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REGIONAL WORKSHOP ON EUROPEAN WASTE MANAGEMENT REPORTING

EU INSTITUTIONAL AND LEGAL FRAMEWORK FOR REPORTING OF WASTE DATA

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OVERVIEW - NEW/REVISED REPORTING OBLIGATIONS FOR SPECIFIC WASTE STREAMS

- Municipal Waste
- Food Waste
- Reporting on Reuse, Waste oils
- Packaging and Packaging Waste
 - Including lightweight plastic carrier bags
- ELV, BATT, WEEE
- Single Use Plastics

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LEGAL FRAMEWORK FOR WASTE REPORTING - (EU WASTE LEGISLATION/ CIRCULAR ECONOMY PACKAGE)

Waste legislation (Revision = Implementation of the Circular Economy Package 2015)

- Waste Framework Directive (WFD) 2008/98/EC → [2018/851/EC](#)
- Packaging and packaging waste Directive (PPWD) 94/62/EC → [2018/852/EC](#)
- End of Life Vehicles Directive (ELV) 2000/53/EC → [2018/849/EC](#)
- Waste Electrical and Electronic Equipment Directive (WEEE) 2012/19/EC → [2018/849/EC](#)
- Batteries Directive (BATT) 2006/66/EC → [2018/849/EC](#)
- Landfill Directive 1999/31/EC → [2018/850/EC](#)

Timeline

- 5 July 2018: entry into force
- 31 March 2019: deadline for Implemented Acts (IA) & Delegated Acts (DA)
- 5 July 2020: deadline for transposition into national law

European Strategy for Plastics

- Single Use Plastics Directive (SUP) 2019/904/EC

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MUNICIPAL WASTE REPORTING (WASTE FRAMEWORK DIRECTIVE)

Municipal Waste Reporting

Delegated and implementing acts on rules to

- calculate recycling of municipal waste
- count biowaste separated and recycled at source (home composting)
- count recycled metals from incinerated municipal waste
- calculate landfilling of municipal waste
- calculate average loss rates occurring during the preparation for recycling for various waste streams
- establish reporting formats for the data and the quality check report

Relevant legislation:

- Directive 2008/98/EC on waste (Waste Framework Directive – WFD)
- Commission Implementing Decision **2019/1004/EC** laying down rules for the calculation, verification and reporting of data on waste in accordance with Directive 2008/98/EC
- Commission Implementing Decision **2019/1885/EC** laying down rules for the calculation, verification and reporting of data on landfill of municipal waste
- Commission Delegated Decision on average loss rates (C(2021) 6295 final)

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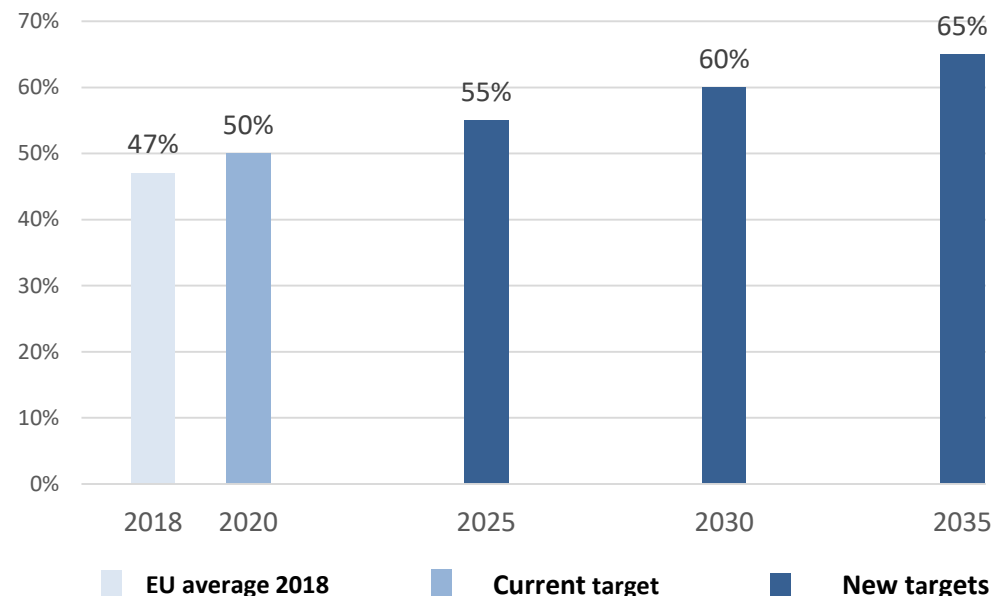
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TARGETS FOR MUNICIPAL WASTE RECYCLING

