



COUNTRY
EXPERIENCE
AUSTRIA

**IMPROVED ENVIRONMENTAL MONITORING AND ASSESSMENT:
WASTE MANAGEMENT INDICATORS AND POLICIES**
IN SUPPORT OF THE 2030 AGENDA IN SOUTH-EASTERN EUROPE,
CENTRAL ASIA AND THE CAUCASUS

UNECE - WEBINAR ON SDG 12 – MARCH 10 2021

CONTENT

- **Examples from Austria**
 - Important policy implementation achievements
 - Important challenges / development areas
 - Urgent actions to undertake
- **Input on monitoring, reporting and data management**



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REQUIREMENTS ON SOURCE SEPARATION AND RECYCLING SET AT EU LEVEL – RECYCLING TARGETS

Recycling targets	Year*	Recycling target	Description
Waste from households (municipal waste)	2020 / 2025 / 2030 / 2035	50% / 55% / 60% / 65%	preparing for re-use and the recycling (see Art. 11 WFD)
Non-hazardous construction and demolition waste	2020	70%	preparing for re-use, recycling and other material recovery, including backfilling operations (see Art. 11 WFD)
Plastic packaging waste Wood packaging waste Metal packaging waste Aluminium packaging waste Glas packaging waste Paper & cardboard packaging waste All packaging waste	2025 / 2030	50% / 55% 25% / 30% 70% / 80% 50% / 60% 70% / 75% 75% / 85% 65% / 70%	minimum targets by weight for recycling (see Art. 6 of PPWD)
Waste electrical and electronic equipment (WEEE)	ongoing	Type specific	differentiated in rates for recovery and rates for prepared for re-use / recycling (see Annex V of WEEED)
Waste batteries and accumulators (WBA)	ongoing	Type specific	minimum recycling efficiencies (see Annex III of WBAD)

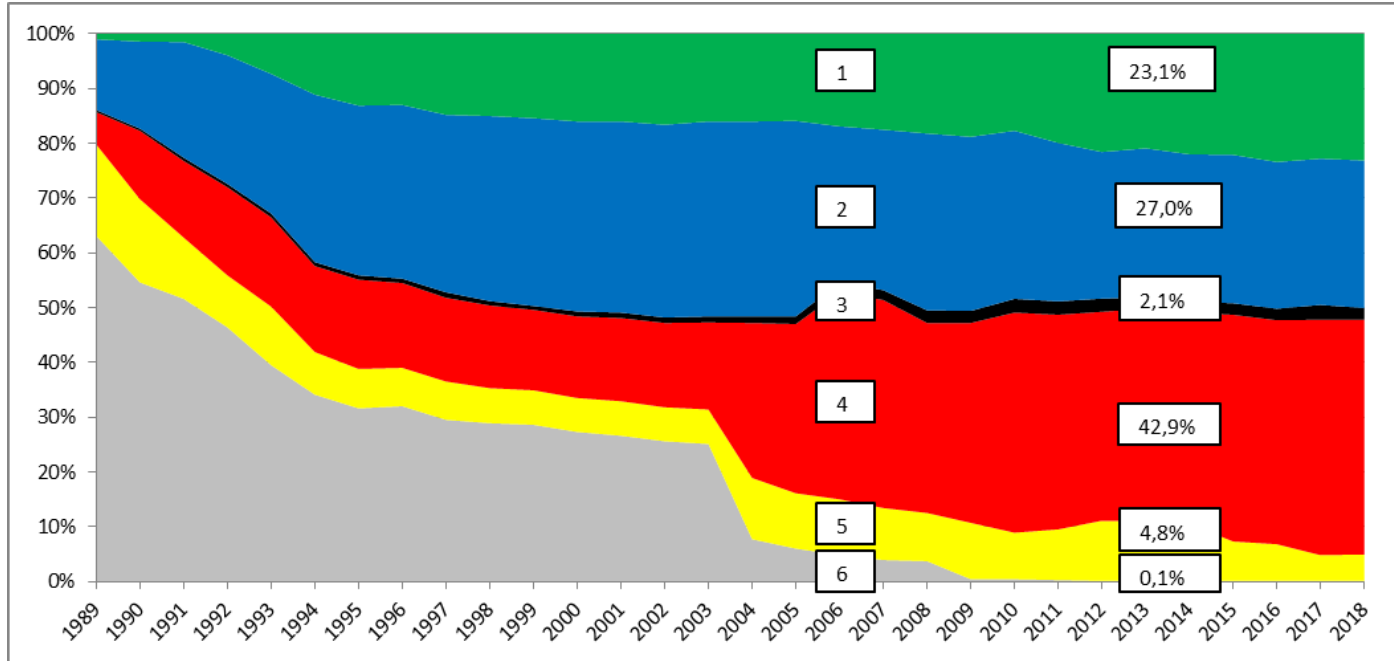
**Derogations are applicable for selected Member States*

