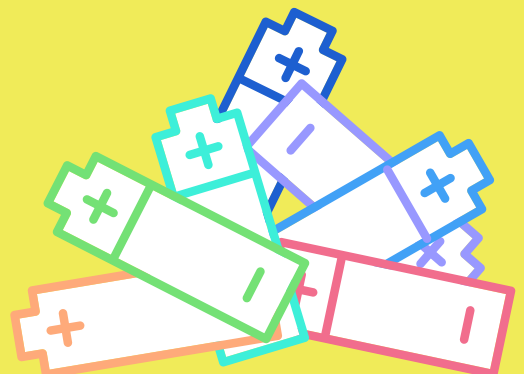


WEEE Pledge Battery Recycling Challenge for Schools

With the support of schools students and staff across the country, the WEEE Pledge Schools Recycling Challenge evolved during the pandemic to an at home activity, incorporated into the essential shop of families across the county. Teachers continued to use our bank of online educational assets for junior and senior cycles. Utilising lesson plans, activities and educational videos provided free online as part of the WEEE Pledge programme.

The free online resources demonstrate how schools can incorporate their WEEE Pledge Battery Recycling Challenge into their schools Sustainability Development Goals Programme, further developing the understanding and importance of being responsible for the environment and how their recycling efforts are making a real and lasting difference in each of their communities.

As schools returned in September, the decision was taken to further postpone our annual Schools Battery Recycling Challenge until Covid public health guidelines could fully support the activity again.





A light bulb moment about New EU Energy labels

A brand-new version of the widely-recognised EU energy label for light bulbs and light sources was launched in shops and online retailers from September 2021.

To prepare for new labelling, Solus Ireland hosted an informative webinar in May presented by broadcaster Jonathan Healy with panel of experts from government and compliance bodies including Minister Pippa Hackett, SEAI Programme Manager Tim Stokes and WEEE Irelands Head of Environmental Compliance & Membership, Elizabeth O'Reilly.

The most important change was a return to a simple A-G scale on energy labels because more and more products are now achieving ratings as A, A+ or A++ according to the current scale causing confusion for consumers. The new energy label would leave empty energy efficiency classes at the top of the scale for advancing technologies and to encourage manufacturers to develop more energy efficient products.

SEAI Programme Manager Tim Stokes said *“The energy labelling regulation for light sources and its sister regulation relating to eco-design will have an estimated combined energy saving of 42 terawatt hours per annum by 2030”*.



Webinar: Spotlight on Sustainability

An overview of **mandatory new EU Commission energy labelling requirements** for the lighting sector which will also impact retailers.
11am – 12pm 20th May 2021



Host:
Jonathan Healy
Broadcaster



Pippa Hackett
Minister



Tim Stokes
Programme
Manager
SEAI



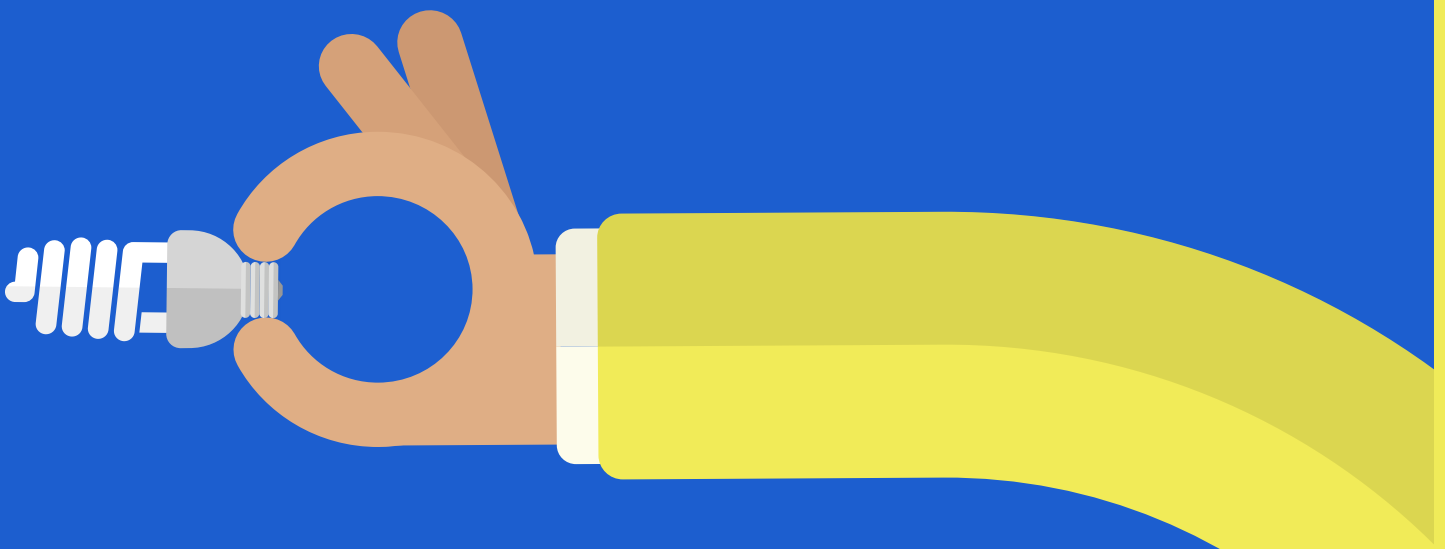
Elizabeth O'Reilly
Compliance &
Membership
Manager
WEEE Ireland



Helen O Dwyer
Solus







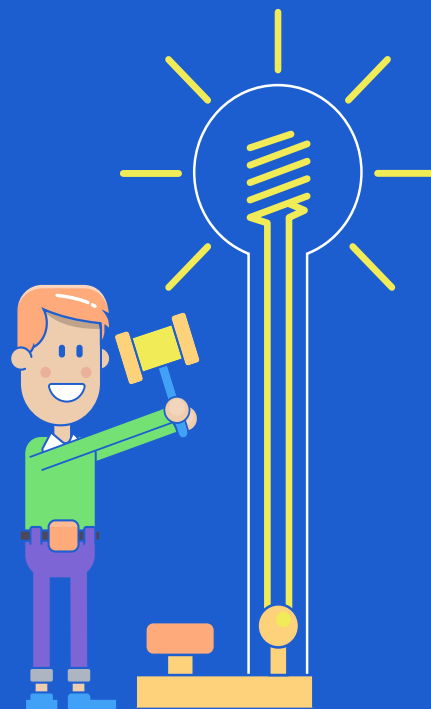
A further significant change is the introduction of a QR code. By scanning the QR-code, consumers can find additional information about the product model. By law, all energy labelled products on the EU market have to be registered in a new EU-wide database - European Product Registry for Energy Labels (EPREL).

WEEE Irelands Elizabeth O'Reilly was on hand to discuss new eco-design rules that are mandatory for almost all lamps sold in the EU. She highlighted *"3.2 million light bulbs were recycled in Ireland in their last full recorded year in 2019 and 38,000 tonnes of electrical waste was taken back from landfill for use in manufacturing again."*

The extensive new EU regulations are the result of nearly five years of negotiations and it will be mandatory for all manufacturers and retailers to comply. The new rules consist of the Single Lighting Regulation (SLR) and the Energy Labelling Regulation (ELR).

"We are in a time of transition to tackle climate change and create a new green economy. It is important that this change happens at a political level, at a corporate level and at a consumer level." said Minister Pippa Hackett as she commended Solus on taking a proactive approach to sustainability and the new regulations.

WEEE Ireland invited Members and Producers to attend this informative webinar in the lighting space and promoted the key message to media and across our social channels.



“100%
of waste lighting
equipment returned is
recycled here in Ireland
at Irish Lamp Recycling
in Kildare.”



Follow Your Lead!

To mark International E-Waste Day 2021 and Re-use Month, WEEE Ireland challenged families and householders across Ireland to become e-detectives for the month of October.

The challenge urged members of the public to find five end-of-life electrical items for recycling by following the electrical leads and cables to identify hoarded devices that beyond repair around their homes.

Smartphones were set to be high on the hitlist with EU data showing they are the most unused and hoarded electrical items lying around homes.

Irish homes contain an average of 15 to 20 electrical items which are broken or unused, according to WEEE Ireland. And new EU data indicates that each person is responsible for an average of 5kg of hoarded electrical waste – meaning 15-20kg of old and broken appliances are waiting to be recycled from most households.

“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.

“We challenged families to find at least five items and free up these 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. By asking people to follow the leads and plugs to these defunct devices sitting in cupboards, attics, sheds, under beds and stairs, the components and resources contained within this equipment can be re-used again in manufacturing. By turning it into a family challenge, everyone had some fun while taking positive environmental action."

As a nation, we are consuming more electrical goods than ever before. Almost 60 million household electrical appliances, tech devices and lighting equipment were placed on the Irish market in 2020, with annual consumption rising from 15kg a head in 2016 to 21kg a head in 2020.

"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 2021, we needed to collect 65% by weight of what goes on the market. 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). If more people recycle their hoarded devices and appliances through the authorised WEEE systems we will be in a much better position to meet our nations annual targets and recover this distinct urban mine of materials rather than sending it to waste in landfill."

The campaigns aim was to increase the supply of waste electrical recycling to local authority sites and retailer collection points to meet Ireland's rising recycling targets.

As well as achieving substantial news coverage across all types of media with our media release and campaign photography, the campaign was supported by an extensive local press advertising campaign highlighting the location of all Local Authority Recycling Centres in WEEE Ireland's collection remit.

Our Local Authority partners assisted with the generation of an up-to-date database of all recycling sites in their areas to include in our press campaign. They, and the electrical retail members of the We'll Take It Back Programme further supported the campaign by sharing campaign messaging across their social and

Follow your lead

customer/community networks. As did our partners MyWaste.ie. Continuing our goal of online and social amplification of key awareness messaging in line with our 2021 communications strategy.

All messaging directed members of the public to weeireland.ie for a map of hundreds of free recycling drop-off points at Local Authority Recycling Centres and participating electrical retailers to support their detective work.



International E-Waste Day

International E-Waste Day took place on 14th October 2021. With our fellow WEEE Forum Members and participating e-waste Schemes from around the globe, we continued to raise awareness of the global e-waste challenge.

A key barometer reported was that the world mountain of waste electronic and electrical equipment (WEEE) would reach 57.4 million tonnes in 2021 - greater than the weight of the Great Wall of China, Earth's heaviest artificial object.

To mark the annual event, we continued to call on households, businesses, and stakeholders to support efforts to get more end-of-life unused plug-in or battery-operated products to authorised facilities, where they can be either repaired or recycled. Global e-waste production is growing annually by 3 to 4%, a problem attributed to higher consumption rates of electronics, shorter product lifecycles and limited repair options. By weight, discarded big appliances such as microwaves, ovens and refrigerators constitute the largest component of the e-waste problem.

