

Basic information	
<p>2023/0284(COD)</p> <p>COD - Ordinary legislative procedure (ex-codecision procedure) Regulation</p>	Awaiting committee decision
<p>Circularity requirements for vehicle design and management of end-of-life vehicles</p> <p>Repealing Directive 2000/53 1997/0194(COD) Repealing Directive 2005/64 2004/0053(COD) Amending Regulation 2018/858 2016/0014(COD) Amending Regulation 2019/1020 2017/0353(COD)</p> <p>Subject</p> <p>2.10.03 Standardisation, EC/EU standards and trade mark, certification, compliance 3.20.06 Transport regulations, road safety, roadworthiness tests, driving licence 3.40.03 Motor industry, cycle and motorcycle, commercial and agricultural vehicles 3.70.12 Waste management, domestic waste, packaging, light industrial waste</p>	

Key players			
European Parliament	Joint committee responsible	Rapporteur	Appointed
	ENVI Environment, Climate and Food Safety	GIESEKE Jens (EPP)	22/10/2024
	IMCO Internal Market and Consumer Protection	SAUDARGAS Paulius (EPP)	22/10/2024
		<p>Shadow rapporteur</p> <p>MARAN Pierfrancesco (S&D)</p> <p>RICCI Matteo (S&D)</p> <p>TUREK Filip (PfE)</p> <p>SARDONE Silvia (PfE)</p> <p>MÜLLER Piotr (ECR)</p> <p>VONDRA Alexandr (ECR)</p> <p>IJABS Ivars (Renew)</p> <p>CANFIN Pascal (Renew)</p> <p>CORMAND David (Greens /EFA)</p> <p>MATTHIEU Sara (Greens /EFA)</p> <p>SJÖSTEDT Jonas (The Left)</p> <p>FLANAGAN Luke Ming (The Left)</p> <p>ARNDT Anja (ESN)</p>	

Former joint committee responsible	Former rapporteur	Appointed
ENVI Environment, Climate and Food Safety	GIESEKE Jens (EPP)	23/08/2023
	Shadow rapporteur VARIATI Achille (S&D) CANFIN Pascal (Renew) GALLÉE Malte (Greens /EFA) LANCINI Danilo Oscar (ID) MESURE Marina (The Left)	

Committee for opinion	Rapporteur for opinion	Appointed
TRAN Transport and Tourism	MEHNERT Alexandra (EPP)	13/09/2024


Former committee for opinion	Former rapporteur for opinion	Appointed
IMCO Internal Market and Consumer Protection (Associated committee)		
TRAN Transport and Tourism	VIRKKUNEN Henna (EPP)	31/08/2023

Council of the European Union

European Commission

Commission DG	Commissioner
Environment	SINKEVIUS Virginijus

European Economic and Social Committee

Key events			
Date	Event	Reference	Summary
13/07/2023	Legislative proposal published	COM(2023)0451 	Summary
19/10/2023	Committee referral announced in Parliament, 1st reading		
19/10/2023	Referral to associated committees announced in Parliament		
13/11/2024	Committee referral announced in Parliament, 1st reading		

Forecasts

09/09/2025 Indicative plenary sitting date, 1st reading

Technical information





Procedure reference	2023/0284(COD)
Procedure type	COD - Ordinary legislative procedure (ex-codecision procedure)
Procedure subtype	Legislation
Legislative instrument	Regulation
	Repealing Directive 2000/53 1997/0194(COD) Repealing Directive 2005/64 2004/0053(COD) Amending Regulation 2018/858 2016/0014(COD) Amending Regulation 2019/1020 2017/0353(COD)
Legal basis	Rules of Procedure EP 57_o Rules of Procedure EP 59 Treaty on the Functioning of the EU TFEU 114
Mandatory consultation of other institutions	European Economic and Social Committee
Stage reached in procedure	Awaiting committee decision
Committee dossier	CJ45/10/01639

