



ANNUAL REPORT

2022

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Authors: ELVES, 2022

Acronyms and abbreviations:

ATF	Authorised Treatment Facility
CoD	Certificate of Destruction
DECC	Department of Environment, Climate, and Communications
DoT	Department of Transport
EC	European Commission
ELV	End-of-Life Vehicle
ELVES	ELV Environmental Services CLG
EPA	Environmental Protection Agency
EU	European Union
EV	Electric Vehicle
F-Gas	Fluorinated Greenhouse gas
MAC	Mobile Air Conditioning
PRO	Producer Responsibility Organisation
PST	Post Shredder Technology
WERLA	Waste Enforcement Regional Lead Authority

Enquiries to:

info@elves.ie

**ELV Environmental Services CLG,
Unit 15-4, Workspace Centre,
Mayoralty Street, Drogheda, Co. Louth,
A92 E368.**



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1. Chair's Report

The End-of-Life Vehicle (ELV) sector is on the cusp of change, brought about by a changing car market and supporting environmental regulation. With increasing focus on sustainable practices, governments and regulatory bodies globally are looking to implement stricter guidelines and encourage automotive manufacturers to adopt sustainable practices throughout a vehicle's lifecycle. We are seeing major changes in the automotive marketplace with a growing number of electrified vehicles on the road that will one day become ELVs.

ELVES Highlights

ELVES celebrated a milestone, in its own operations becoming Carbon Neutral, striving to improve on this even further, by contributing to re-establishing native Irish forests in Wicklow.

ELVES instigated its own Sustainable Procurement Policy and amended its Constitution to reflect his commitment.

ELVES is preparing for rapid change in the car market, signalled by a significant uptake in electric vehicle sales, new car sales of Electric Vehicles (EVs), increasing 81% on 2021.

Foremost in that preparation is education and training. Minister Ossian Smyth attended a celebration of the Electric ELVES training programme in November 2022. The programme provides training to Authorised Treatment Facilities (ATFs) handling EV batteries and the event recognised the venues that have hosted training to-date and the essential part they have played in bringing the knowledge required to ATFs around the country. Electric ELVES ran supplementary training events in 2022 and introduced an advanced training level to accommodate the interest.

ATFs in the Network also receive Mobile Air Conditioning (MAC) training to help ensure the Fluorinated Greenhouse gas (F-Gases) in air conditioning systems from ELVs are removed and recycled correctly, which is really important from a climate change perspective.

ELVES fully recommenced site visits to recycling facilities in 2022, with 40% of the ATF network members audited within the year, and a stakeholder site visit to one of our partner shredder facilities in Northern Ireland. Attendees were briefed on the high value and circularity of metals and other materials separated and recovered from ELVs for recycling and re-use and their end markets within the European Union (EU).

Regulatory Update

Looking to the future, the new Batteries Regulation will impact ELVs, whilst regulatory changes to the ELV Directive are expected to result in a new EU ELV Regulation with a first proposal expected in 2023. We do not as yet have visibility on specific requirements, but it is expected to address a number of key issues in order to achieve EU Circular Economy objectives and reuse and recycling targets:

- Managing missing vehicles – closing the gap,
- A wider scope of vehicles to be regulated for – potentially to include L, M, N and O,
- Mandatory removal of parts and components to improve reuse & recycling,
- Possible material specific targets, and
- Strengthening of producer responsibility.

Market Trends

- A. Low ELV Volumes: The volume of ELVs arising dropped significantly in 2022 compared to 2021. A reflection of constrained vehicle supply, economic uncertainty and fluctuations in metal prices, it was a trend seen in Ireland and across Europe and was a challenge for the Irish ELV sector.
- B. Circular Economy Initiatives: The concept of a circular economy gained traction in the ELV sector during 2022. Stakeholders, including manufacturers, recyclers, and policymakers, are collaborating to establish efficient closed-loop systems. This approach focuses on maximizing resource utilisation, reducing waste, and promoting the reuse of materials from ELVs.
- C. EV Recycling: With the rising adoption of EVs, the recycling of EV batteries has emerged as a significant potential opportunity. In 2022, the industry witnessed advancements in EV battery recycling technologies to help ensure safe and sustainable disposal or repurposing of battery components.

Technological Advancements

- A. Disassembly Robotics: Automated disassembly technologies using robotics have made significant progress. These systems facilitate the efficient dismantling of ELVs, improving the recovery of valuable components and reducing the labour-intensive nature of the process.
- B. Material Recovery Techniques: Advanced separation and sorting techniques are being developed to extract and recover valuable materials from ELVs. Innovations in sensor-based sorting technologies, including artificial intelligence and machine learning algorithms, will enhance the accuracy and efficiency of material recovery processes.