“Recycling one microwave weighing around 11.5 kg or a vacuum cleaner weighing 4kg goes a long way towards hitting our recycling targets and getting valuable rare earth metals back into our system to be put to good use,” said Leo Donovan, CEO of WEEE Ireland.

“The longer we delay that long overdue declutter and hoard electrical items that have reached their end of life, the longer we have to continue mining for materials, causing serious environmental damage.

“Not only does it require a lot more energy to recover metals from the ground than it does to recover it from recycling, but there is only a limited amount of these materials on earth.”

“Over 85% of all material collected by WEEE Ireland is recovered for use again in manufacturing through both indigenous operators and specialist processors in Europe, meaning our recycling efforts have a significant impact on the environment.”

“The focus for International E-Waste Day 2021 was the crucial role each of us has in making circularity a reality for e-products,” said Pascal Leroy, Director General of the WEEE Forum, the organisation behind International E-Waste Day.



Ruediger Kuehr, Director of the SCYCLE Programme and Head of UNITAR's Office in Bonn, said the potential volume of rare earth materials of the world's “urban mines” is enormous.

“Embedded in 1 million cell phones, for example, are 24 kg of gold, 16,000 kg of copper, 350 kg of silver, and 14 kg of palladium -- resources that could be recovered and returned to the production cycle. And if we fail to recycle these materials, new supplies need to be mined, harming the environment,” said Dr. Kuehr.

This global awareness messaging was supported locally by our Follow Your Lead E-Waste Recycling Challenge and our WEEE Ireland members webinar that held on 14th October.

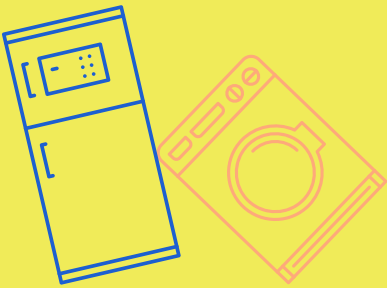


International E-Waste Day
Powered by the WEEE Forum and WEEE Ireland





CESI



Training the next generation of repair technicians to prevent thousands of tonnes of electrical appliances going to landfill.



**Circular Economy
Skills Initiative**

An industry-wide drive to extend the lives of fixable white goods was fast-tracked during 2021 to combat a major shortage of electrical repair experts – whose average age is now 59.

WEEE Ireland, The White Goods Association, technical training agency FIT (Fast Track to IT) and the Louth Meath Education and Training Board (LMETB) joined forces to create a new free ‘Circular Economy Skills Initiative’ white goods repair technician course. An innovative curriculum and career pathway to produce enough experts to ensure thousands of washing machines, fridges and dishwashers could be given a new lease of life in homes and businesses across the country.

Up to 20 trainees were recruited for the initial pilot 26-week programme beginning in Autumn 2021, followed by 12 weeks’ guaranteed work placement with leading white goods industry supporters of the programme.

“The development of the new course was a fantastic solution to some of the circular economy challenges WEEE Ireland members were facing.” said WEEE Ireland CEO, Leo Donovan.

“The course would begin addressing a skill that is vital to ensuring we can keep householders’ electrical goods in circulation for longer. And underpin a need to go further in encouraging circular activity by including the repair and reuse of electrical products in the EU takeback target and not solely end-of-life recycling targets.”

“The key aim of this full-time course was to address the growing need for the maintenance, repair and recycling of white goods,” said Elizabeth O’Reilly, Head of Membership and Circular Economy Lead at WEEE Ireland.

“To create a truly circular economy where products are kept in use for longer, we need skilled technicians. The longer we can extend the life of appliances and keep resources in circulation, the more we can reduce waste. WEEE Ireland and our key partners, supported by the CIRCULÉIRE Innovation fund, wanted to kickstart a change in the electrical repair culture in Ireland with this white good producer led training programme, designed to free the skills bottleneck that has arisen here.”

In 2020, WEEE Ireland recycled over 470,000 white goods appliances - but no Irish training programme for the next generation of repair technicians has been available for a decade.

As part of the launch of recruitment of students for the course, Declan McElwaine (35) took the only previous course of this type in Ireland in 2007 was interviewed by media. The Donegal man was one of the few classmates from his course who managed to stay in the industry. He always had an interest in how things work, and now runs his own successful appliance repair company.

“Back then there was only one course, in Shannon, and a lot of people couldn’t get work experience which was the key to getting the qualification,” said Declan.

“What’s great about the new course that was launched was that it comes with a guaranteed work experience in the sector, which will launch trainees on what I have found to be a rewarding and much in-demand career.”

The value of repair and reuse is proven in research by European home appliance association APPLiA, which found that 91% of requests to manufacturers for product fixes in 2018, resulted in an actual repair, keeping these appliances in use for much longer.

On the success of this first pilot year of the course and its graduates, FIT is committed to rolling out further programmes responding to emerging Circular Economy skills needs in collaboration with Education and Training Boards (ETB) and the industry in Ireland to address the growing need for such expertise.

“The White Goods Field Service Technician course will open up a new and rewarding career for women and men who have an interest in prolonging the life-cycle of our



white goods in the interest of sustainability, reduced waste and environmental wellbeing,” said Ian Collins Chairperson of the White Goods Association and Commercial Director of Beko. “Our vision with this initiative is support the education of a new generation of skilled repair engineers and keep perfectly repairable electrical appliances in use for longer.”

“LMETB was proud to partner in the delivery of the first training programme of this kind in Dunshaughlin. This pioneering sustainability initiative in partnership with leading manufacturers will pave the way to train and equip trainees to pursue quality employment and professional careers in the maintenance, repair, and reuse of white goods”, said Martin O’Brien, CE Louth Meath Education and Training Board.

The CESI Innovation project was proudly supported by a grant from the CIRCULÉIRE Innovation Fund. CIRCULÉIRE is Ireland’s first industry-led innovation network dedicated to accelerating the circular economy.

Irish Manufacturing Research (IMR) is the secretariat of CIRCULÉIRE which is funded by the Department of Environment, Climate and Communications (DECC), the Environmental Protection Agency (EPA) and EIT Climate-KIC. WEEE Ireland is one of 25 industry founding members of the CIRCULÉIRE platform.



Free Public Electrical Recycling Day Events

10 Events held between August and November 2021

As restrictions eased and it was safe to do so WEEE Ireland's community based Free Electrical Recycling Day Events returned in the last months of the year, once Covid restrictions lifted and safety allowed.

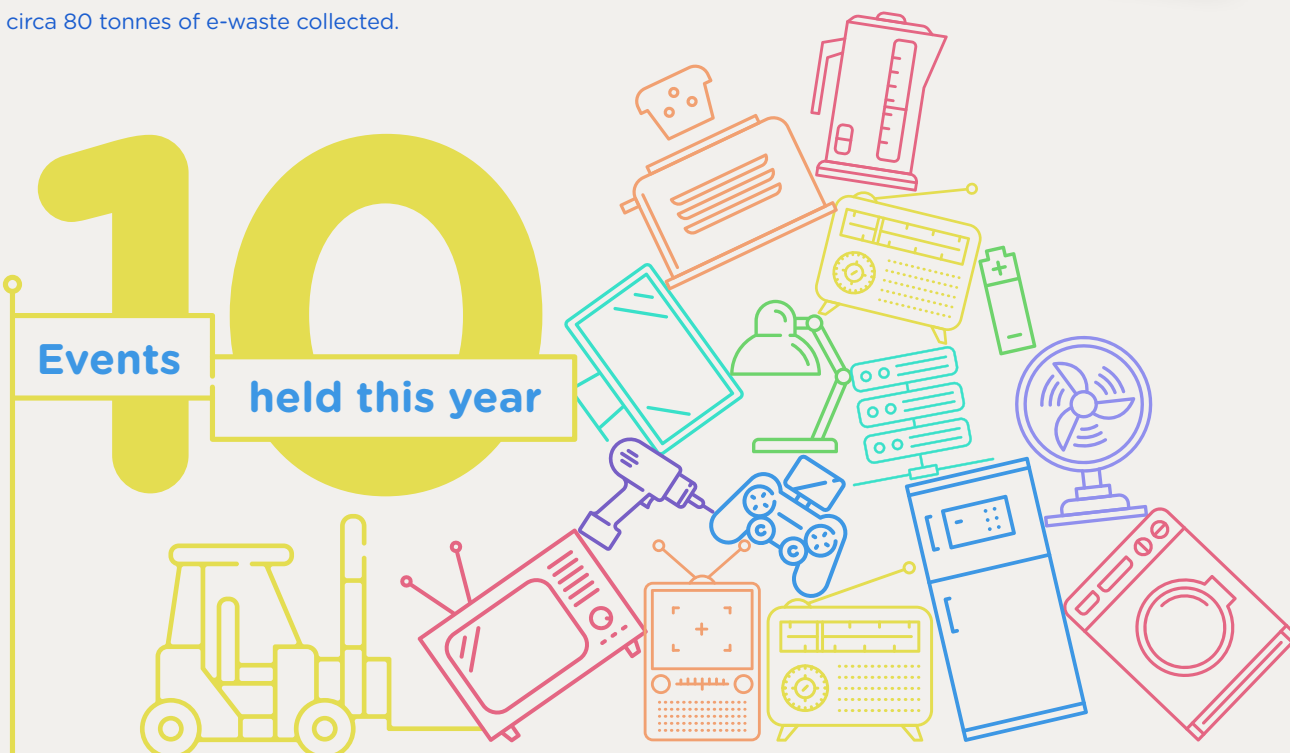
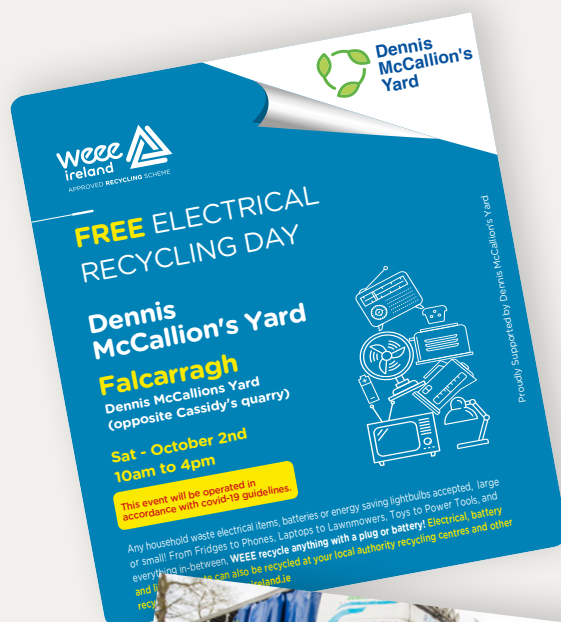
The series of events was held in partnership with private waste industry companies:

- Bord Na Mona**
- The City Bin Co. Galway**
- Midleton Skip Hire**
- Dennis McCallion's Yard**
- Letterkenny Skip Hire & Recycling**
- Bantry Skip Hire**
- Granny Recycling**
- Clonmel Waste Disposal**
- Thurles Recycling Centre**

Working closely with our waste industry partners in each location, with increased health and safety measures in place to protect the public and teams - each event was promoted by WEEE Ireland through an extensive package of local through press, radio, PR and social media advertising.