Documentation gateway

European Parliament

Document type	Committee	Reference	Date	Summary
Committee draft report		PE768.004	21/01/2025	
Amendments tabled in committee		PE770.002	21/02/2025	
Amendments tabled in committee		PE769.982	24/02/2025	
Amendments tabled in committee		PE770.038	24/02/2025	
Amendments tabled in committee		PE770.047	24/02/2025	
Amendments tabled in committee		PE770.040	24/02/2025	
Amendments tabled in committee		PE770.043	24/02/2025	
Amendments tabled in committee		PE770.036	24/02/2025	
Amendments tabled in committee		PE770.042	27/02/2025	

European Commission

Document type	Reference	Date	Summary
Document attached to the procedure	SWD(2023)0255 	13/07/2023	
Document attached to the procedure	SEC(2023)0292 	13/07/2023	
Document attached to the procedure	SWD(2023)0257 	13/07/2023	
Document attached to the procedure	SWD(2023)0256	13/07/2023	
Legislative proposal	COM(2023)0451 	13/07/2023	Summary

National parliaments

Document type	Parliament /Chamber	Reference	Date	Summary
Contribution	CZ_SENATE	COM(2023)0451	04/12/2023	
Contribution	IT_CHAMBER	COM(2023)0451	12/12/2023	
Contribution	DE_BUNDESRAT	COM(2023)0451	20/12/2023	
Contribution	IT_SENATE	COM(2023)0451	05/01/2024	

Other institutions and bodies

Institution/body	Document type	Reference	Date	Summary
ESC	Economic and Social Committee: opinion, report	CES3741/2023	13/12/2023	

Additional information

Source	Document	Date
EP Research Service	Briefing	01/12/2023

Meetings with interest representatives published in line with the Rules of Procedure

Rapporteurs, Shadow Rapporteurs and Committee Chairs

Name	Role	Committee	Date	Interest representatives
VASCONCELOS Ana	Shadow rapporteur for opinion	TRAN	17/03/2025	IVECO GROUP N.V.
MÜLLER Piotr	Shadow rapporteur	IMCO	05/03/2025	Goodyear Europe B.V
MÜLLER Piotr	Shadow rapporteur	IMCO	03/03/2025	European Recycling Industries' Confederation
MARAN Pierfrancesco	Shadow rapporteur	IMCO	27/02/2025	Flint Europe
MEHNERT Alexandra	Rapporteur for opinion	TRAN	21/02/2025	Honeywell Europe NV
MÜLLER Piotr	Shadow rapporteur	IMCO	19/02/2025	Stowarzyszenie Dystrybutorów i Producentów Czci Motoryzacyjnych
MARAN Pierfrancesco	Shadow rapporteur	IMCO	19/02/2025	Associazione demolitori autoveicoli
VONDRA Alexandr	Shadow rapporteur	ENVI	19/02/2025	Veolia Environnement
CANFIN Pascal	Shadow rapporteur	ENVI	18/02/2025	Fédération Nationale de l'Automobile
MEHNERT Alexandra	Rapporteur for opinion	TRAN	17/02/2025	European Recycling Industries' Confederation
MEHNERT Alexandra	Rapporteur for opinion	TRAN	17/02/2025	EUROMETAUX
	Shadow			