REQUIREMENTS ON SOURCE SEPARATION AND RECYCLING SET AT EU LEVEL – SOURCE SEPARATION AND COLLECTION

Source separation	Year*	Collection target	Description
Hazardous waste fractions produced by households	by 1 January 2025	-	set up separate collection for hazardous waste fractions produced by households (see Article 20 WFD)
Waste oils	ongoing	-	set up separate collection for waste oils , unless separate collection is not technically feasible taking into account good practices (see Art. 21 WFD)
Bio-waste	by 31 December 2023	-	bio-waste is either separated and recycled at source, or is collected separately and is not mixed with other types of waste (see Art. 22 WFD)
Waste electrical and electronic equipment (WEEE)	ongoing	65%	minimum collection rate (see Art. 7 of WEEEED); to achieve a high level of separate collection of WEEE (Art. 5 WEEEED)
Waste batteries and accumulators (WBA)	ongoing	45%	minimum collection rate (see Art. 10 WBAD); ensure that appropriate collection schemes are in place for waste portable batteries and accumulators (Art. 8 of the WBAD)
Single-use plastic beverage bottles	2025 / 2029	77% / 90%	separate collection for recycling for beverage bottles with a capacity of up to three litres, including their caps and lids (see Art. 9, Part F, SUPD)

**Derogations are applicable for selected Member States*

MUNICIPAL WASTE MANAGEMENT AND FIRST TREATMENT STEPS – EXAMPLE AUSTRIA



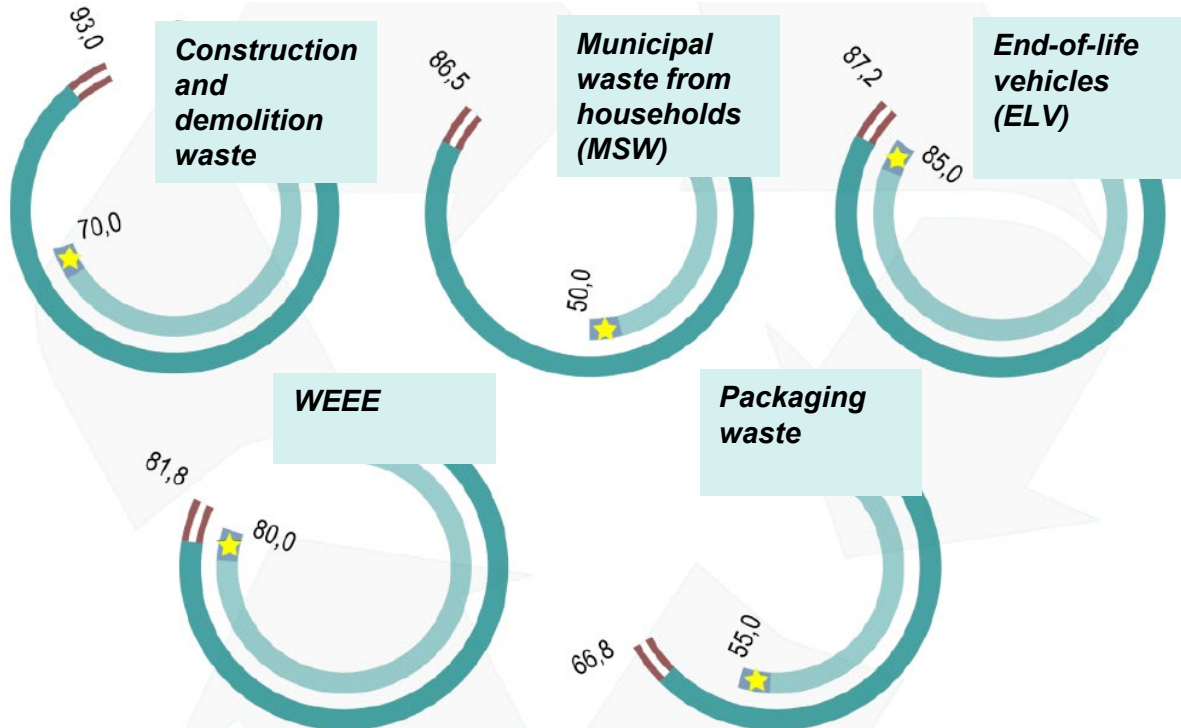
Source: Austrian Waste Management Plan

Caption:

- 1. Recovery** of separately collected biogenic waste and of green waste
- 2. Recovery** of separately collected recoverables
- 3. Treatment** of hazardous household waste and of WEEE collected separately
- 4. Thermal treatment** (waste incineration plant and co-incineration)
- 5. Biological treatment** in (mechanical-biological) treatment plants
- 6. Landfilling** without any pre-treatment

(landfilling following treatment is not covered by this chart)

CONDUCTING AN INTEGRATED WASTE MANAGEMENT SYSTEM – RESULTS ACHIEVED IN AUSTRIA (REFERENCE YEAR 2017)



Source: State of the Environment Report Austria (2019)