As well as hosting the events on their authorised facilities, each of our partners promoted the events, utilising their customer and community networks.

This targeted promotion and collaboration resulted in circa 80 tonnes of e-waste collected.



Festive E-Waste Recycling

As consumers use of online shopping peaked in 2021 and seasonal events such as Black Friday, Cyber Monday and as the festive shopping frenzy accelerated - WEEE Ireland released new data highlighting that only one in three of the most popular electronic and electrical gifts sold in Ireland was being recycled.

Statistics revealed that since 2019, just 33% of end-of-life beauty and consumer electricals such as hair straighteners, shavers, instant print cameras, headphones and bluetooth speakers were diverted from landfill. And that figure dropped dramatically to just under 10% for electronic toys including gaming consoles, action figures, e-scooters and e-bikes.

“So many of these items can be repaired, re-used or re-gifted, but if they cannot, make sure you recycle them for free,” said Leo Donovan, CEO of WEEE Ireland. *“Christmas is always a time when many people may be replacing electrical and electronic household items. We wanted to highlight that all of these, along with old toys being replaced by new ones, can be returned for free recycling at your local authority centre rather than dumping them in household rubbish bins.*

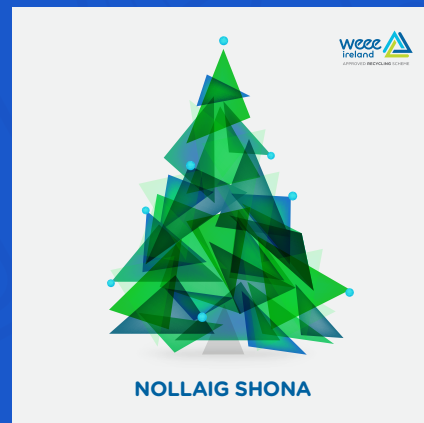
The WEEE figures showed that more than 7 million electronic toys were sold in Ireland over the previous three years - a third of them in November and December each year. The low take back rates for these types of end-of-life toys correlates with a recent EPA Waste Categorisation Study showing substantial amounts of small WEEE items - more than double the amount reported a decade ago - are still being incorrectly dumped in household rubbish bins.

“Some consumers may believe that old, unfixable toys and small electronic or electrical items are not as important in terms of recycling and resource recovery compared to larger items such as washing machines, microwaves and vacuum cleaners,” said Mr Donovan. *“But with the rise in consumption of items such as gaming consoles and entertainment devices, we wanted to show that its more important than ever that they are given the same priority.*

“Hoarding them in homes is a waste of their potential as the materials used to manufacture them can be re-used. Consumers can play a huge role by supporting the circular economy and benefit from the feel-good factor of doing something which makes a real difference.

“Our message was simple - if you were getting your house ready for Christmas and thinking of buying a new household appliance, replacing your Christmas lights or clearing out old toys for Santa, we asked that you use free e-waste take-back to dispose of your old and broken ones.”

WEEE Ireland issued this message to the media and promoted across our social channels. We also encouraged members of the public to seek more information on waste reduction, repair, reuse and recycling of all types of waste at mywaste.ie.



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

Consumers of electrics are entitled to free recycling on a one-for-one, like-for-like basis when buying instore or online, including on delivery – and 57% of WEEE take back was sourced through the retail sector in 2021. This was made possible by an extensive network of 200+ We'll Take It Back nationwide electrical retailers facilitating FREE take back of any household e-waste.

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

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

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

In return the *We'll Take It Back* Programme supports retailers to promote free WEEE recycling as part of their overall marketing strategy and as an added value service to their customers to support circular economy. Through the programme retailers are able to 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 <https://www.weeeireland.ie/household-recycling/where-can-i-recycle/> which lists all participating electrical retailers' locations.



Partnerships

RepairMyStuff.ie

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.



Recycle IT



WEEE Ireland continued our longstanding and valued partnership with Recycle IT in 2021, a unique social enterprise Community Electronic Recycling Social Enterprise providing a neighbourhood and community kerbside and business collection service for all types of waste electrical and electronic equipment WEEE in South Dublin and surrounding areas.

Recycle IT was established in 2002 to offer employment and reduce environmental harm created by the illegal dumping of old household appliances.

As a not-for-profit social enterprise, Recycle IT has supported the WEEE sector through the collection of electronic waste from householders and organisations who may otherwise find it hard to recycle.

On average each year they offer collection services to approx. 100,000 homes and organisations across Dublin collecting a range of WEEE including kettles, TVs, dishwashers, and computers. Income generated by collection and breakdown of e-waste is reinvested in training and employment and environmental awareness. In 2021 despite challenging conditions with Covid Restrictions, their team safely recycled over 626 tonnes of waste equipment.

MyWaste.ie

In 2021 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 the 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.

Shining a Light on Excellence

WEEE Ireland continued to grow our lighting sector partnerships in 2021. These key partnerships across the electrical wholesale and trade sector seek to drive lighting take back and build awareness. With support from our Lighting recycling partners Irish Lamps Recycling Ltd and sector media such as Electric.ie, we continue to drive awareness of lighting recycling.



AEW Sector Partnership



Retail partnerships remained key to driving lighting take back and awareness across the electrical wholesale and trade sector in 2021. AEW and WEEE Ireland continued their instore trade counter awareness campaign nationwide to highlight free recycling service for customers. The objective was to create awareness and generate significant increases in the amount of WEEE recycled through electrical wholesalers during 2021. AEW and its 100+ members have worked closely with WEEE Ireland and Irish Lamps Recycling over recent years to improve the WEEE recycling performance and awareness in the industry and the campaign was to further embed this industry wide.



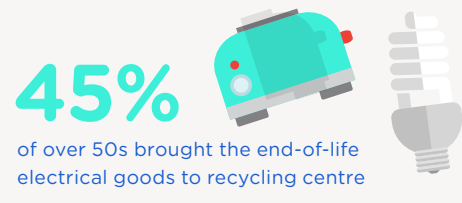
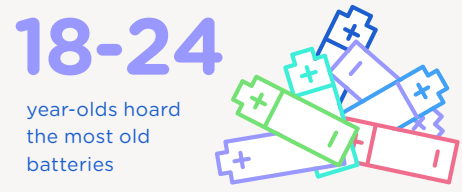
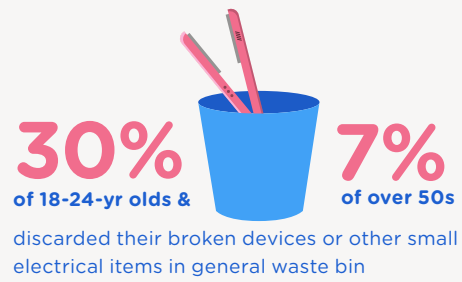
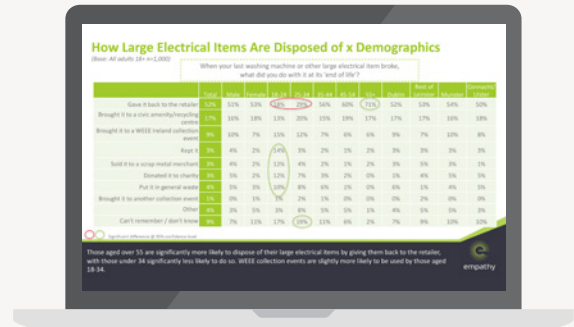
Public Awareness & Behaviour Research

Our annual consumer research survey revealed generational gaps in recycling habits and changes in consumption and take back that would make reaching annual targets a major challenge.

Sales of new electrical products in Ireland grew by 17% in 2020 but takeback of e-waste through retailers is down 10% in the first two months of 2021, making a national takeback target of 65% of sales a major challenge.

- The online survey of 1,000 adults, conducted by Empathy Research, showed that nearly a third (30%) of 18-24-year-olds discarded their broken devices or other small electrical items in general waste bins, where they end up in landfill never to be recycled. 18% brought them to a recycling centre and 13% held onto them.
- So despite being viewed as an eco-conscious generation, the younger 18 - 24 year old generation were the worst at recycling small electrical items and for hoarding the most old batteries.
- The brightest sparks were the over 55s, nearly half of whom (45%) brought the end-of-life electrical goods to recycling centre and just 7% - over four times lower than their younger counterparts - dumped them in general waste.
- And the young offenders of recycling also got a dressing down for holding onto waste batteries - 15%, mostly men, keep them, versus 0% of those aged over 55. On a positive note, young people's awareness that electrical goods can be recycled for free, has soared, from a low of 56% in 2019 to 82% this year.
- Data across all age groups showed the recycling solution of choice across Ireland is at local civic amenity recycling centres (38%), followed by 20% who hand their goods back to the retailer and 14% to an authorised e-waste collection event.
- However, 15% of the population still put kettles, toasters, lamps and other household items in general waste - the highest in the four years analysed. Which means critical valuable materials used in their production ending up in landfill or incineration that can never be recovered for use again in the future.
- Asked for a reason why they didn't recycle used small appliances nearly a fifth, (19%) said they acted as a back-up in case their main one broke, with a similar number claiming they haven't got around to recycling them as yet (18%).
- In addition, 18-24 year-olds are significantly more likely to claim that the items which could be recycled are worth money so they are not going to recycle them yet - 46% versus 4% of over 55s.

With continuous measurement and evaluation of all activity, we ensured the highest return on investment and greatest reach, engagement, and impact on our WEEE community.