MÜLLER Piotr	rapporteur	IMCO	14/02/2025	MUST & Partners
MARAN Pierfrancesco	Shadow rapporteur	IMCO	12/02/2025	Hyundai Motor Europe
MÜLLER Piotr	Shadow rapporteur	IMCO	07/02/2025	TOYOTA MOTOR EUROPE
MÜLLER Piotr	Shadow rapporteur	IMCO	07/02/2025	Association des Constructeurs Européens de Motocycles
MÜLLER Piotr	Shadow rapporteur	IMCO	07/02/2025	DENSO International Europe DGA Group Europe SA
VASCONCELOS Ana	Shadow rapporteur for opinion	TRAN	07/02/2025	MUST & Partners
CANFIN Pascal	Shadow rapporteur	ENVI	07/02/2025	European Recycling Industries' Confederation
MÜLLER Piotr	Shadow rapporteur	IMCO	06/02/2025	Bayerische Motoren Werke Aktiengesellschaft
MÜLLER Piotr	Shadow rapporteur	IMCO	06/02/2025	Volkswagen Aktiengesellschaft
VASCONCELOS Ana	Shadow rapporteur for opinion	TRAN	06/02/2025	Hyundai Motor Europe TOYOTA MOTOR EUROPE
MARAN Pierfrancesco	Shadow rapporteur	IMCO	06/02/2025	Associazione Nazionale fra le Imprese Assicuratrici
MARAN Pierfrancesco	Shadow rapporteur	IMCO	06/02/2025	Gesamtverband der Deutschen Versicherungswirtschaft e.V.
MARAN Pierfrancesco	Shadow rapporteur	IMCO	06/02/2025	Arbeitsgemeinschaft der Versicherungsvereine auf Gegenseitigkeit e.V.
MARAN Pierfrancesco	Shadow rapporteur	IMCO	06/02/2025	Associazione Nazionale fra le Imprese Assicuratrici Gesamtverband der Deutschen Versicherungswirtschaft e.V. Insurance Europe
MÜLLER Piotr	Shadow rapporteur	IMCO	05/02/2025	FIGIEFA - Fédération Internationale des Grossistes, Importateurs & Exportateurs en Fournitures Automobiles / International Federation of Automotive Distributors
TUREK Filip	Shadow rapporteur	IMCO	05/02/2025	European Automobile Manufacturers' Association
IJABS Ivars	Shadow rapporteur	IMCO	04/02/2025	Hyundai Motor Europe
IJABS Ivars	Shadow rapporteur	IMCO	04/02/2025	Scania
MÜLLER Piotr	Shadow rapporteur	IMCO	04/02/2025	Fédération Internationale de l'Automobile
MARAN Pierfrancesco	Shadow rapporteur	IMCO	04/02/2025	IVECO GROUP N.V.
TUREK Filip	Shadow rapporteur	IMCO	04/02/2025	FIGIEFA - Fédération Internationale des Grossistes, Importateurs & Exportateurs en Fournitures Automobiles / International Federation of Automotive Distributors
SJÖSTEDT Jonas	Shadow rapporteur	ENVI	04/02/2025	European Environmental Bureau
MÜLLER Piotr	Shadow rapporteur	IMCO	03/02/2025	Glass for Europe
CANFIN Pascal	Shadow rapporteur	ENVI	03/02/2025	Alliance for the Freedom of the CAR Repair
SAUDARGAS Paulius	Rapporteur	IMCO	31/01/2025	FIGIEFA - Fédération Internationale des Grossistes, Importateurs & Exportateurs en Fournitures Automobiles / International Federation of Automotive Distributors
MARAN Pierfrancesco	Shadow rapporteur	IMCO	31/01/2025	Association des Constructeurs Européens de Motocycles
MARAN Pierfrancesco	Shadow rapporteur	IMCO	31/01/2025	Scania AB (publ)