Environmental Footprint

Environmental sustainability remains a key focus within the ELV sector. The industry strives to minimise the environmental impact of ELVs by promoting recycling, reducing waste generation, and limiting hazardous substance usage. Efforts are being made to enhance the environmental performance of ELV recycling facilities through eco-design and cleaner production practices.

Conclusion

This year witnessed significant progress in the ELV sector, driven by increased regulatory focus, market trends, and technological advancements. ELVES together with stakeholders across the industry, are actively working towards sustainable practices, embracing the circular economy concept, and implementing innovative solutions for efficient ELV management. The sector's continued growth and success, both financially and environmentally, relies on the collaborative efforts of all stakeholders' automotive manufacturers, recyclers, regulators and policymakers, and consumers to achieve a more sustainable and environmentally friendly future for all.

Karen Mahon
Chairperson

Fiacra Quinn
CEO

Note of thanks

The ELVES Board would like to thank outgoing Board Member, Paul Murray of Toyota Ireland, for his invaluable insight and collegiate approach throughout his tenure on the ELVES Board. We wish Paul the very best in his new role.

2. About Us

ELVES (ELV Environmental Services CLG) has been operating as the collective compliance scheme for the motor industry under the ELV Regulations since 2017. ELVES is a private not for profit company, funded by its members, professional importers of both new and used vehicles, which are:

- Domestic or passenger cars/ vans (no more than 9 seats) – M1.
- Vans and light goods vehicles (under 3,500kg in weight) – N1.

The full list of members can be found on our website.

ELVES operations are approved by the Minister for the Environment, Climate, and Communications. ELVES activities focus on:

- Providing information to the public about why, how, and where to scrap a car.
- Supporting our ATF Network (reuse and recycling).
- Supporting our reprocessors (recycling and recovery).

A key focus for ELVES is ensuring that our national collection system, the ATF Network, achieves the minimum targets of 85% reuse and recycling and 95% overall when other recovery is included as set out in the ELV Regulations.

ELVES is led and controlled by a Board of non-executive directors, consisting of representatives from the motor sector and independents. At each AGM one third of the Directors who have been longest in office since their last election retire. Our Board collectively ensure delivery of the organisation's objectives, set strategic direction, and uphold best corporate governance.

Board, 2022 YE	Affiliation	Meeting Attendance
Alan Nolan (R)	Independent	3/3
Anja Köckritz (R)	Independent	2/3
Brian Cooke (A, N)	SIMI	3/3
Ciaran Kinahan (N)	MDL	2/3
Clodagh Walsh	Volvo	2/3
Colin Griffin (A)	GMDL	2/3
Fiacra Quinn (executive)	ELVES	3/3
Ken Ward	Nissan	3/3
Irene Collins (A)	Independent	2/3
Karen Mahon (Chair)	Independent	3/3
Paul Murray (R)	Toyota	3/3

The AGM was held in November with the stakeholders in attendance, where representatives of vehicle manufacturers from across Europe are invited to attend. Additional to this, regular communications about the work programme and key developments continued through group emails providing updates and one to one interaction by phone, email and zoom.

Throughout 2022, ELVES was in regular contact with ATFs in its Network, by email, including 15 all Network emails, by phone and in person through site visits and audits. In 2022, ELVES increased its focus on ATF audits, to catch up on those missed in 2020 and 2021 when Covid restrictions applied. All Network email updates that were sent out covered a range of topics including annual reporting guidance and timeframes, MAC training and guidance, shredder credits, the Northern and Western Regional Assembly's survey on the ELV Directive and the Waste Enforcement Regional Lead Authorities (WERLAs) ATF Workshop.

The Electric ELVES programme is open to all ATFs in the country and as such letters regarding upcoming training and the supports provided by the programme were sent out to all ATFs three times during 2022. In addition to promoting training days, the letters included a pin up poster regarding the supports offered by Electric ELVES and how to access them.

Funding and Expenditure

The Financial Statements for 2022 have been approved by the Board. It indicates that income was €2.156 million and its expenditure €2.107 million. The details of this are:

Income:	€2,155,592
Importer fees:	€1,913,287
Deferred income transferred:	€242,305
Expenditure:	€2,106,840
3rd party direct reuse, recycling & recovery:	64.1%
Admin (Electric ELVES, ATF audits, & overheads)	25.9%
Advertising, marketing & PR:	7.0%
3rd party consultants (legal, auditor, bank):	2.1%
Contingency Fund:	€1,700,000

This means that €2 out of every €3 is spent directly on reuse, recycling, and recovery to achieve the 85/95% national targets. This does not include the process of determining and verifying that this has been done. Therefore, administration includes audit and Electric ELVES training days, IT and office overheads, and motoring and rent.