WEEE Circular Vision

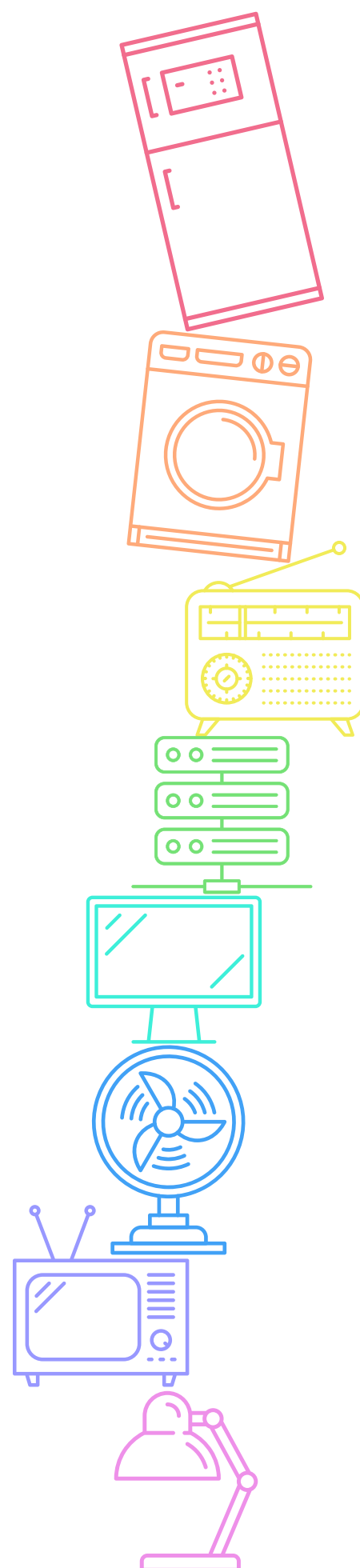
Legislation & Policy Updates

Through its Scheme Approval, WEEE Ireland is required to keep updated on relevant policy and regulatory developments at regional, national and EU level. The Scheme is also required to assist advise and contribute to the development of Ireland's position on such regulatory matters. During 2021 the WEEE Ireland Compliance team provided Members with updates on e-waste, battery and related environmental issues and sought their views for submissions to consultations at national and EU public consultations including:

- National and EU-wide consultation on the upcoming Battery Regulation
- Mywaste.ie consultation on Waste Management for a Circular Economy
- Governmental CE Strategy consultation
- Submission and engagement with the OECD on draft report *The Circular Economy in Ireland* ²³
- Product Safety work feeding into Technology Ireland and the White Goods Association submissions
- Submission to the European Commission consultation with Eunomia on EPR non-compliance and Online Sales

The team are committed to working with DECC and other authorities in evolution of national waste, climate, and circular economy policy. During 2021 WEEE Ireland represented our Members on a number of forums including:

- Directorship WEEE Europe
- DECC WEEE & Battery Monitoring Group
- An Garda Síochána Metal Theft Forum
- NSAI ETC TC22 Environmental Standardization for Electrical and Electronic Products and Systems
- DECC Waste and Circular Economy National Advisory Group
- Waste Regions National Waste Development Plan Stakeholder Meetings
- Waste Industry Enforcement Committee
- DECC Waste Battery Group
- EUCOBAT Policy and Technical Working Groups
- WEEE Forum Taskforces on
 - PV, Operations and Collections, WEEE in Scrap,
 - WEEE Flows, and E-waste Communications
- CIRCULÉIRE - Thematic Working Groups on Procurement, Waste Plastics, and Circular Design
- CIRCULÉIRE - Industry Representative & Steering Group for 2021

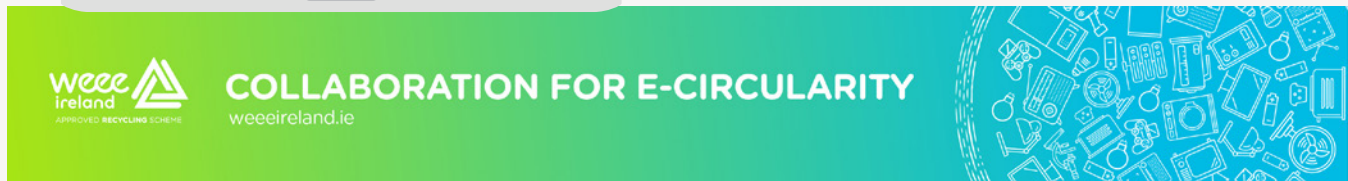


²³ Published in 2022: <https://www.oecd.org/publications/the-circular-economy-in-ireland-7d25e0bb-en.htm>

Events

The WEEE Ireland team hosted and presented at numerous events to and on behalf of our Members during 2021:

- **WEEE Ireland AGM & Webinar**
- **DECC Circular Economy Event**
- **NSAI National Standards Day**
- **Solus SEAI WEEE Ireland Lighting Event**
- **Members Fees Briefing**
- **Collaboration for Circularity WEEE Ireland Conference**
- **Circular Vision: Lighting Webinar**
- **Sandyford Business District Sustainability Innovation Week**
- **CIRCULÉIRE Annual Conference National Manufacturing & Sustainability Expo**



Working with Industry

WEEE Ireland works with industry groupings and trade associations for effective development of the collective EPR Scheme and associated compliance Services. They include:

- **White Goods Association (WGA)**
<https://www.ibec.ie/connect-and-learn/industries/ibec-trade-associations>
- **Technology Ireland (ICT)**
<https://www.ibec.ie/connect-and-learn/industries/technology-telecoms-and-audiovisual/technology-ireland>
- **Lighting Association of Ireland (LAI)**
<http://www.laoi.ie/>
- **WEEE Ireland Battery Steering Committee**
- **AEW**
<https://www.aew.ie/>



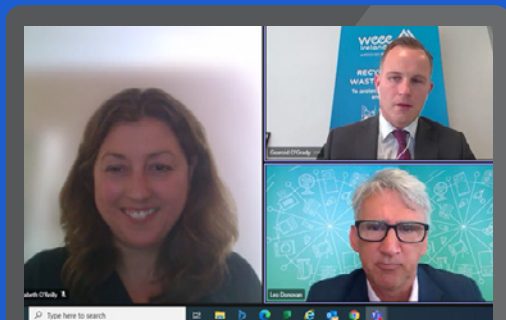
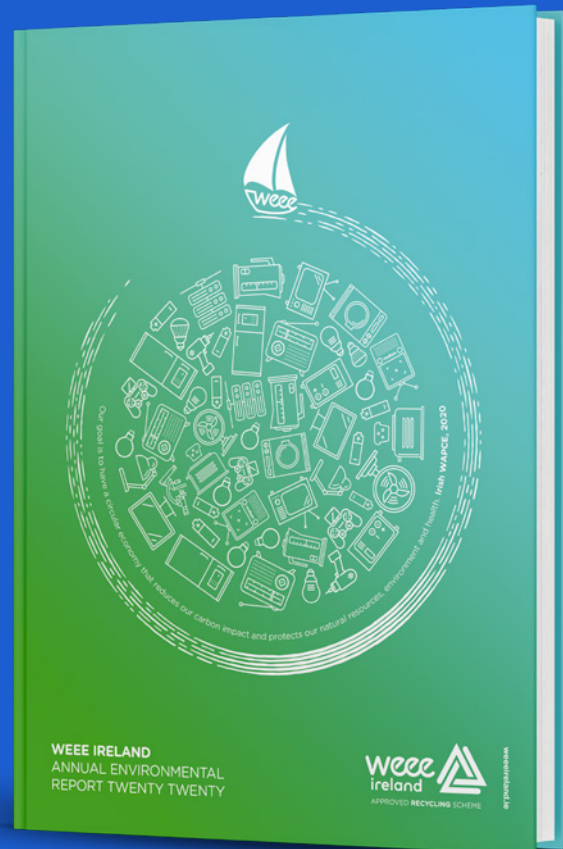
Collaboration for Circularity

WEEE Ireland AGM & Webinar

The AGM was held on the 16th June 2021. The online meeting was hosted by WEEE Ireland's new IT & Finance Systems Manager, Gearoid O'Grady. Introduced by the incoming Chairperson of the WEEE Ireland Board of Directors, Herbert Sharkey of BSH Home Appliances, formal resolutions were passed to :

- Receive and consider the annual report of the Board of WEEE Ireland for 2020;
- Receive and consider the annual financial statements of WEEE Ireland for 2020, and the review of the policies of WEEE Ireland;
- Note the re-election of the Auditors and to authorise the Directors to fix the remuneration of the auditors in respect of the period expiring at the conclusion of the next Annual General Meeting;
- Re-elect existing Director Niamh Laing.

Leo Donovan, CEO of WEEE Ireland, officially presented the AER 2020 and financial statements to the attendees. Elizabeth O'Reilly, Compliance & Membership Manager, hosted an additional section where we heard from our 3 guest speakers, Dr Geraldine Brennan, Ian Collins and Sarah Downes, on policy and regulatory developments which will impact our Scheme and Members in 2021.



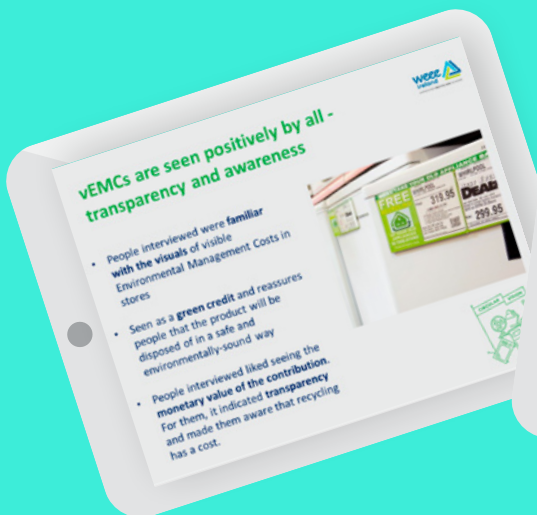
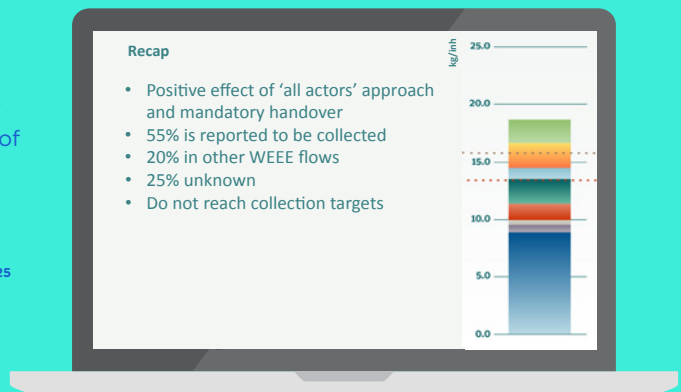
Members Conference 2021

On the 14th October WEEE Ireland held its second online conference for Members and Stakeholders. It included a closed session for Members-only to present the Scheme's new Circular Economy Strategy and a detailed Fee Briefing; giving Producers the opportunity to ask questions and provide feedback on the finance, operations and compliance service provisions of the Scheme. The Scheme's "Circular Vision" strategy was launched where CEO Leo Donovan outlined WEEE Ireland's key vision & mission for the future under the changing regulatory and societal framework toward a more Circular Economy for Ireland.