SJÖSTEDT Jonas	Shadow rapporteur	ENVI	31/01/2025	European Aluminium
SAUDARGAS Paulius	Rapporteur	IMCO	30/01/2025	Mazda Motor Logistics Europe N.V.
SAUDARGAS Paulius	Rapporteur	IMCO	30/01/2025	European Tyre & Rubber Manufacturers' Association
SAUDARGAS Paulius	Rapporteur	IMCO	30/01/2025	A-Gas International Ltd.
SAUDARGAS Paulius	Rapporteur	IMCO	30/01/2025	MUST & Partners
VONDRA Alexandr	Shadow rapporteur	ENVI	30/01/2025	Mazda Motor Logistics Europe N.V.
MARAN Pierfrancesco	Shadow rapporteur	IMCO	30/01/2025	Plastics Recyclers Europe
SJÖSTEDT Jonas	Shadow rapporteur	ENVI	30/01/2025	European association of automotive suppliers
MÜLLER Piotr	Shadow rapporteur	IMCO	29/01/2025	Mazda Motor Logistics Europe N.V.
VONDRA Alexandr	Shadow rapporteur	ENVI	29/01/2025	Acea S.p.A.
IJABS Ivars	Shadow rapporteur	IMCO	29/01/2025	Glass for Europe
VASCONCELOS Ana	Shadow rapporteur for opinion	TRAN	29/01/2025	BASF SE DENSO International Europe European Environmental Bureau FORVIA Gesamtverband der Deutschen Versicherungswirtschaft e.V. Glass for Europe Halte à l'obsolescence programmée (HOP) Mazda Motor Logistics Europe N.V. Plastics Europe Veolia Environnement Volkswagen Aktiengesellschaft CLEPA ACEM ACEA
TUREK Filip	Shadow rapporteur	IMCO	29/01/2025	Mazda Motor Logistics Europe N.V.
CANFIN Pascal	Shadow rapporteur	ENVI	29/01/2025	European Tyre & Rubber Manufacturers' Association
MARAN Pierfrancesco	Shadow rapporteur	IMCO	29/01/2025	EUROMETAUX European Aluminium AISBL International Copper Association Europe
SJÖSTEDT Jonas	Shadow rapporteur	ENVI	29/01/2025	Halte à l'obsolescence programmée (HOP)
SJÖSTEDT Jonas	Shadow rapporteur	ENVI	29/01/2025	Nätverket på gemensam väg
SJÖSTEDT Jonas	Shadow rapporteur	ENVI	29/01/2025	Plastics Recyclers Europe
IJABS Ivars	Shadow rapporteur	IMCO	28/01/2025	Mazda Motor Logistics Europe N.V.
IJABS Ivars	Shadow rapporteur	IMCO	28/01/2025	eBay
SAUDARGAS Paulius	Rapporteur	IMCO	28/01/2025	eBay EU liaison office
TUREK Filip	Shadow rapporteur	IMCO	28/01/2025	DENSO International Europe
MEHNERT Alexandra	Rapporteur for opinion	TRAN	28/01/2025	Mazda Motor Logistics Europe N.V.
SJÖSTEDT	Shadow			