Cost Minimisation

ELVES strives to provide good value for money throughout its operations, minimising costs for its funders where possible whilst still ensuring reuse and recovery targets are met. ELVES is a small organisation with 4 staff. Half work remotely, but we do maintain an office in a regional town. As such, although we keep value for money in mind in all that we do, opportunities for cost minimisation in our operations are limited given how we already operate and the size of the organisation. Cost minimisation is ensured through standard practices such as seeking multiple quotes to achieve best value for money and continually evaluating the recycling and recovery options available to us. This said, as a small market, options to achieve the high ELV targets are limited and have been subject to significant cost increases in recent years, a challenge the organisation continues to manage.

3. Statistical Report

Supply

In 2022, the total supply of new and used obligated vehicles was in line with the previous year.

Supply of total vehicles	M1 (car)		N1 (van)		Total	
Year	2021	2022	2021	2022	2021	2022
Year	104,932	105,398	28,742	23,510	133,674	128,510
Used Imports	63,617	46,490	7,269	6,335	70,886	52,825

This indicates an overall decrease in the supply of vehicles of 11.4% from one year to the next. Compliant importers are listed on the ELVES' website.

ATF Network & Targets

The ELVES ATF Network met and exceeded both the 85% reuse and recycling and the 95% reuse and recovery target for 2021. ELVES support for target achievement also resulted in a positive national result. In July 2023 the EPA confirmed that Ireland met both targets in 2021, achieving 87.81% for reuse and recycling and 95.74% for reuse and recovery.

The ATF Network's Target achievement for 2022 is currently being calculated by ELVES with data from 2022 being reported by ATFs in the first half of 2023. ELVES is confident that its Network will meet the ELV reuse, recycling and recovery targets in 2022, and like in previous years, its activities will play a significant role in meeting national targets. The EPA, the body that calculates national target achievement, has not yet reviewed the 2022 ELV target data. The ELVES Network has met the targets since its inception in 2017, with the Network and the country meeting both targets from 2018 onwards.

The total number of ATFs, waste sites permitted or certified to accept and handle ELVs is 219. However, it is estimated that the number of operational ATFs is in the region of 160. The ELVES Network comprised 64 ATFs in 2022, with an additional site joining at the very end of the year. The Network accounted for over 78% of Certificates of Destruction (CoDs) issued in 2022.

ELVES measures target against the estimated total ELVs arising, not CoDs. This means that everything is counted and crosschecked at ATFs, metal reprocessors, and other points of export of waste material. ATFs cannot meet targets on their own and depend on downstream metal reprocessors to use Post Shredder Technology (PST) on the Auto Shredder Residue fraction to further separate material for recycling. ELVES financially support these PST operations and thereby ensure that all the ATFs in our Network meet their targets, as legally required.

Year	2021	2022
Compliance (by units PoM):		
- New:	100%	100%
- Used:	13%	18%
ATF Network:		
- ATFs:	64%	64%
- ELVs (at shredder):	53%	Not Yet Available
- CoDs (in Network):	72%	78%

Year	2020	2021*
Targets (2020):		
- Reuse & Recycling:	90.3%	>85%
- Including Recovery:	97.1%	>95%

* Not verified by Environmental Protection Agency at time of publication

4. First Carbon Neutral Compliance Scheme in Ireland

ELVES became the first Carbon Neutral Compliance Scheme in 2022. It achieved the internationally recognised Carbon Footprint Standard, Carbon Neutral Plus for the period 2019-2021. The carbon neutral certification was attained through Carbon Footprint Ltd and represents the achievement of a goal set by the ELV compliance scheme in 2021. Carbon Footprint Ltd is a sustainability and carbon management specialist company which helps businesses to reduce emissions, operating costs, and develop sustainability credentials (www.carbonfootprint.com).

ELVES worked with Carbon Footprint Ltd to become carbon assessed through a review of the company's activities and energy use. Carbon Neutral certification was achieved through contributions made to Quality Assurance Scheme approved global offsetting projects equivalent to ELVES' carbon footprint plus an additional 25%. Equipped with these sustainability credentials ELVES is committed to remaining carbon neutral, not only by contributing to offsetting projects, but also by working to minimise emissions wherever it can in line with the goal of increasing the sustainability and circularity of our operations.

Recognising the importance of contributing to climate efforts locally as well as globally, ELVES is also supporting a native tree planting social enterprise here in Ireland, for an amount equivalent to their annual carbon footprint. The offsetting projects supported by ELVES through Carbon Footprint Ltd are Verified Carbon Standard certified renewal energy projects in developing countries. These not only supplant fossil fuel use, but also provide local community benefits such as employment, infrastructure and energy independence. Locally, ELVES is also a supporter of Wolfgang Reforest, an Irish native tree planting social enterprise. The enterprise seeks to address the biodiversity and climate crisis by restoring some of Ireland's diverse species woodland cover, one land parcel at a time. This year ELVES contributed to tree planting in the amount equivalent to our carbon footprint for a three-year period.