The open forum webinar entitled *Collaboration for E-Circularity* was hosted by Head of Environmental Compliance Elizabeth O'Reilly and presented some of the new programmes, and R&D projects the WEEE Ireland team are working on on behalf of Members, to put Circularity for the EEE and Battery Sector into practice in Ireland.

Guest speakers presented on three topics linked to the need for collaboration for better WEEE management.

- **Pascal Leroy, Director General, WEEE Forum; *Collaborating for E-Circularity*²⁴**
During his presentation, Pascal highlighted the importance of all-actors collaboration to tackle the growing challenge of e-waste.
- **Dr. Kees Baldé, Senior Programme Officer at the Scycles, United Nations University; *65% Targets and WEEE Flows*²⁵**
- **Elise Finidori, Compliance Executive, WEEE Ireland; *Environmental Fees & Consumer Behaviour*²⁶**



²² https://www.weeeireland.ie/wordpress/wp-content/uploads/2021/10/Together_WEEE-Ireland_2021-10-14-Pascal-Leroy.pdf
²⁵ <https://www.weeeireland.ie/wordpress/wp-content/uploads/2021/10/Balde-2021-10-14-International-Ewaste-Day.pdf>
²⁶ <https://www.weeeireland.ie/wordpress/wp-content/uploads/2021/10/Presentation-Visible-environmental-fees.pdf>

Circular Vision

In Quarter 1 the WEEE Ireland CEO, Board of Directors, and Head of Compliance with support from Sustainability Experts from IMR, worked through a series of workshops to reassess the context and future focus for the Scheme under the new Circular Economy mandate outlined in the Waste Action Plan for a Circular Economy Policy 2020. This was presented to Members at the AGM and Conference event and forms the basis for the developing reapproval application for WEEE Ireland 2022-2027.

This new 5-year strategy recognises the transition to be undertaken by the Scheme, its Directors, Management and Executive team supporting our Members.

Our 5-year strategic goals include, *inter alia*:

- 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 finance model
- Communication campaigns to encourage behaviour change and educate all stakeholders on the Circular Economy



WEEE Ireland Circular Economy Strategy

VISION

Transformation of the existing successful WEEE and Waste Battery system in Ireland into a more sustainable model which benefits environment, business and society, embedding a circular ethos across the EEE and battery value chain.

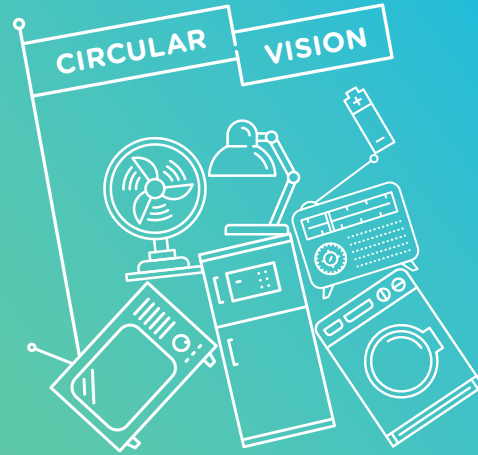
MISSION

To lead the electrical and battery industry in Ireland in a more circular economical model for their extended producer responsibilities as required under the CEWLP, WAPCE and Scheme Approval 2022.

OBJECTIVES & OUTCOMES

WEEE Ireland primary objective is to meet its approval requirements and deliver a compliant and cost effective Scheme on behalf of its Members.

This new 5-year strategy recognises the transition to be undertaken by the Scheme, its Directors, Management and Executive team to deliver on new a new approval phase of Circular Economy and extended producer responsibility requirements.



VALUES

that remain at the core of all our target, objective setting and decision making

- Cost effective Solutions
- Best in Class Compliance
- Open and Transparent Communications
- Quality Service to Stakeholders
- Support to Business Partners
- Evidence Based & Future Focused

STRATEGIES ²⁷

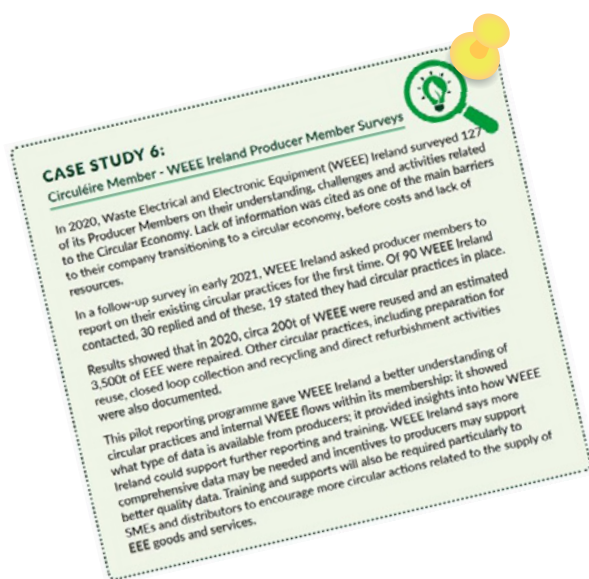
<p>CIRCULAR ECONOMY</p> <p>INCREASING CIRCULARITY</p> <p>LINEAR ECONOMY</p>	Smarter product use and manufacture	R0 Refuse	Make product redundant by abandoning its function or by offering the same function with a radically different product
		R1 Rethink	Make product use more intensive (eg. by sharing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

²⁷ Kirchherr, Julian & Reike, Denise & Hekkert, M.P. (2017). Conceptualizing the circular economy: An analysis of 114 definitions. Resources, Conservation and Recycling. 127. 221-232. 10.1016/j.resconrec.2017.09.005.

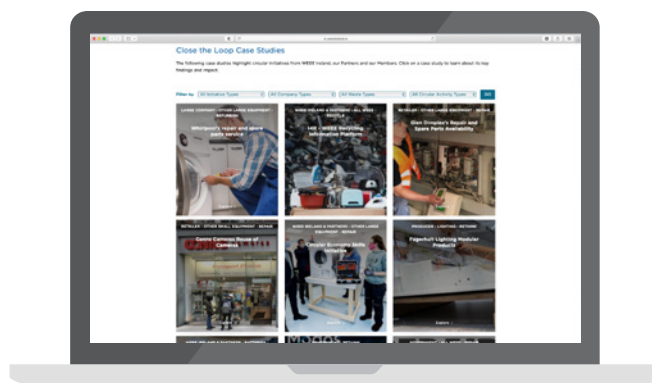
WEEE R&D 2021

Throughout 2021 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 repair and promotion of our Members' circular activities including repair, reuse and material recovery.

Close the WEEELoop Phase I: Survey



Close the WEEELoop Phase II : WEEE Ireland Website



CirculéIRE

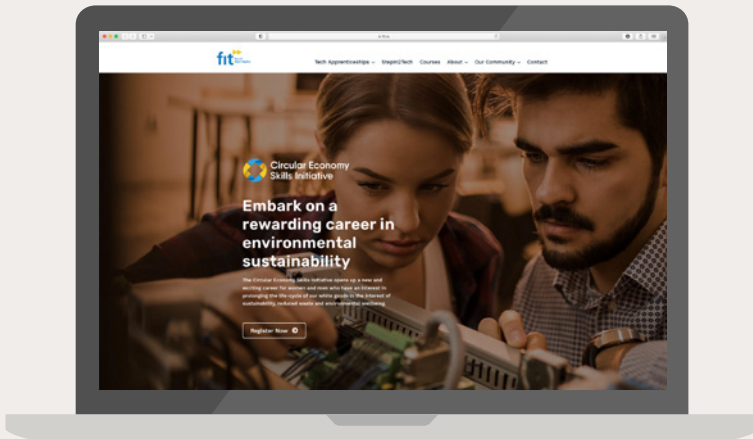
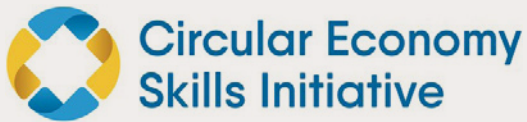
WEEE Ireland is a Founding Member of CIRCULÉIRE, Irish Manufacturing Research (IMR)'s innovative industry platform for the circular economy. CIRCULÉIRE is the first cross-sectoral industry-led innovation network dedicated to accelerating the net-zero carbon circular economy in Ireland. CIRCULÉIRE is a €4.5m public-private partnership co-created by Irish Manufacturing Research (Secretariat), and three Strategic Partners; the Department of the Environment, Climate and Communications (DECC), the Environmental Protection Agency (EPA), and EIT Climate-KIC and 25 Founding Industry Members, including WEEE Ireland.

During 2021 WEEE Ireland undertook innovation projects from funding awarded by CIRCULÉIRE as well as participating in thematic working groups and CE training programmes. Senior Manager Elizabeth O'Reilly was an Industry Representative for throughout 2021 involved in steering committee input on behalf of Members of the platform.



CESI

The new 'Circular Economy Skills Initiative' (CESI) course aims to train technicians to ensure thousands of washing machines, fridges and dishwashers are given a new lease of life across the country. WEEE Ireland, the White Goods Association and technical training agency FIT (FastTrack to Information Technology) joined forces to create an innovative curriculum and career pathway through industry placement, with innovation funding support from CIRCULÉIRE and its strategic partners, DECC, EPA and EIT Climate-KIC. During 2021 this project achieved QQI Level 6 certification and established a training centre in FITS Advanced Learning FabLab location in Dunshaughlin Co. Meath. 10 trainees are due to graduate in Q3 2022.