Jonas	rapporteur	ENVI	28/01/2025	Fédération Internationale des Véhicules Anciens
SJÖSTEDT Jonas	Shadow rapporteur	ENVI	28/01/2025	BMW
CANFIN Pascal	Shadow rapporteur	ENVI	27/01/2025	Association des Constructeurs Européens d'Automobiles
CANFIN Pascal	Shadow rapporteur	ENVI	27/01/2025	Scania AB (publ)
MARAN Pierfrancesco	Shadow rapporteur	IMCO	24/01/2025	MUST & Partners
CANFIN Pascal	Shadow rapporteur	ENVI	24/01/2025	Galloo France
MARAN Pierfrancesco	Shadow rapporteur	IMCO	22/01/2025	The Chemours Company
MARAN Pierfrancesco	Shadow rapporteur	IMCO	21/01/2025	Confederazione Generale dell'Industria Italiana
CANFIN Pascal	Shadow rapporteur	ENVI	16/01/2025	Gesamtverband der Deutschen Versicherungswirtschaft e.V.
CANFIN Pascal	Shadow rapporteur	ENVI	16/01/2025	AVERE - The European Association for Electromobility
SAUDARGAS Paulius	Rapporteur	IMCO	15/01/2025	Plastics Recyclers Europe
MARAN Pierfrancesco	Shadow rapporteur	IMCO	15/01/2025	Alliance for the Freedom of Car Repair AFCAR
MARAN Pierfrancesco	Shadow rapporteur	IMCO	14/01/2025	FORVIA
CANFIN Pascal	Shadow rapporteur	ENVI	10/01/2025	Retrofit Mobility Europe
MARAN Pierfrancesco	Shadow rapporteur	IMCO	08/01/2025	European Environmental Bureau
CANFIN Pascal	Shadow rapporteur	ENVI	07/01/2025	Borealis AG Braskem Netherlands Neste Oyj UPM-Kymmene Oyj
CANFIN Pascal	Shadow rapporteur	ENVI	18/12/2024	European Association Automotive Suppliers
MARAN Pierfrancesco	Shadow rapporteur	IMCO	17/12/2024	European Tyre & Rubber Manufacturers' Association Pirelli & C. SpA
MATTHIEU Sara	Shadow rapporteur	ENVI	16/12/2024	International Council on Clean Transportation
MARAN Pierfrancesco	Shadow rapporteur	IMCO	12/12/2024	Transport and Environment (European Federation for Transport and Environment)
SAUDARGAS Paulius	Rapporteur	IMCO	12/12/2024	Honda Motor Europe
MATTHIEU Sara	Shadow rapporteur	ENVI	12/12/2024	European Environmental Bureau
CANFIN Pascal	Shadow rapporteur	ENVI	12/12/2024	RENAULT
MARAN Pierfrancesco	Shadow rapporteur	IMCO	10/12/2024	ADPA - European Independent Automotive Data Publishers Association
MARAN Pierfrancesco	Shadow rapporteur	IMCO	10/12/2024	Association des Constructeurs Européens d'Automobiles
CANFIN Pascal	Shadow rapporteur	ENVI	10/12/2024	Novelis Europe
MARAN Pierfrancesco	Shadow rapporteur	IMCO	04/12/2024	European Association Automotive Suppliers
MARAN	Shadow			

Pierfrancesco	rapporteur	IMCO	04/12/2024	Ferrari
CANFIN Pascal	Shadow rapporteur	ENVI	25/11/2024	European Aluminium AISBL
GIESEKE Jens	Rapporteur	ENVI	20/11/2024	Continental AG European Tyre & Rubber Manufacturers' Association
GIESEKE Jens	Rapporteur	ENVI	20/11/2024	Henkel AG & Co. KGaA
CANFIN Pascal	Shadow rapporteur	ENVI	18/11/2024	Norsk Hydro
CANFIN Pascal	Shadow rapporteur	ENVI	14/11/2024	Transport and Environment (European Federation for Transport and Environment)
MEHNERT Alexandra	Rapporteur for opinion	TRAN	06/11/2024	MAN Truck & Bus SE Volkswagen Aktiengesellschaft
GIESEKE Jens	Rapporteur	ENVI	18/09/2024	European Aluminium AISBL
GIESEKE Jens	Rapporteur	ENVI	23/02/2024	bvse-Bundesverband Sekundärrohstoffe und Entsorgung e.V.
GIESEKE Jens	Rapporteur	ENVI	30/01/2024	Wirtschaftsvereinigung Metalle
GIESEKE Jens	Shadow rapporteur	ENVI	10/01/2024	Bundesverband der Deutschen Industrie e.V. (BDI)
GALLÉE Malte	Shadow rapporteur	ENVI	16/11/2023	Deutsche Umwelthilfe e.V. Environmental Coalition on Standards European Environmental Bureau 06798511314-27 03506017714-81 96668093651-33
GIESEKE Jens	Shadow rapporteur	ENVI	14/11/2023	Novelis Europe
GALLÉE Malte	Shadow rapporteur	ENVI	14/11/2023	Novelis Europe 796803211721-67
VIRKKUNEN Henna	Rapporteur for opinion	TRAN	28/09/2023	Finnish Ministry of Environment Finnish Ministry of Transport and Communications