5. PR & Stakeholder Engagement

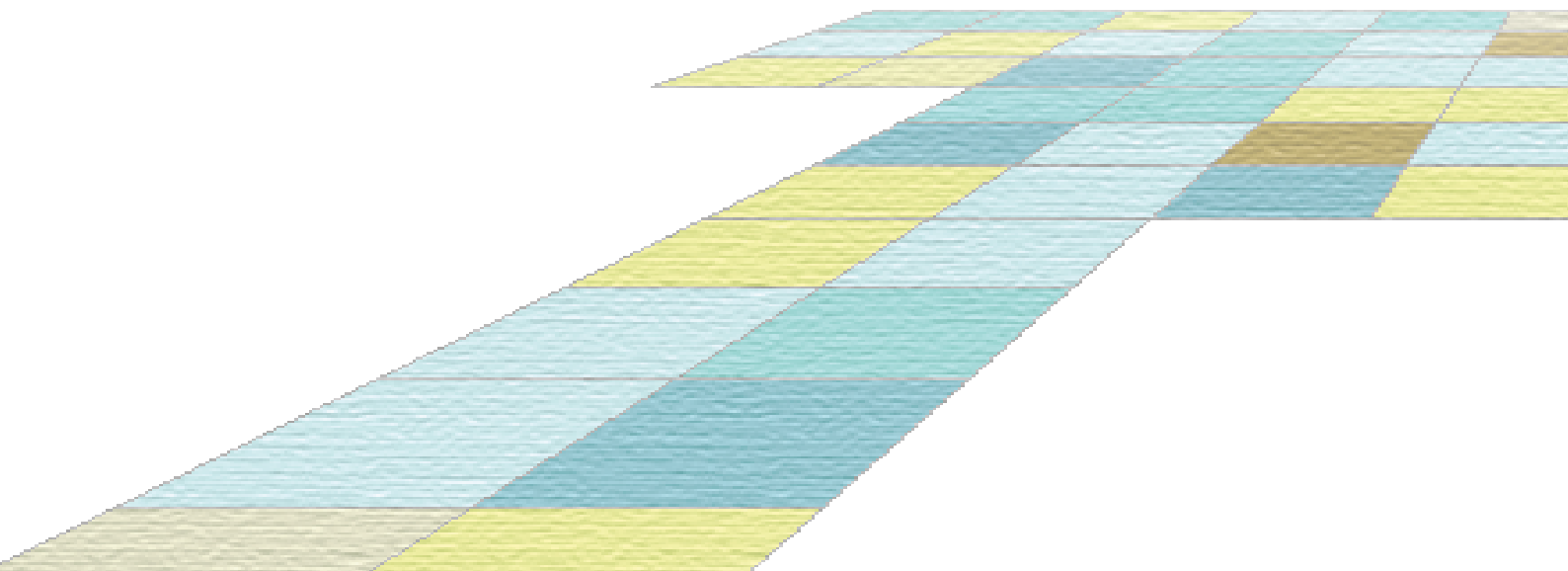
Electric ELVES

Electric ELVES is the programme for industrial batteries from hybrid and electric vehicles in Ireland. It was set up by ELVES in 2018 and information on its operation has been sent to ATFs, OEMs, Distributors, and dealerships. The Electric ELVES programme provides support to these undertakings should they receive an EV battery that needs collection and since 2019 has also offered ATF training. The programme is available to all ATFs, not just those in the ELVES Network. It also covers those EV batteries arising in the aftersales sectors. With the support of the Vehicle Manufacturers the programme provides a variety of supports to ATFs in the handling of these vehicles including:

- Hybrid and electric vehicle awareness training,
- Information on safe battery removal via the International Dismantling Information System,
- Additional manufacturer support in the event of a damaged EV battery, and
- Free collection and recycling of EV batteries, if required.

In 2022, Electric ELVES in-person hybrid and electric vehicle training returned in-person, having been delivered online during the Covid period. This started in March and was delivered at Plunket College (Dublin), Nissan Academy (Naas) and at the Waterford Wexford Training Centre (Waterford). Electric ELVES also introduced the first offering for ATFs in Ireland of a more advanced City and Guilds qualification in Hybrid and Electric Vehicle Repair and Replacement alongside the programme's original Safe Handling of Electric and Hybrid Vehicles awareness course. In 2022 alone, there were:

- 3 rounds of training delivered,
- 9 training days,
- 81 people trained,
- 6 introductory courses,
- 3 advanced level 2 courses, and
- Our locations comprise Dublin, Naas, Galway, Monaghan, Sligo, Athlone, Limerick (2), Cork, and Waterford.