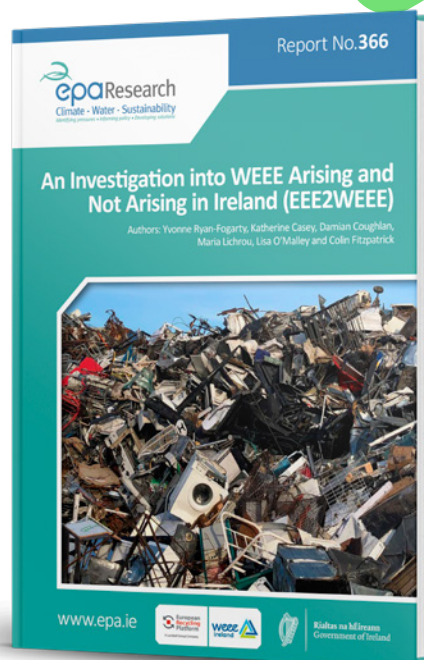
LLLB



EPA Strive

EEE2WEEE

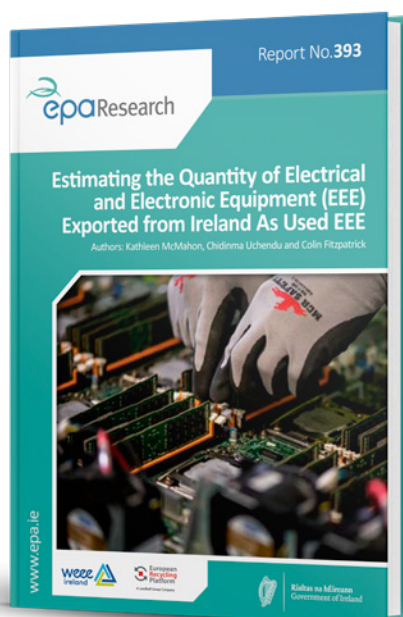
The EEE2WEEE Report 'An Investigation into WEEE Arising and Not Arising in Ireland'²⁸, was published in 2021 as part of the EPA STRIVE Research Programme. Prepared for the EPA by the University of Limerick and co-funded by WEEE Ireland and other WEEE stakeholders, this research provided insight into consumer and business behaviours towards WEEE, particularly regarding how key decisions are made around WEEE disposal. The project particularly focused on WEEE Arising in scrap metal systems. It determined a hybrid approach to WEEE target setting should be explored, using data available to Ireland and aspects of the WEEE Calculation Tool.



“ To understand the quantity and composition of WEEE arising in metal scrap, 415 tonnes of iron, steel and mixed metals from construction and demolition and municipal waste were sampled. An estimated 3.91% ±1.88% of this contained WEEE. This equates to 10,950 tonnes or 2.28kg/capita (±1.1kg/capita) based on 2018 waste data returns to the National Waste Collection Permit Office (NWCPO); this is very significant in national terms, representing over 20% of compliant WEEE collected (based on 2017 Eurostat data for waste collected). ”

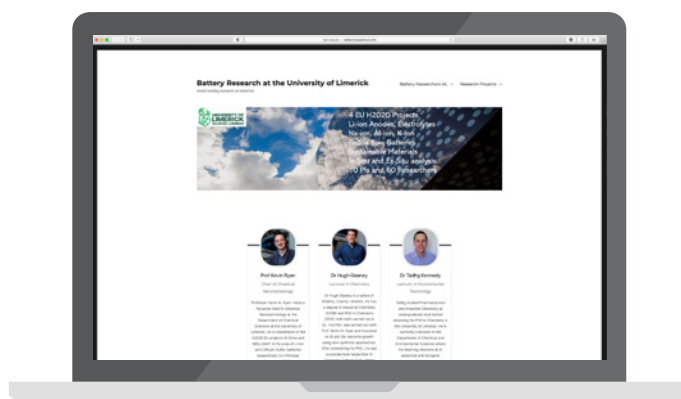
Other R&D projects the WEEE Ireland team led or engaged with during 2021 included:

Export EEE



LongWEEE

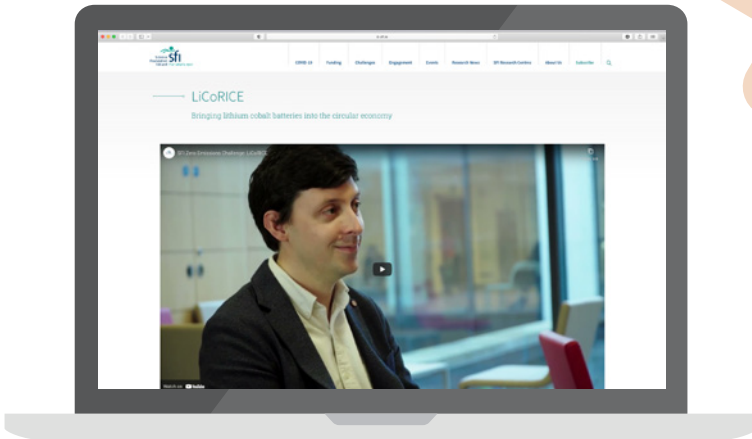
The LongWEEE EPA Strive Co-funded WEEE project worked with stakeholders throughout 2021 to understand the impact of long-life products on collection targets, reporting and financial guarantee requirements in the Irish system. The project is focusing on PV Panels and EV Batteries as two case study example product groups and is expected to publish results in Q2 2022.



²⁸ <https://www.epa.ie/publications/research/waste/research-366.php>

LiCoRICE

Winner of a special prize in the SFI Zero Emissions Challenge, the LiCoRICE project (co-funded by Science Foundation Ireland and Department of Finance) is bringing lithium cobalt batteries into the circular economy. The project teams highly innovative solution is to recycle waste battery products into a novel material that is then transformed into fresh lithium cobalt oxide (LCO) for new batteries. WEEE Ireland is providing industry and recycling experience input to this project.



RepairMyStuff.ie

The WEEE Ireland Compliance team worked with the EPA and Monaghan County Council to support an authorised repair badge for the RepairMyStuff.ie website and engaged with the industry to validate their authorised agents for inclusion on the site. This was accompanied by dedicated social media campaigns to promote the use of the site across the public for electrical appliance and other repair jobs.



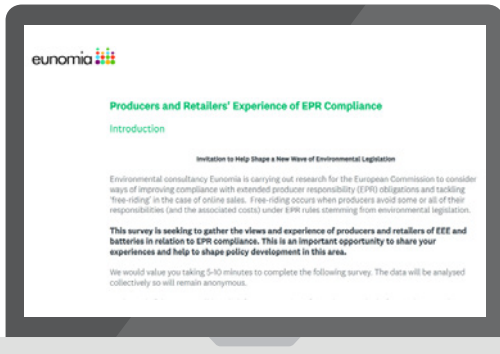
Distance Seller Projects²⁹

EPR systems aim to make producers responsible for the environmental impacts of their products.

Free-riding may account for up to 10% of the OECD's Electrical & Electronic Equipment market.



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²⁹ Eunomia study on behalf of the European Commission is still ongoing. WEEE Forum position paper can be accessed at https://weee-forum.org/wp-content/uploads/2019/06/countering_online_free-riders_consultation_issue_paper-2.pdf

³⁰ <https://www.eunomia.co.uk/reports-tools/extended-producer-responsibility-online-sales/>

³¹ <https://www.research.net/r/EPRonline>



Member Listing 2021



360 Degrees Cycles Ltd
3M Ireland Ltd.
8 Star Energy ESS Limited
A AABound Ltd
A&J MOBILE PHONE LIMITED
A. Hartmann & Son Ltd
A.J.M. Multiple Services
A.P. Haslam Ltd.
A.R.O'HARE & CO LTD
AB Power Systems Ltd
Abacus Systems & Networks Ltd.
ABBINGDON GLOBAL LIMITED
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
AEF Limited
Aereco Ltd
Agfa Ltd
Agfa NV-Ireland Branch
Agilent Technologies Ireland Ltd
AGRI HEALTH 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
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
Anixter Distribution Ireland Ltd
Anker Technology (UK) Ltd
Ann Summers Ireland (retail) Ltd

Member Listing 2021

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
 Ash Technologies Ltd.
 ASOS.com Limited
 ASSOCIATED HARDWARE PLC
 Astral Healthcare Limited
 Atlantic Home Care Ltd
 Atlantic Surgical Ltd
 AUDI ATHLONE
 Audi-Lab Hearing Specialists Ltd
 Aurora Lighting Ltd
 Auto Body Craft Ltd
 AUTO DIESEL ELECTRIC LTD
 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.
 BBikesIreland
 BEAUMEX UNLIMITED COMPANY
 Beauty Features Limited
 Bechtle Direct Ltd
 Beckman Coulter Diagnostics Ltd
 Becton Dickinson U.K. 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
 BHC Distributors Ltd
 Bike24 GmbH
 Bioenergy Power Systems
 BioMerieux UK Ltd
 Bioquell Global Logistics (Ireland) Ltd
 Bio-Sciences Limited
 Bixolon Europe GmbH
 Black Diamond Equipment Europe GmbH
 Blackchurch Leisure Ltd
 Blackstone Motors Limited
 Blueair AB
 BLUESTONE SALES & DISTRIBUTION LTD
 BMW Automotive (Ireland) Ltd
 BNR LTD
 BOC Gases Ireland Ltd
 Bodel Distributors Ltd
 Boland and Walsh Car Sales Ltd
 Bond Touch Inc.
 Bord Gais Energy Ltd.
 Bose SMS Ltd
 Box Ltd
 Boxine GmbH
 BP MULTIPAGE LTD
 Brainlab Sales GmbH
 Brand Addition Ireland Ltd
 Brandon Marketing Ltd.
 Brel Nederland B.V.
 Brendan Doyle Motorcycles

Member Listing 2021

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
Byrnes Electrical Wholesale Ltd
C&F Quadrant Ltd
C. & J. CLARK INTERNATIONAL LIMITED
C. Josef Lamy GmbH
CA Europe SARL
CAA Security Systems
CAB Motor Company Ltd
Cailin Celtic Jewellery Ltd
Caldor Energy Solutions Ltd
Calpeda Pumps (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
CCTV Systems Blessington Retail
CDW-I IT Solutions Ltd
Cell Again Ireland Limited
Celtic Surveys 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 Electrical Wholesalers Ltd
Climote Limited
Clonee Wholesale Electrical
CLONMEL ELECTRICAL LTD
Clover Portugal, LDA.
CMS Distribution
CobiNet - Fernmelde- und Datennetzkomponenten GmbH
Coca Cola HBC Ireland Ltd
Cochlear Europe Limited
Codec-dss Limited
CODEC-DSS SOLUTIONS LTD
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
Component Distributor (CD Ireland) Limited
Comvoc Technologies
Connonagh Motors Ltd
Conns Cameras (grafton arcade) Ltd
Contemporary Lighting Solutions Ltd
Convatec Healthcare Ireland Limited
Cook Ireland Ltd
Cooney Electronics Ltd
Copperfish Studio
Corajio Unlimited Company