Other Members

Name	Date	Interest representatives
ARIMONT Pascal	12/03/2025	Mission of Japan to the EU
DANIELSSON Johan	10/03/2025	Sveriges MotorCyklister
WÖLKEN Tiemo	27/02/2025	Pöppelmann
AGIRREGOITIA MARTÍNEZ Oihane	21/02/2025	Grupo Copo
MORETTI Alessandra	19/02/2025	MUST & Partners
TIMGREN Beatrice	18/02/2025	The European Automobile manufactures association
FRIGOUT Anne-Sophie	18/02/2025	Mazda Motor Logistics Europe N.V.
ARIMONT Pascal	17/02/2025	Febelauto
DANIELSSON Johan	13/02/2025	Motorhistoriska Riksförbundet MHRF Riksförbundet M Sverige
ARIMONT Pascal	12/02/2025	Acea S.p.A.
FRIGOUT Anne-Sophie	11/02/2025	European Automobile Manufacturers' Association
SOLÍS PÉREZ Susana	11/02/2025	AEDRA
VLEAN Adina	06/02/2025	ACEA - European Automobile Manufacturers' Association
VLEAN Adina	06/02/2025	Plastics Europe
GLÜCK Andreas	06/02/2025	Ferrari

GLÜCK Andreas	06/02/2025	ACEA
VLEAN Adina	29/01/2025	Mazda Motor Logistics Europe N.V.
GLÜCK Andreas	28/01/2025	ZF
SOLÍS PÉREZ Susana	28/01/2025	SIGRAUTO
DANIELSSON Johan	24/01/2025	KABE Husvagn- och Husbilsbranschens Riksförbund
GLÜCK Andreas	15/01/2025	FORVIA Veolia Environnement
DANIELSSON Johan	16/12/2024	Motorhistoriska Riksförbundet MHRF
ARIMONT Pascal	26/11/2024	FEBELAUTO asbl
HERRANZ GARCÍA Esther	19/11/2024	ANFAC
DANIELSSON Johan	11/11/2024	Motorhistoriska Riksförbundet MHRF
DANIELSSON Johan	17/10/2024	Fédération Internationale des Véhicules Anciens
WÖLKEN Tiemo	16/10/2024	Novelis Europe
DANIELSSON Johan	16/09/2024	Motorhistoriska Riksförbundet MHRF
LUENA César	23/01/2024	CELSA Group
FRITZON Heléne	13/11/2023	Sveriges Fordonsbyggares Riksförbund Motorhistoriska Riksförbundet
THALER Barbara	31/10/2023	Ragg GmbH

Circularity requirements for vehicle design and management of end-of-life vehicles

2023/0284(COD) - 13/07/2023 - Legislative proposal

PURPOSE: to enhance the circularity of the automotive sector, covering the design, production and end-of-life treatment of vehicles.

PROPOSED ACT: Regulation of the European Parliament and of the Council.

ROLE OF THE EUROPEAN PARLIAMENT: the European Parliament decides in accordance with the ordinary legislative procedure and on an equal footing with the Council.

BACKGROUND: the production of vehicles is one of the most resource-intensive industries. Europe's automotive sector is responsible for 19% of demand for the EU's steel industry (over 7 million tonnes/year), 10% of overall consumption of plastics (6 million tonnes/year), a significant share of the demand for aluminium (42% for all transport equipment, around 2 million tonnes/year), copper (6% for automotive parts), rubber (65% of the production of general rubber goods) and glass (1.5 million tonnes of flat glass produced in the EU).

Every year, over six million vehicles in Europe reach the end of their life. Inadequate handling of vehicles at the end of their life results in lost value and pollution. The recent evaluation of the existing EU legislation regulating the area - Directive 2000/53/EC on end-of-life vehicles (ELV Directive,) and Directive 2005/64/EC on the type-approval of motor vehicles with regard to their reusability, recyclability and recoverability (3R type-approval Directive) - has shown that considerable improvements were needed to boost the transition of the automotive sector to a circular economy, thereby reducing the environmental impact linked to the production and end-of-life treatment of vehicles, and strengthening the sustainability of the automotive and recycling industry in Europe.