In November ELVES invited Minister Ossian Smyth, Minister of State with responsibility for Public Procurement, eGovernment and Circular Economy to Plunket College, Dublin, to celebrate the success of the Electric ELVES training programme. At the event, the Minister was provided with a short demonstration of ATF training by trainer, Andy Latham of Salvage Wire Ltd. A key success of the Electric ELVES training programme has been the ability to offer training in the 9 locations and 10 venues countrywide. This has been made possible due to the enthusiastic support of a number of different training establishments. As a show of appreciation for their support, Minister Smyth personally thanked representatives of the training venues who have supported and hosted the Electric ELVES programme since its inception and presented specialised electric vehicle toolkits to representatives of each.

In 2022, ELVES convened the Critical Battery Working Group with strong representation from OEMs. This group formulated a protocol for the safe handling and treatment of industrial batteries from EVs, particularly if they are damaged (critical). Alongside this, ELVES contracted with a Dangerous Goods Safety Advisor to produce a report on the handling and transportation of these batteries in accordance with the latest national and international standards. In order to meet these standards, ELVES purchased a specialised battery transportation box for use by the permitted waste collectors in Ireland. This box is specifically for the storage and transport of defective or damaged lithium-ion batteries, transport in accordance with Packaging Instruction 911 of the Accord Dangereux Routier.

F-Gas Compliance

The removal of air conditioning gasses from scrap cars, is part of the depollution process of an ELV. The gases to be removed include F-Gases (Fluorinated Greenhouse gases) and are also governed by F-Gas Regulations. Furthermore, the F-Gas Regulations stipulate recognised training is required for those that undertake this step in the depollution process. Before Brexit, British qualification and certification was recognised in Ireland and the EU, but this is no longer the case. Identifying this as a potential issue for its Network, ELVES stepped in and developed its F-Gas Pilot project, providing Quality and Qualifications Ireland certified MAC training to ATFs in its Network. In late 2021, ELVES worked with the Environmental Protection Agency (EPA) to develop an ATF specific Guidance Document concerning the removal of air conditioning gases. The resulting guidance is available to download from the EPA's website, as well as from the ATF dedicated webpage on the ELVES website www.elves.ie/ForATFs. ELVES latest contribution in this area has been the development of a A3 Poster for ATFs, summarising the EPA's recent guidance. A hardcopy of this poster, How can my ATF meet its obligations around Air Conditioning (AC) System Gases was distributed to ATFs and is available for download on the ELVES website. The provision of F-Gas MAC Certificate training is ongoing, with an additional 12 people trained in 2022.

PRO Engagement

Nationally, ELVES has engaged with the other Producer Responsibility Organisations (PROs) in Ireland, particularly ERP Ireland and WEEE Ireland. This most notably concerns industrial batteries and the exchange of data on collection and recycling.

ELVES also had meetings with other EU ELV PROs in order to compare the implementation of the ELV Directive and national operations. These meetings were a useful exchange of expertise and experience on the current Directives and the forthcoming Regulations on ELVs and batteries, while providing feedback to the European Commission (EC) through a highly respected industry consultant who coordinates the meetings on behalf of the PROs.

EU, regulator & local authority engagement

In 2022, ELVES participated in the following meetings, webinars, committees, and workshops:

- Stakeholder Workshop on Impact Assessment of ELV Directive,
- Sligo IT Workshop for Waste Regulation & Management,
- Circuléire demonstration project: The LLLB re-use demonstration pilot was funded by the Circuléire Innovation Fund and sought to support the testing and scaling of circular manufacturing systems, supply chains and circular business models,
- Green Enterprise Workshop in the area of industrial battery research,
- EU Digital Passport in the Ecodesign for Sustainable Product Regulation: In the area of batteries, the Digital Product Passport is one of a number of initiatives by the EC leading to a sustainable Europe. The EC has presented a number of proposals aimed at improving product sustainability. One of the main initiatives is introducing a circular economy business model as part of the European Green Deal. The Green Deal is a plan for Europe's sustainable development and growth,
- Department of Environment, Climate, and Communications' (DECC) National Climate Stakeholder Forum: This Forum is a vital way to bring policy makers, State agencies, regulatory bodies, representative groups, and community and voluntary groups together from across Ireland to discuss our national approach to climate action,
- DECC Zero Emission Vehicles Ireland: This launched in 2022, being established as a dedicated office charged with supporting consumers, the public sector and businesses to continue to make the switch to zero emission vehicles. ELVES was delighted to be invited to participate in its workshops,
- ICG to National Waste Enforcement Steering Committee: The NWESC advises the WERLAs and local authorities on strategic national waste enforcement priorities. ELVES is on the ICG to this committee,
- ELVES organised a visit to the Clearway metal reprocessing facility in Belfast for the EPA and DECC, and
- International Automobile Recycling Congress: Annual congress attended by ELV PROs, Vehicle Manufacturer representatives, and the recycling industry.