Member Listing 2021

CORE ELECTRICAL LTD
 Corkery Dowd Ltd
 Corrigan Cars Limited
 Corry's Ironmongery Limited
 Costard Investments Ltd
 CPYou B.V.
 Cradlepoint Inc.
 Crean Solutions Limited
 Creative Retail Distribution
 Creative Technology (Audio Visual) Ireland Ltd
 CRQ Limited
 Crunchy Crew Ltd
 Crystal Media Ltd.
 CTS Systems
 Cucina Ltd
 Cult Beauty Limited
 Current Lighting Limited
 Curvature LLC
 Cycle-Union Gmbh
 Cylon Controls Ltd
 D & P Multimedia Products Ltd
 D RYAN ENTERPRISES
 D.H Meters Ltd
 DACTEC Ltd
 DAF Distributors Ireland Ltd
 Daikin Europe NV
 Daktronics Ireland Co. Ltd
 DALY INDUSTRIAL SUPPLY CO LTD
 Dalys Electrical
 Damovo Ireland
 Danfay Limited
 Danfoss A/S
 Darlo Enterprises
 Datapac Unlimited Company
 David Curran Wholesale
 David Fun Max Ltd
 DAVID LOWE AND COMPANY LTD
 David Quigley Autos Ltd
 DBS
 DCV McDaid Limited
 Decdeb Limited
 Delaney Interests Ltd
 Dell Products Ireland
 DEM Machines Ltd.
 Demesne Electrical Sales Ltd
 DENIS CULLINANE CAR SALES LTD
 DERMOT MURPHY LTD
 Derry Taheny Electric Ltd
 DERRYWOOD AGENCIES & DISTRIBUTORS LTD.
 Des D'Arcy Motors Ltd
 DESIGNLIGHT IRELAND LIMITED
 deWiz Golf AB
 Diebold Nixdorf (Ireland) Limited
 Digi Systems (Ireland) Limited
 Digicom Office Technology Ltd
 Digital Media Direct
 Direct 2 U Retail Ltd
 Direct Medical Ltd
 Disruptive Technologies Research AS
 Diversey Hygiene Sales Limited
 DKA Retail Ltd.
 DLIGHT CONCEPTS LTD
 Dolby International AB
 Dominic Fleming Electrical Accessories Ltd
 Domus Projects Ltd
 DONAGHEY MOTORHOMES LTD
 Donaghy Bros
 Donegal Commercial Vehicles Ltd
 Doodlehouses SL
 DOORWARE LIMITED
 Doro AB
 Doyle & Doyle Wholesale Ltd.
 DPP Electronics Ltd
 Draper Tools (Ireland) Limited
 Dualtron Ltd
 Dublin City Cool Ltd
 Dublin Gas & Electric Ltd
 Duggans Garage Kerry Ltd
 Dundalk Lighting
 DUNLEAS GARAGE
 Dunnes Stores Unlimited Company
 DUOLAB UK LTD
 DWN Instrumentation Ltd
 DYSON IRELAND LTD
 E Fox Engineers Ltd
 E. J. BODKIN & CO LTD
 E. Wiener Bike Parts GmbH
 EA Accessories Ltd
 EA SYMMONS LTD
 Eamon Murphy Car Sales
 Earthly Emporium
 Eartridge 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
 ECOVOLT LTD
 Eden Skincare Ltd
 EDGAR Home GmbH
 Edmundson Electrical Ltd
 Edward Kelly

Member Listing 2021

Edwards Lifesciences
eDynamics Ltd.
EET Europarts Ireland Ltd
EEW Ltd
Effective Distribution Ltd
Egan Electrical Equipment (Ireland) Limited
Eiko Ireland Ltd.
EINHELL UK LTD
Eircom Limited
Elavon Digital Ireland Limited
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
Ellab Ireland Ltd
Ember Technologies, Inc.
EmCon Systems Ltd
Emergency Response Ltd
Emerson Automation Solutions Ireland Ltd
Emporia Telecom GmbH & Co
Energy Conservation Solutions Limited
Energy Monitoring Ireland Ltd
Enhancing Health & Wellness Limited
Environmental Monitoring Services Irl Ltd
EPH Controls Ltd
E-Pire Limited
Epson Subscription Europe BV
EPT IRL LTD
Equicom Ltd
EQUIPMENT COMPANY OF IRELAND
ES Forklifts
Esaote SpA
E-TEC Power Management Ltd
Ethos Technology Ltd
EURO CAR PARTS IRELAND LTD
Euro Sales Ltd
EURO TREE WHOLESAL LTD
Eurogeneral Retail Ltd
Eurogrove Trading Ltd
Eurolec Instrumentation 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
Fannin Ltd
FARNELL COMPONENTS (UK) LIMITED
FDR TYRES LTD
Fergusons Hearing Aid Clinic Ltd
Fermoy Nissan Ltd
Ferrybank Motors (Wexford) Ltd
FETHARD ELECTRICAL WHOLESAL LIMITED
FG Wilson Engineering (Dublin) Ltd
Fiat Chrysler Automobiles Ireland Dac
Fields Retail Limited
Finbarr Galvin Ltd
Finglas Autoparts Ltd
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
Forcefield Active Technology Ltd
Forescout Technologies Inc.
Forklift Services and Handling Equipment Ltd
FORM Athletica, Inc.
Formwave Ltd
Fortus Ireland Ltd
Fossil UK Ltd
Frank Flanagan Fittings Ltd
Freesat
Fresenius Medical Care (Ireland) Ltd
FTI Fire Technology Ireland Ltd
Fujifilm UK Ltd
Fujitsu Ireland Limited
Futura Electronics Ltd

Member Listing 2021

GALLAGHER POWER FENCE SYSTEMS IRL LTD
 Garo Electric Ireland Ltd
 Garrabridge Ltd
 Gas Networks Ireland
 GATEVALE LTD
 Gavigan Electrical
 Gaynor Pearse Motor Factors Unlimited Company
 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
 Gerry Cumiskey Ltd.
 Gerry Matthews Engineering Ltd
 Gersan Services Ltd
 Getinge Ireland Ltd
 GFM Commercial Enterprises Limited
 GGSEND
 GHO Distribution Ltd.
 Giesecke+Devrient Mobile Security Iberia S.A.
 GKRT LTD
 GL ALTERNATIVE SOLUTIONS LTD
 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 Retail Group Ltd
 Grandon Car Sales Ltd
 Grant Car Care Ltd
 Grant Engineering Ireland ulc
 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
 Hahnel Industries 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
 Heating Shop 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
 Homecare Medical Supplies Unlimited Company
 Homesecure
 Honeywell Control Systems Limited
 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

Member Listing 2021

Humanscale International Holdings Ltd
Hyundai Cars Ireland
I C Plus Ltd
I.M. AUTOMOTIVE LIMITED
Ian A. Kernohan (N.I.) Limited
IBM Global Financing Ireland Limited
IBM Ireland Ltd
ICON Health & Fitness Ltd
ICU MEDICAL U.C
Ideal Car Sales Ltd
Ideal Foods
IDEXX Diagnostics Limited
IFM Electronic Ltd.
IFS Integrated Fire Solutions Ltd
IKEA Ireland Ltd
Ille Services Ireland (Ltd)
IM European Motors Ltd
Imagine Network Services LTD
IN HAND GUIDES LTD
Independent Health Care Service Limited
INDUR (WHOLESALE) LTD
Infinera Corporation
Ink Maestro Ltd
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
Irwin Group Distribution Ltd
ISHINE IRELAND LTD
Iskus Health Ltd
ITC Distribution Limited
ITW GSE Aps.
J J MCQUILLAN SON & COMPANY LTD
J S Dobbs & Co Ltd
J. Choo Limited
J. Parker Car Sales And Services
J.A. BOLAND & SONS (WEXFORD) LIMITED
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
Jimmy Barry Motors Ltd
Jinko Solar GmbH
JMN Fire Alarms Ltd
Joe Duffy Dun Laoghaire Ltd
JOE KING BATTERIES
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 Morrison Motors Limited
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
Karmarton Ltd
Karreman Enterprises Ltd
KCI Medical Ltd
Keaney Medical Ltd
kellihers garage ltd
Kenny Galway Ltd
Kenwood Limited
KerrHawe SA
Kestra Electroweld Ltd
Kestrel Communications Ltd
KESWICK ENGINEERS LTD
KEVIN BRODERICK LTD.
Kevin Egan Cars Ltd
Kevin Giles Motors Ltd
Kevin Mahon Motors Ltd
Kew Distributors Ltd
Keyence UK Ltd.
KeyMed Ireland Ltd
Kia Motors UK LTD
KILCOYNE AND SCAHILL MOTORS LTD

Member Listing 2021

Kilkenny Welding Supplies Ltd
 Kitchen Accessories Limited
 KLA-Tencor Ireland Ltd
 KM KS Retail Ltd.
 Knn Media Limited
 Kohler Uninterruptible Power (Ireland) Limited
 Komplett B.V.
 König + Neurath AG
 Kornit Digital Ltd
 KOS Ergonomic Solutions Ltd
 Kraiss systems GmbH
 KRITMAN COMPANY LTD
 Kyron Street Limited
 L M Ericsson Ltd
 Laboratory Instruments & Supplies
 Laboratory Supplies Ltd
 Labquip (Ireland) Ltd
 Lakeland Ltd
 Lambrini Ltd
 Lamp Source
 Lampenwelt GmbH
 Lamps & Lighting Ltd
 Landis+Gyr Limited
 LANG'S GARAGE
 Laserware Ltd
 Lautsprecher Teufel GmbH
 Laztech IT Services Ltd
 Leading Edge Marketing & Promotions Ltd
 LED Lighting and Electrical Distribution Group
 LEDVANCE Benelux B.V. - Irish Branch
 Leeson Motors Ltd
 Lenovo Global Technology Ireland Limited
 Lenovo Ireland Limited
 Levelling Equipment Services Ltd
 Leydens Limited
 LG Electronics UK Ltd
 Libelium Comunicaciones Distribuidas S.L.
 Lidacel Ltd
 LIFFEY DISTRIBUTORS
 Lights4fun Ltd
 LILLY FUSION LIMITED
 Linde Material Handling (Ireland) Ltd.
 LINDY-Elektronik GmbH
 LINEHAN CAR SALES LIMITED
 LISTOWEL AUTOS LTD
 LITEHOUSE ACCESSORIES LTD
 Livisham Ltd
 Louisa Flanagan t/a NSI Hair Nail & Beauty
 Lovehoney Ltd
 LR Active Ltd
 LumiraDx Ltd (UK)
 Lumitech Ltd
 Lunii SAS
 Lux Bespoke lighting
 Luxottica Group SpA
 Lyncare Ltd
 Lynch Medical Supplies (LMS) Ltd
 LYNN MOTORS LTD
 Lyric Ireland Ltd
 M Grant Service Station Ltd
 M J FLOOD (IRL) LTD
 M. Donnelly & Co Ltd
 M. KELLIHER 1998 LTD
 Made.com Design Limited
 Magimix UK Ltd
 Magnet Networks Ltd.
 Malen Beauty Products Ltd
 Mallows Number 1 Vape Store
 MAM Baby AG
 Mamas and Papas (Stores) Ltd
 MAN Importers Ireland Ltd.
 Manbat Ltd
 Manepa Ltd
 Manotherm Ltd
 Manscaped, Inc.
 Marks and Spencer (Ireland) Limited
 Marron Activ8 Energies Ltd
 Marshall Amplification Plc
 Mason Technology Ltd
 Maurice Doody Sales Ltd.
 Maurice Dunne Motors Limited
 Mazda Motor Logistics Europe NV Ltd
 Mc Hugh Components Ltd
 McAdam Consulting Services Ltd
 McCarthy Commercials Ltd
 McCauley Health & Beauty Pharmacy Ltd
 McElligotts (Tralee) Ltd
 McGrath Electronic Components Ltd
 McHale Plant Sales Ltd
 McHugh Electric (Dublin) Ltd
 MCK ELECTRICAL LTD
 McKechnie Cleaning Services Ltd
 MCKEON CONSTRUCTION LTD
 MCLOUGHLIN & SONS HARDWARE LTD
 MCQUILLAN WHOLESALE LTD
 Medguard Healthcare Limited
 Medical Supply Company Ltd
 Medicare Health and Living Ltd
 Meditec Medical Ltd
 Medray Imaging Systems
 Medtronic Ireland Limited
 Melview Motors LTD
 Memory Bank Ltd.
 Memoryking GmbH & Co. KG