Core elements

- Achievement of targets: 5-year extension possible for countries with a low starting point
 - Implementation plans + interim targets
- Single calculation method
 - harmonised definition of municipal waste
 - reporting input to recycling
- High-quality recycling of biowaste
 - counting only biowaste that is separately collected or recycled at source as of 2027



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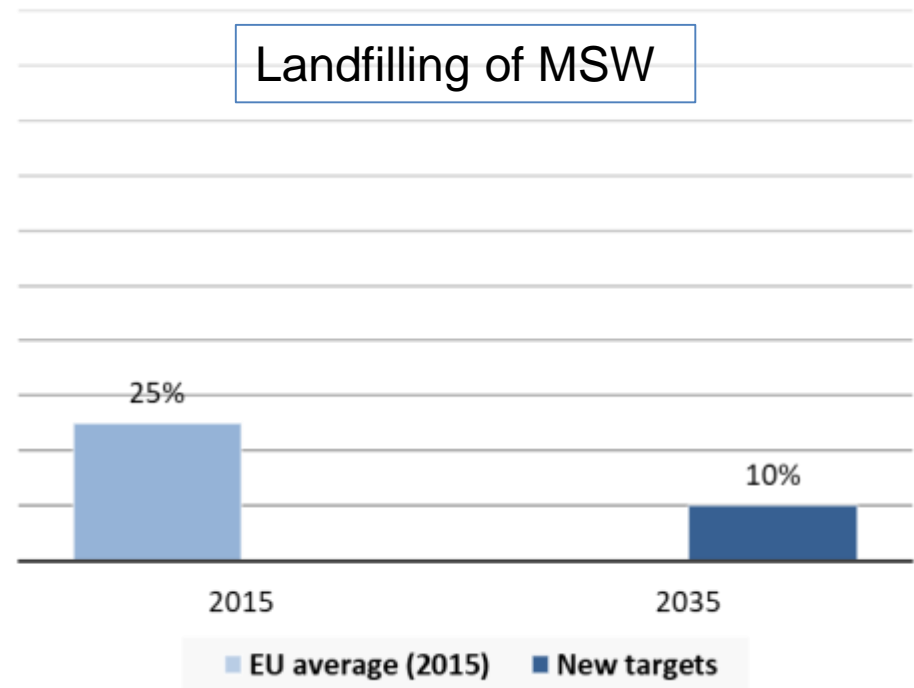
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REPORTING ON LANDFILLING OF WASTE (LANDFILL DIRECTIVE)

Core elements

- Target for landfilling of MSW: 5-year extension possible for countries with high landfill rates
 - Implementation plan + interim targets
- Calculation rules for landfilling of MSW
- Ban on landfilling of waste collected separately for recycling/rep. for reuse
- Target: Reduction of landfilling of biodegradable waste
- Towards “no landfilling” of waste suitable for recovery by 2030



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REPORTING ON FOOD WASTE (WASTE FRAMEWORK DIRECTIVE)

WFD – Art. 6 (5): *“Member States shall monitor and assess the implementation of their food waste prevention measures by measuring the levels of food waste ...”*

Reporting

- Data on food waste amounts / Data on management of food surplus related to food waste prevention
- Obligatory: first reference year 2020, to be reported in June 2022
- Additionally, voluntary: Eurostat Food waste plug-in was continued until 2022,
- for transition period 2020-2022 ideally both

Relevant legislation

- Directive 2008/98/EC on waste (WFD)
- Commission Delegated Decision **(EU) 2019/1597** supplementing Directive 2008/98/EC as regards a common methodology and minimum quality requirements for the uniform measurement of levels of food waste
- Commission Implementing Decision **(EU) 2019/2000** laying down a format for reporting of data on food waste and for submission of the quality check report in accordance with Directive 2008/98/EC

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REPORTING ON PREPARATION FOR REUSE OF WASTE (WFD)

WFD – Art. 9 (4): “Member States shall monitor and assess the implementation of their measures on re-use by measuring re-use on the basis of the common methodology established by the implementing act ...”