A strong, effective enforcement regime is essential to ensure high levels of compliance and target achievement. While ELVES is responsible for the target achievement of its Network, it does not have direct responsibility for enforcement of the ELV Regulations. The WERLAs are responsible for coordinating waste enforcement actions within regions, setting priorities and common objectives for waste enforcement, ensuring consistent enforcement of waste legislation across the three existing waste management planning regions. According to the latest WERLA Annual Report 2021, under the End of Life Vehicles (ELV) Pilot Compliance Project:

“The ELV pilot compliance enforcement project continued in 2021 with inspections limited due to the Covid-19 pandemic. Targeted inspections of specified vehicle producers continue to be carried out by local authorities. The withdrawal of the United Kingdom (UK) from the European Union (EU) impacted on producers importing used vehicles into the State. From the 1st of January 2021, producers importing used vehicles from the UK are subject to additional costs in terms of import tariffs.”

ELVES continued to meet regularly with the EPA regarding data collection and calculation of the ELV targets. A focus for 2022 was reviewing the 2014 shredder trial undertaken by ELVES and SIMI and assessing potential impact of gradual changes in the make-up of ELVs on the data used from the trial. ELVES expects a new EU ELV Regulation to make changes to the way target achievement is reported and plans to design a new shredder trial to incorporate any changes.

With regard to supporting enforcement, ELVES role is primarily one of compliance assistance to the sites in its Network that are permitted to accept ELVs for treatment and to potential Producer members. This type of assistance sits at the base of the enforcement pyramid, in the area of education and guidance, and is a continuous activity for ELVES.

ELVES provides compliance support to its Network in a variety of forms including assistance in completing Annual Returns, guidance on F-Gas Regulation compliance and free MAC training. In early 2022, the EPA published its guidance on Recovery of Air Conditioning System Fluids from ELVs at Authorised Treatment Facilities and Metal Shredder Sites, guidance that ELVES contributed significantly to. To support awareness ELVES produced and distributed an accompanying poster for ATFs outlining their key obligations. Information to support ATF compliance is freely available on www.elves.ie/ForATFs.

In addition, budget to financially support enforcement activities by the authorities is available but has yet to be requested by the WERLAs or DECC. ELVES also has a ‘report an illegal’ breaker function on its website. Any submissions to this facility are forwarded onto the enforcement authorities for action.

Education and Awareness

ELVES activities aimed at increasing awareness of the correct way to scrap a vehicle, promotion of its ATF Network and raising awareness around vehicle importer obligations continued in 2022.

After a hiatus, ELVES was once again back at Forever Young Festival bring the car recycling message to festival goers. Our participation was supported by radio tie ins promoting our involvement as well as regular radio adverts aimed at both vehicle importers and the public.

Our promotion on social media streams continued with competitions and promotion of key messages, as did our production of flyers ‘Has your old car or van reached the end of the road’ for inclusion in Motor Tax Renewal reminders.

In 2022 our activities were featured prominently in industry publications such as Autobiz, Autotrade and ATF Professional. ELVES also made use of the reach of local newspapers and their social networks featuring a question and answer-based advertorial 'Have you ever scrapped a car? Would you know what to do or where to go?'.

The expenditure on awareness was 8% of the total, and occurs across the following areas:

- Advertising,
- PR Consultants,
- Merchandise,
- Marketing,
- Website/ logo/ branding/ design,
- Conference & Network Events,
- Trade shows & Exhibitions, and
- DoT Leaflet with motor tax