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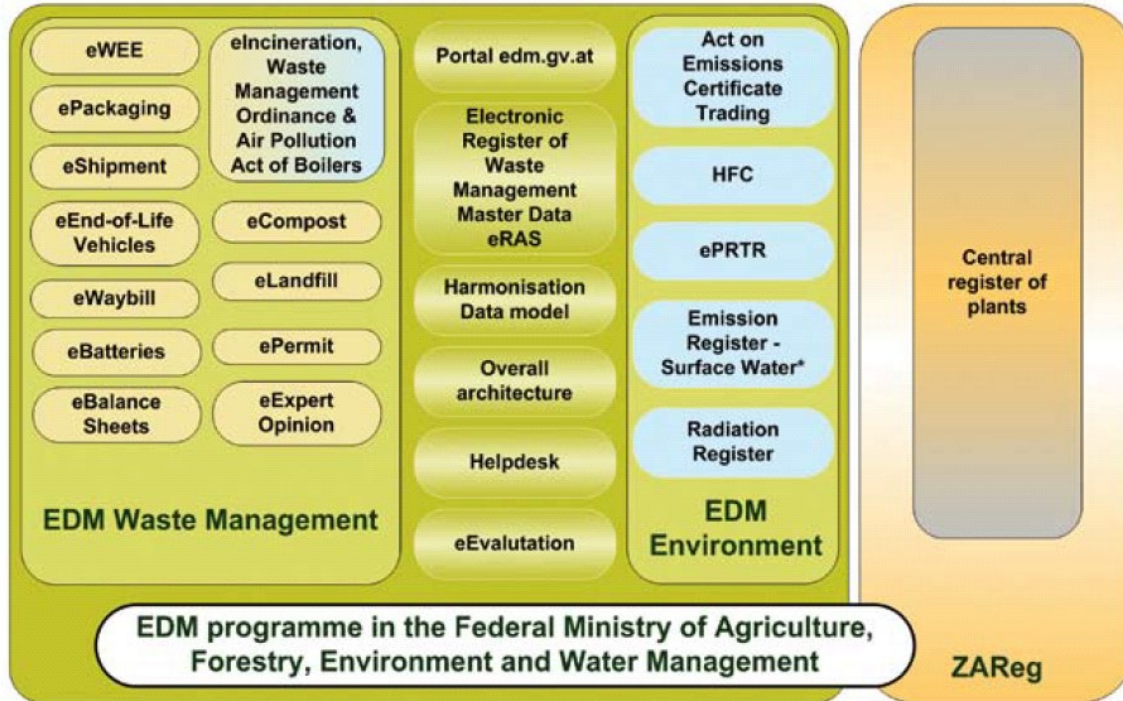
IMPORTANT CHALLENGES / DEVELOPMENT AREAS IN TERMS OF ACHIEVING THE ENVIRONMENTALLY SOUND MANAGEMENT

- ‘**Extended producer responsibility schemes**’ for various types of waste and measures to increase their effectiveness, cost efficiency and governance (**packaging waste, WEEE: waste batteries and accumulators**);
- **Discussion on introduction of a deposit-refund schemes** and other measures to encourage efficient collection of used products and materials; **plastic beverage bottles / packaging waste**
- **Waste stream related regulations**, e.g. on **construction materials; waste wood; single-used-plastics; waste derived fuels**
- **Update of the Waste Prevention Programme 2022**, with focus areas **food waste; plastics, textiles, re-use and repair, households, construction, SME`s**
- **Update of the Waste Management Plan (2022)**
- **Development of a Circular Economy Strategy**



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ELECTRONICAL DATA MANAGEMENT (EDM)



Key objectives:

- Support the competent authorities in their enforcement duties by providing specific, up-to-date information e.g. on selected notifications, selected notifiers or selected transports
- Generate comprehensive information, mainly on waste management operations
- Provide basic data in order to fulfill reporting obligations

* also part of WISA (Water Information System Austria)

IMPORTANT CHALLENGES / DEVELOPMENT AREAS IN TERMS OF DATA AVAILABILITY AND DATA GAPS

- **Application of the EC Implementation Decisions in order to calculate targets**
 - (EU) 2019/1004 of 7 June 2019 laying down rules for the calculation, verification and reporting of data on waste in accordance with Directive 2008/98/EC – **municipal waste**
 - (EU) 2019/665 of 17 April 2019 amending Decision 2005/270/EC establishing the formats relating to the database system pursuant to European Parliament and Council Directive 94/62/EC – **packaging and packaging waste**
 - (EU) 2021/19 of 18 December 2020 laying down a common methodology and a format for reporting on reuse in accordance with Directive 2008/98/EC – **re-use**
- **Level of detail shall enable, e.g.**
 - differentiation **municipal / non-municipal waste** at the calculation point
 - differentiation **packaging / non-packaging waste** at the calculation point
 - differentiation **in AT generated / from other MS imported waste** at the calculation point



THANK YOU!

CONTACT & INFORMATION

Mr Christian Neubauer

christian.neubauer@umweltbundesamt.at



Umweltbundesamt
www.umweltbundesamt.at

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