WFD – Art. 37 (2): “... For the purposes of verifying compliance with points (c), (d) and (e) of Article 11(2) and Article 11(3), Member States shall report the amount of waste prepared for re-use separately from the amount of waste recycled.”

Implementing act on the methodology and the reporting format:

- Defining the system boundaries
- Scope of reporting: products, channels, reuse/preparing for reuse
- Units of reporting
- Possible data collection methods Member States can use
- Frequencies of data collection and use of estimates

Reporting: first reporting period r.y. 2021, every year; to be reported in June 2023

Relevant legislation

- Directive 2008/98/EC on waste (Waste Framework Directive – WFD)
- Commission Implementing Decision **(EU) 2021/19** laying down a common methodology and a format for reporting on reuse in accordance with Directive 2008/98/EC

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REPORTING ON WASTE OIL (WASTE FRAMEWORK DIRECTIVE)

Waste oils

WFD – Art. 37 (4): *“Member States shall report the data on mineral or synthetic lubrication or industrial oils placed on the market and waste oils separately collected and treated for each calendar year to the Commission.”*

Implementing act on the reporting format is adopted.

Reporting

- Obligatory: first reference year 2020, to be reported in June 2022

Relevant legislation

- Directive 2008/98/EC on waste (Waste Framework Directive – WFD)
- Commission Implementing Decision **(EU) 2019/1004** laying down rules for the calculation, verification and reporting of data on waste in accordance with Directive 2008/98/EC

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(1) REPORTING ON PACKAGING AND PACKAGING WASTE (PPWD)

Reporting on quantity of packaging; recycling, reuse, recovery and disposal of packaging waste

Implementing act

- calculation rules as regards recycling of packaging waste
- rules on counting
 - reuse of sales packaging placed on the market for the first time
 - repair for wooden packaging
 - recovered metals from incinerating packaging waste
- reporting format for the data and quality report on packaging waste

Reporting: fully application of the new calculation rules from r.y. 2020 onwards

Relevant legislation

- Packaging and packaging waste Directive (PPWD) 94/62/EC, amended by Directive (EU) 2018/852
- Commission Implementing Decision **2019/665/EC** amending Decision 2005/270/EC establishing the formats on packaging and packaging waste
- Commission Delegated Decision on average loss rates (C(2021) 6295 final)

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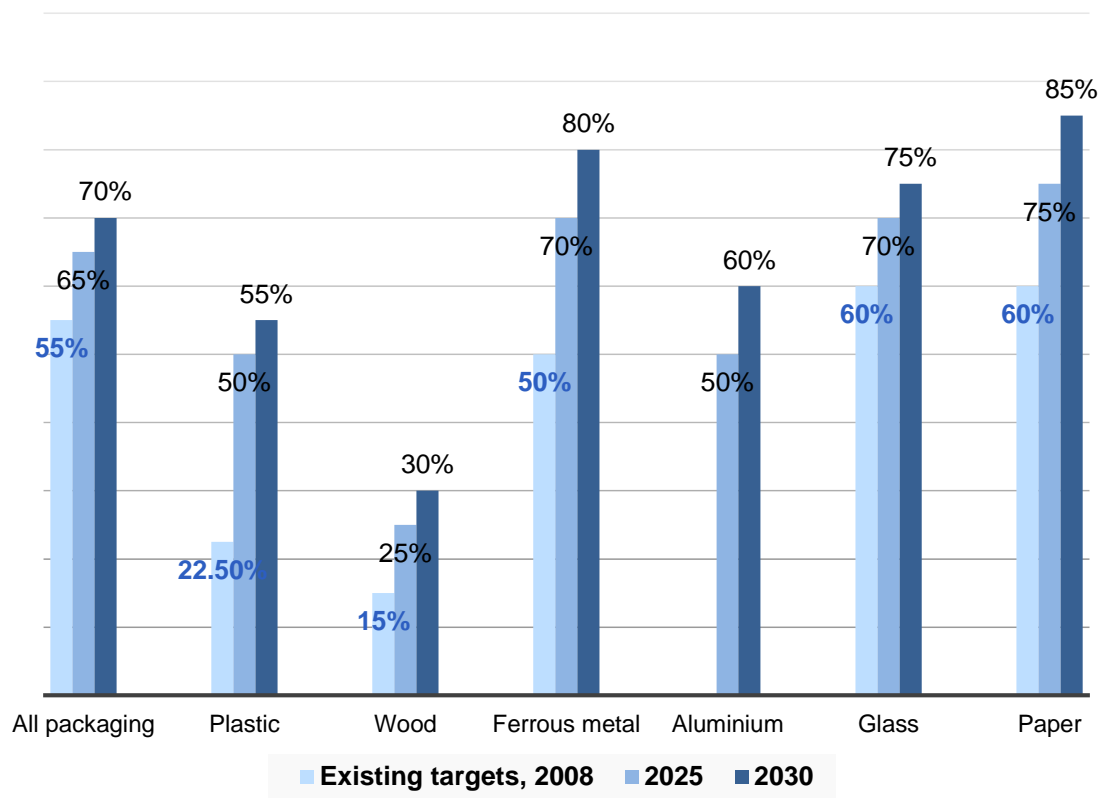