6. ELVES & The Circular Economy

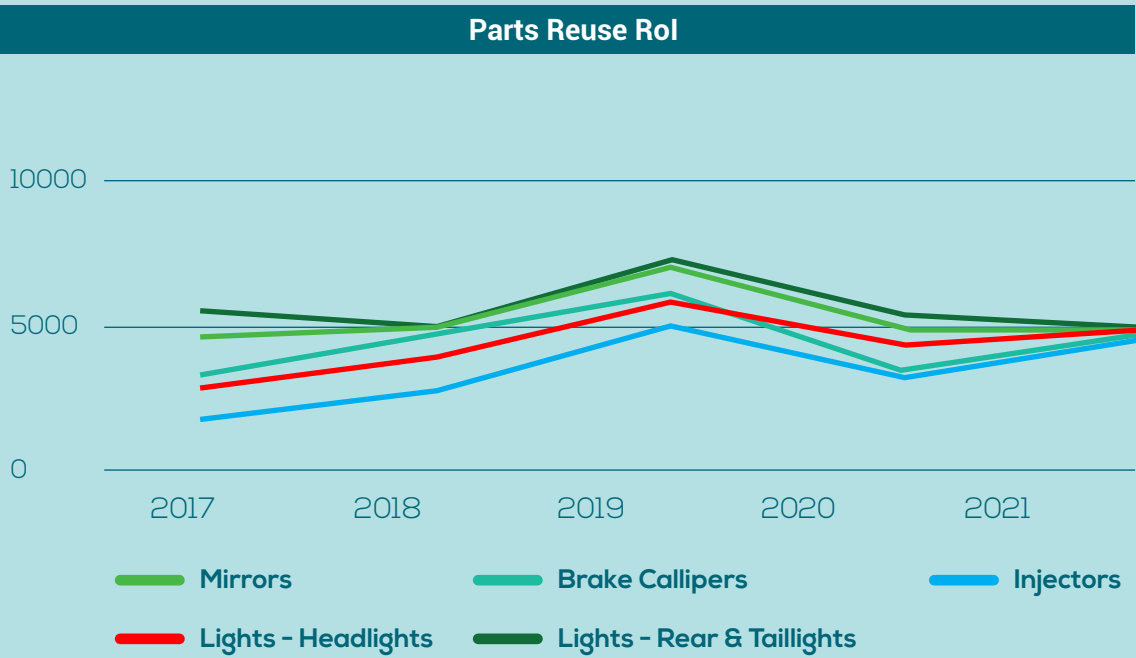
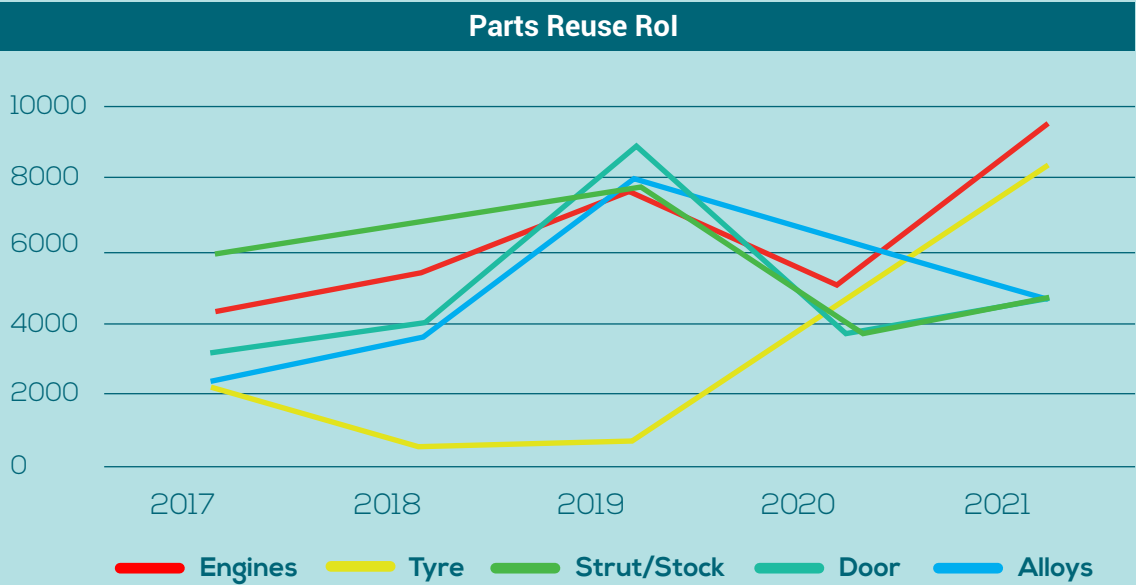
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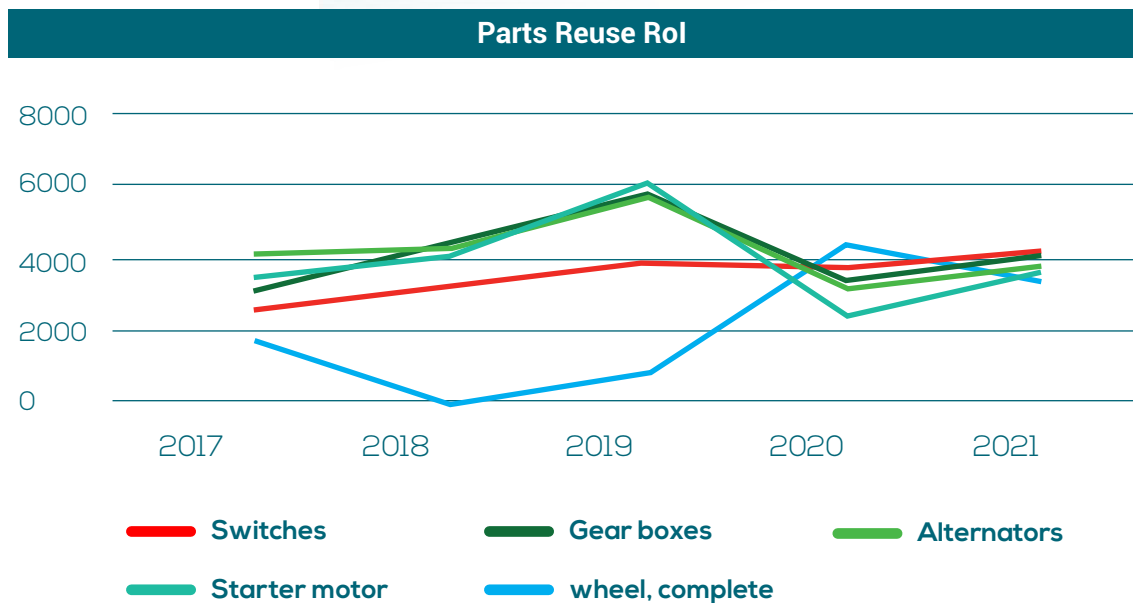
ELVES is fully supportive of Ireland's transition to a circular economy and supporting the maintenance and improvement in the circular characteristics of the ELV Sector. As part of its work and where possible given its mandate, ELVES looks for opportunities where it can play a role.