Moreover, the electrification of vehicles will further increase the need for critical raw materials (CRMs) such as rare earths. Making new vehicles more sustainable and circular is essential to address our dependencies, lower the environmental impact linked to the extraction and processing of primary materials used in vehicles, as well to facilitate the re-use and recycling of vehicles reaching the end of their life.

CONTENT: the Commission has revised the existing legislation and proposes a single regulation that focuses on several key elements to improve quality in design, collection, and recycling. The draft regulation lays down circularity requirements on vehicle design and production related to reusability, recyclability and recoverability and the use of recycled content, which are to be verified at type-approval of vehicles, and on information and labelling requirements on parts, components and materials in vehicles. It also lays down requirements on **extended producer responsibility, collection and treatment of end-of-life vehicles**, as well as on the **export of used vehicles** from the Union to third countries.

The proposal aims to:

- improve the functioning of the EU internal market by **reducing the negative environmental impacts** linked to the design, production, service life and end-of-life treatment of vehicles and contributing to the sustainability of the automotive and recycling sectors;
- facilitate and increase the **removal, reuse, remanufacturing and recycling** of materials, parts and components contained in vehicles;
- increase the **use of recycled materials** in the production of vehicles, thereby incentivising recycling, reducing strategic dependencies of raw materials and supporting the decarbonisation of the automotive industry;

- increase **circularity for lorries, buses, trailers and certain L-category vehicles** currently outside the scope of the ELV and 3R type-approval legislation;

- improve treatment of end-of-life vehicles by increasing the quantity and quality of materials re-used, remanufactured and recycled, thereby reducing the environmental footprint linked to the end-of-life stage.

General provisions

The proposal states that the majority of its provisions apply to vehicles of categories M1 and N1 (cars and vans). Certain provisions on the management of end-of-life vehicles and on export requirements also apply to certain L-category vehicles (vehicles of categories L3e, L4e, L5e, L6e and L7e), to lorries, buses and to trailers (vehicles of categories M2, M3, N2, N3 and O).

Circularity requirements concerning vehicle design

The proposal lays down minimum requirements on the reusability, recyclability and recoverability of vehicle types, specifying the rates to be achieved by each type. It restricts the use of lead, cadmium, mercury and hexavalent chromium in vehicles and Annex III provide exemptions from this restriction. It is required that each vehicle type contains at least **25%** of plastic recycled from postconsumer plastic waste, and that 25% of such material should come from recycled end-of-life vehicles. The proposal also lays down a requirement to design vehicles in a manner that enables the removal and replacement of electric vehicle batteries and e-drive motors from the vehicle type during both the use phase and the waste phase.

Management of end-of-life vehicles

To facilitate the end-of-life treatment of vehicles, vehicle manufacturers should provide, via digital tools, accurate, complete and up-to-date information on the safe removal and replacement of vehicle parts and components. A Circularity Vehicle Passport should therefore be developed and made available as a data carrier for such information.

Member States are required to create a register that will monitor compliance of producers with these requirements. The costs related to managing end-of-life vehicles that should be covered by financial contributions of producers.

Requirements are laid down concerning the depollution of end-of-life vehicles, indicating that removed fluids and liquids must be separately stored, similarly as parts, components and materials containing lead, cadmium, mercury and hexavalent chromium.

Lastly, the proposal aims to put an end to "disappearances" of vehicles, by means of more inspections, interoperability of national vehicle registration systems, a better distinction between second-hand vehicles and end-of-life vehicles, and a ban on the export of second-hand vehicles that are not roadworthy.

According to the Commission, the proposed regulation should deliver substantial environmental benefits, including an annual reduction of 12.3 million tonnes of CO₂ emissions by 2035, better recovery of 5.4 million tonnes of materials and increased recovery of critical raw materials.