Member Listing 2021

Merck Millipore Ltd
Meyer SDA Ireland 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
MMD Distribution Ltd.
Mobile Fashion Ltd
Mobility Direct
Mobiwire
Modern Plant Ltd
Moduslink BV
MONAGHAN ELECTRICAL WHOLESALE LTD
MONAT Natural Europe Ltd
Monbatt Ltd
Montara Ltd.
Motocaddy Ltd
Motor Distributors Limited
MOTOR SERVICES LIMITED
Mountain View Motors Ltd
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 Look Retailers (Ireland) Ltd
Newcastle West Autos Ltd
Newstyle Hairsalons Unlimited Company
Next Retail Ltd
Nextcar Limited
NIALL STEPHENSON LTD
Nike Retail BV
Nike UK - Irish Branch
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
Norso Medical Limited
Nortev
Northwood Technology Ltd
Novatel Communications Limited
Noviled High Technology Lighting Ltd
NuLumenTek Ltd.
Nuwave Sensor Technology Ltd
O & I Motors Ltd
O FLYNN MEDICAL LTD
O Meara Camping Ireland Ltd
O'Callaghan Leisure
O'Callaghan's Garage
O'Connell Batteries Ltd
O'DONOVAN ENGINEERING CO LTD
Ogalas Unlimited
O'Keefes of Kilkenny Ltd

Member Listing 2021

Oktalite Lichttechnik GmbH
 Oliver Geoghegan Car Sales Ltd
 Omron Electronics Limited
 O'NEILLS ELECTRICAL LIMITED
 Optel Vision Ltd.
 Optical Sciences Ireland Ltd
 Oracle EMEA Ltd.
 Orantek Ltd
 Orbea S. Coop.
 Orega Systems Ltd
 Origo Distribution Ltd
 Otter Products EMEA Unlimited Company
 Otto Männer GmbH
 Oxygen-Care Ltd
 P & J Finnegan Car Sales Ltd
 P & J MADDEN CAR SALES LTD
 PAGL Ireland Limited
 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
 PBL Electrical Distributors Ltd
 Pc Pro Computers Ltd
 PC SYSTEMS LTD
 PCMCS Tech Limited
 Peats Wholesale Ltd
 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
 Phibsboro Electrical Wholesale
 PHILIP GRIFFIN MOTORS LTD
 Philips Electronics Ireland Limited
 Phoenix Contact (Ireland) Ltd
 Phonewatch Ltd
 Photo Import Ltd.
 PHS West Inc
 Pianos Plus
 Pinewood Laboratories Ltd
 Pioneer Europe NV
 Pitney Bowes (Ireland) Ltd
 PJ Bonner & Company Ltd
 Plantronics BV
 PLATINUM INTERNATIONAL LTD
 PMD Solutions
 PNS Ltd
 Polaroid Film B.V.
 Polydome Ltd
 Portix Ltd
 Portwest UC
 Potterton Myson Ireland Ltd
 PowaKaddy Europe Ltd
 Power City Limited
 Powerpoint Engineering Ltd
 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
 PTRS LTD
 Pure Storage International Limited
 Purmo Group Ireland Ltd
 QFF Distribution
 QIAGEN Ltd.
 QLX Lighting
 Quaestor Analytic Ltd
 Qualvecom
 Quest Merchandise Limited
 Quicktec Computers Ltd
 Quinn Electrical Services Ltd
 QVC
 R.E.Dawson Limited
 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.

Member Listing 2021

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
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
Rockford Healthcare
Roland Europe Group Limited
Ronseal (Ireland) Limited
Rookery Consulting Ltd
Rosspoint Retail Services Ltd
Rostul t/a Laser Tech Ireland
Rota Industries Ltd.
ROTHENBERGER Werkzeuge GmbH
RST Power Distribution Ltd
RTD Technology Ltd.
RTR Electrical 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
Samsung Electronics (UK) Ltd
Sanbra Fyffe
SATCITY
Save You Services Ltd
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 WHOLESAL LTD
Sean Fleming Motors Limited
Secure Power Systems Limited
Semineo
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
SKS COMMUNICATIONS LTD
Skullcandy International GmbH
Sky In-Home Services Ltd
Smart Bits Phone Accessories Ltd
SMART ELECTRICS WHOLESAL
Smartfrog 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

Member Listing 2021

Soundzdirect Ltd	Technico Ltd
South West Wholesale Ltd	TECH-SPEC
Spaldings Ltd	Tecoled Ltd
Spectrum Distribution Ltd	TEF TULLAMORE LTD
Spicers Office Supply (Ireland) Limited	Tekelek Europe Ltd
Sportpursuit Limited	Tekhnopak Manufacture Ltd
Spotlight Oral Care	Tektronix International Sales GmbH
Sprayclear Environmental	Tektronix UK Ltd
Sprayquip Ltd	Telent Technology Services Ltd
SQUARE ONE DISTRIBUTION LTD	Tempcheck
SRL International Concepts Ltd	TEMPLECRONE COOPERATIVE SOCIETY LTD
Stafford Lynch Ltd	Teradata Ireland Ltd
Stanley Black & Decker Ireland Unlimited Company	Tesco Ireland Limited
Stanley Security Ltd	Tesco Mobile Ireland Ltd
StarBrite Lighting Ltd	Tesla Motors Ireland Ltd
STC SOCKET TOOL COMPANY LTD	Texas Instruments EMEA Sales GmbH
Steelcase Limited	Thane Direct UK Limited
Stella Doradus Europe Ltd	The Dalkey Motor Company
Stephen Pio Ltd	The E.I. Unlimited Company
STILLORGAN DECOR CENTER	The Forklift Centre Ltd
Storagecraft Technology Unlimited Company	The Hamleys Group
Stoves Store Ltd	The Newbridge Cutlery Company UC
Streetlife Music GmbH	The Phone Accessories Company Ltd
Strongline Autoparts Ltd	The Power Providers Ltd
Stryker UK Limited	The Range (Ireland) Ltd
SUEZ Water Technologies and Solutions	The Sound Shop (Ireland) Ltd
Sulzer Pump Solutions Ireland Ltd.	The Swatch Group UK Limited
Sumup Ltd	The Vapormatic Co. (Ireland) Ltd
SUNDRELLE LIMITED	Thermalimage
Sunradi Ltd	Thermo Fisher Diagnostics (Ireland) Ltd
Superdrug Stores plc	Thistleway Ltd
Supergroup Retail Ireland Limited	Thomann GmbH
Supersavers	Thomas Farrell & Sons (Garages) Limited
Sureweld International Ltd	Thomastown Garage Limited
Survey Instrument Services Ltd	Thorlux Lighting Limited
Suzuki Cars Ireland Ltd	THORN LIGHTING LTD
Swico Ltd	Three Ireland (Hutchison) Ltd.
Switch Distribution Limited	Tiger Retail Ireland Limited
SWITCHTEX LTD	Tile Inc.
Synergistics LTD	Time Data Security
Synluck GmbH	Timemark Ltd
System Video Limited	TLG Distribution
Systemlink Technologies Ltd.	TMC Technology Ltd
T Tools Ireland Ltd	Tokyo Electron Europe Ltd
T&T EQUIPMENT LTD	Tooling & Engineering Distributors (TED) Ltd
Tadg Riordan Motors Ltd	Toomey Audio Visual
Tam Outlets Ltd	Top E-cigarette Ltd
TaskLED Lighting Ltd	Topcon Europe Medical B.V.
TBC Junction Ulc	Toshiba Global Commerce Solutions (UK) Limited
TDS Disney Ireland Limited	Total Materials Handling Ltd
Tech Data Distribution Ltd	Total Power Solutions Ltd
Technetix Ltd	Toyland Cash & Carry Ltd
	TOYMASTER LTD

Member Listing 2021

Toyota Ireland Unlimited Company
Trackimo Inc.
Transfer Multisort Elektronik sp. z o.o.
TREND MACHINERY & CUTTING TOOLS LTD
Trend Micro (EMEA) Limited
TRIACE LTD
Trina Solar (Luxembourg) S.a.r.l.
TrueBlue eCommerce
Trulife
TTS Tooltechnic Systems Ireland Limited
TUBRID MOTORS LTD
Tucks O'Brien Ltd
Tucson Pumps Ltd
TURBO LEISURE LTD
Turbotricity Ltd
Two Wheels Ltd
Tyrell Content Creation Tools Ireland Limited
Ubiquiti International Holding B.V., odštěpný závod
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
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 GERMANY GMBH
VGP Media Ltd
Vita-Mix Europe 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 Europe BVBA
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
Wink Lighting Ltd.
Woodies DIY Ltd.
Woodland Motor Company Ltd
WOW Tech Europe GmbH
Wowcher Ltd
WP DIAGNOSTICS
Wurth Ireland Ltd
Xerox IBS Limited
XINDAO B.V.
XMusic Ireland Ltd
Xpress Electrical
Xylem Water Solutions Ireland Limited
YOUGHAL CAR SALES
Yubico AB
Yumeshokunin Co Ltd
ZAGG INTERNATIONAL DISTRIBUTION
Zalando SE
Zatori Results Ltd
Zebra Technologies Europe Ltd
ZINTEK SYSTEMS LTD



WEEE IRELAND
ANNUAL ENVIRONMENTAL
REPORT TWENTY TWENTY ONE

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