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TARGETS FOR RECYCLING/REUSE OF PACKAGING & PACKAGING WASTE

- Target achievement: 5-year derogations possible (15% on a single target or divided between two targets)
- Taking account of re-use (max. 5%)
- Harmonised reporting: input to recycling
- Ambitious targets for plastics
- New targets for aluminium



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(2) REPORTING ON PACKAGING AND PACKAGING WASTE (PPWD)

Lightweight plastic carrier bags

- Reporting of the national consumption of lightweight plastic carrier bags by either number or weight
- Using one of four reporting tables provided in the Appendix to Commission Implementing Decision (EU) 2018/896/EC
 - Table 4 / 6 – The number / weight of lightweight plastic carrier bags placed on the market
 - Table 5 / 7 – The number / weight of lightweight plastic carrier bags calculated from mandatory taxes, charges or levies
- Choice of reporting table: depends upon the range of reduction measures and measuring approaches MS has implemented

Relevant legislation

- Packaging and packaging waste Directive (PPWD) 94/62/EC, amended by Directive 2015/720/EC as regards reducing the consumption of lightweight plastic carrier bags
- Commission Implementing Decision **2018/896/EC** laying down the methodology for the calculation of the annual consumption of lightweight plastic carrier bags and amending Decision 2005/270/EC

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REPORTING ON ELV, BATT AND WEEE

ELV

- Reporting on total number and weight of ELVs, as well as reuse, recovery and recycling of ELVs, with the aim of monitoring the achievement of targets for reuse, recovery and recycling.

BATT

- Reporting on the sales (product) and collection and recycling (waste), as well as the recycling efficiency for lead-acid, Ni-Cd and other batteries of batteries and accumulators.
- EC proposed a new Batteries Regulation in 2020 → [*COM/2020/798 final*](#)

WEEE

- Reporting on electrical and electronic equipment (EEE) put on the market, collected WEEE, and WEEE treated, recovered, recycled and prepared for reuse.
- Rules for calculating the targets are more precise now.
- The number of product categories was reduced from 10 to 6 categories.
- The format of the quality report changed.
- Questionnaire for the data collection in 2021 reflects these changes.
- EC made the “WEEE calculation tools” publicly available.