Reuse of Parts

ELVES and its Network of ATFs continues to support the reuse of car parts, a long-standing tradition within the industry. This was done through again running a Reuse Month competition, and continuous promotion of green parts via our social media channels and website.

ELVES has been counting the reuse of parts since 2017 and the latest data of the top 15 parts by quantity are shown in the graphs below. It shows a healthy circular economy in practice with the expected increase after 2020 and the maintenance of older vehicles.





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Reuse and Recycling in the ELVs of the future

ELVES, through its Electric ELVES programme, is helping prepare ATFs for electrification and ensuring they have the awareness and skills needed to manage electrified ELVs when they arise. In 2022 ELVES applied for funding through the EPA's Green Enterprise Programme, a Government of Ireland initiative, for its Electric Loops project. The Electric Loops project was successfully approved for funding and will commence in 2023. The project will see an electric vehicle dismantled and its parts evaluated to understand their value for reuse and recycling, thereby helping to create a future circular economy. The project will help ATFs and metal recyclers create the reuse and recycling avenues needed for the ELVs of the future.

Supportive Regulation

Regulation aimed to support the transition to a circular economy is in train at both a national and EU level. ELVES is supportive of the measures introduced through the Circular Economy Bill and the Waste Action Plan for a Circular Economy and those that apply to its operation as an Extended Producer Responsibility scheme. In 2022 ELVES participated in the EUs Stakeholder Workshop on Impact Assessment of ELV Directive and is expecting a first proposal for a new ELV Regulation in 2023 (delayed from 2022). It is anticipated that the ELV Regulation will take a circular economy approach to ELVs and will lay the regulatory goal posts for future ELV management.

7. Green Procurement

ELVES operates a Sustainable Procurement Policy incorporating green, circular and ethical procurement. As part of its commitment to this policy it has committed to report on the steps undertaken in each area of procurement during the year.

Road transport vehicles and services

50% of the fleet is fully electric. Journeys are pooled where possible.

Cleaning products and services

Cleaning services were reduced in 2022.

Electronic products

No new electronic products were purchased in 2022.

Paper products and printing services

Paper purchased for day-to-day printing was Ecolabel certified. Two runs of the DoT Motor tax renewal reminder flyer were printed in 2022 on recycled (and recyclable paper).

Food and Catering Services

Not assessed for 2022 due to staff working from home. The Electric ELVES Minister event used external catering, with reusable cutlery and cups requested and used for the event.

Textile products and services and merchandise

No ELVES merchandise was purchased in 2022.

Carbon footprint

ELVES is the first PRO to achieve the internationally recognized Carbon Footprint Standard, Carbon Assessed, and to achieve Carbon Footprint Standard, *Carbon Neutral* standard in 2022.



ELV ENVIRONMENTAL SERVICES CLG.
UNIT 15-4, WORKSPACE CENTRE,
MAYORALTY STREET, DROGHEDA,
CO. LOUTH, IRELAND.
A92 E368

EMAIL: INFO@ELVES.IE
WEB: WWW.ELVES.IE