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DIRECTIVES ON ELV, BATT AND WEEE

Relevant legislation

- End of Life Vehicles (**ELV**) Directive 2000/53/EC
- Commission Decision 2005/293/EC laying down detailed rules on the monitoring of the reuse/recovery and reuse/recycling targets set out in Directive 2000/53/EC
- Batteries Directive (**BATT**) Directive 2006/66/EC
- Commission Regulation 493/2012/EC laying down, pursuant to Directive 2006/66/EC, detailed rules regarding the calculation of recycling efficiencies of the recycling processes of waste batteries and accumulators
- Waste Electrical and Electronic Equipment (**WEEE**) Directive 2012/19/EC
- Commission Implementing Decision 2019/2193/EC laying down rules for the calculation, verification and reporting of data and establishing data formats for the purposes of Directive 2012/19/EC on waste electrical and electronic equipment (WEEE)
- Implementing regulation on a common calculation methodology for the weight of EEE placed on national markets and the quantity of WEEE generated (Commission Implementing Regulation (EU) 2017/699)
- Implementing regulation establishing a harmonized format for registration and reporting of producers to the national registers (Commission Implementing Regulation (EU) 2019/290)

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REPORTING ON SINGLE USE PLASTICS (SUP-DIRECTIVE)

The EU is tackling the 10 single-use plastic items most commonly found on Europe's beaches, and is promoting sustainable alternatives.

Different measures are being applied to different products:

- Where **sustainable alternatives** are easily available and affordable, single-use plastic products cannot be placed on the markets of EU Member States
- For other single-use plastic products, the EU is focusing on **limiting their use through**
 - reducing consumption through awareness-raising measures
 - introducing design requirements, such as a requirements to connect caps to bottles
 - introducing labelling requirements, to inform consumers about the plastic content of products, disposal options that are to be avoided, and harm done to nature if the products are littered in the environment
 - introducing waste management and clean-up obligations for producers, including Extended Producer Responsibility (EPR) schemes
- **Specific targets** include
 - a 77% separate collection target for plastic bottles by 2025 – increasing to 90% by 2029
 - incorporating 25% of recycled plastic in PET beverage bottles from 2025, and 30% in all plastic beverage bottles from 2030

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REPORTING ON SINGLE USE PLASTICS (SUP-DIRECTIVE)

Reporting

- First reference year 2022, to be reported in June 2024: -cups for beverages and food containers placed on the market, -information on the measures taken to achieve an ambitious and sustained reduction in the consumption of cups for beverages and food containers, -data on separately collected beverage bottles, -data on fishing gear containing plastic placed on the market and on waste fishing gear collected
- First reference year 2023, to be reported in June 2025: -information on recycled content in beverage bottles, -data on tobacco products with filters and filters marketed for use in combination with tobacco products

Relevant legislation

- Directive **(EU) 2019/904** on the reduction of the impact of certain plastic products on the environment
- Commission Implementing Regulation (EU) 2020/2151 laying down rules on harmonised marking specifications on single-use plastic products listed in Part D of the Annex to Directive (EU) 2019/904 on the reduction of the impact of certain plastic products on the environment
- Commission Implementing Decision (EU) 2021/1752 laying down rules for the application of Directive (EU) 2019/904 as regards the calculation, verification and reporting of data on the separate collection of waste single-use plastic beverage bottles

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DATA COLLECTIONS - DOCUMENTS AND DEADLINES

- Information is available on the Eurostat-website:
<https://ec.europa.eu/eurostat/web/waste/methodology>

- Methodological documents
- Guidance document(s)
- Questionnaire for reporting and methodology/ quality report
- Data transmission via EDAMIS

Methodological documents

- Manual on waste statistics - A handbook for data collection on waste generation and treatment - 2013 edition
- Guidance on waste classification (EWC-Stat categories)
- Conversion of EWCstat 4 to LoW codes, October 2021
- Allocation of List of Waste (LoW) to Y-codes
- Guidance on municipal waste data collection - October 2021
- Guidance on packaging and packaging waste - April 2022

Data collections - documents and deadlines

Expand all / Collapse all

+Waste statistics according to Regulation (EC) No 2150/2002, 30 June each even year

–Municipal waste

Municipal waste statistics – Joint questionnaire, 16 November each year

Material breakdown – Reporting obligation, 30 June each year

Recycling rate – Reporting obligation, 30 June each year

Landfill rate – Reporting obligation, 30 June each year

Annual reporting of municipal waste, questionnaire data collection 2022

Guidance on municipal waste data collection - October 2021

Special cases of municipal waste and their treatment - October 2021

Guidance on municipal waste data collection - May 2017

+Batteries and accumulators and waste batteries and accumulators, 30 June each year

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