

REGIONAL TRAINING ON THE PRODUCTION AND USE OF WASTE AND CIRCULAR ECONOMY STATISTICS AND INDICATORS

SESSION 5: STATISTICS AND INDICATORS ON WASTE MANAGEMENT

20-21 June 2024, Vienna International Centre (VIC), Vienna

STATISTICS AND INDICATORS ON WASTE MANAGEMENT

In this presentation:

- Municipal waste collection rates
- [...]
- [...]
- [...]
- National recycling rate, tons of material recycled (SDG 12.5.1)
- Diversion of waste from landfill
- Recovery rate of construction and demolition waste

NATIONAL RECYCLING RATE, TONS OF MATERIAL RECYCLED (SDG 12.5.1)

- **Recycling rate of all waste, excluding major mineral waste**



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Tables on EU policy › Circular economy indicators › Waste management

Recycling rate of all waste excluding major mineral waste

Online data code: cei_wm010 DOI: 10.2908/cei_wm010 last update: 03/01/2024 23:00

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Source of data: Eurostat (env_wasoper) + Add to 'My datasets'

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NATIONAL RECYC...

- Recycling rate

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Recycling rate of waste

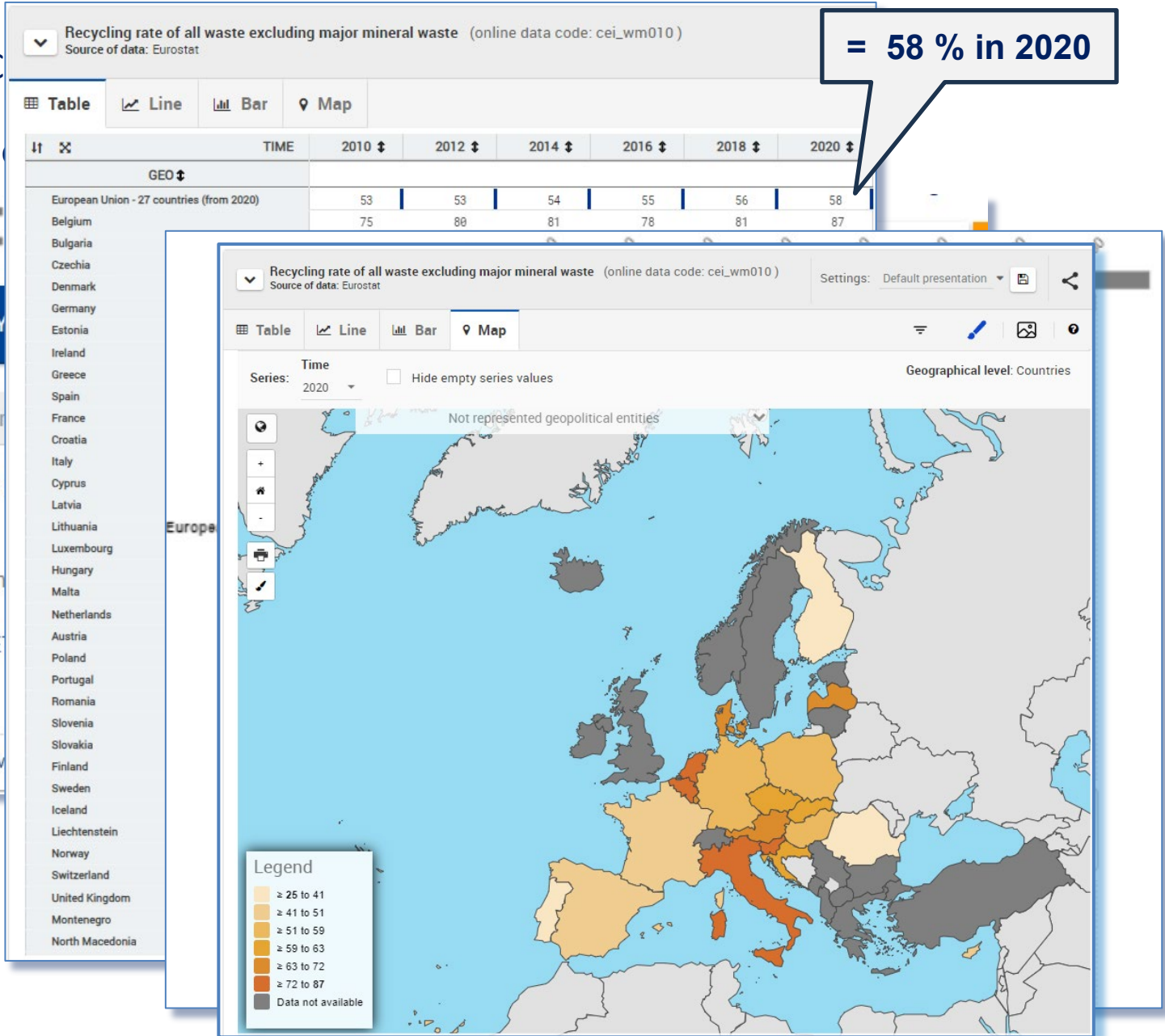
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NATIONAL RECYCLING RATE, TONS OF MATERIAL RECYCLED (SDG 12.5.1)

Recycling rate of all waste, *excluding major mineral waste*

- The indicator is part of the **Circular Economy Monitoring Framework**
- The indicator is defined as all waste recycled divided by total waste treated excluding major mineral wastes, multiplied by 100. Amounts are adjusted for waste collected in one country and recycled in another country:
Waste treated in domestic plants plus waste sent out of the country for recycling minus waste imported and treated in domestic recycling plants
- The rate is expressed in %
- The indicator covers both hazardous and non-hazardous waste from all economic sectors and from households, including waste from waste treatment (secondary waste), but, for better comparability, excluding major mineral waste

See metadata:

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NATIONAL RECYCLING RATE, TONS OF MATERIAL RECYCLED (SDG 12.5.1)

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Waste treated in one country minus waste imported from other countries
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Which “Major mineral wastes” are excluded?

- EWC-Stat 12.1: Mineral waste from construction and demolition
- EWC-Stat 12.2, 12.3, 12.5: Other mineral wastes
- EWC-Stat 12.6: Soils
- EWC-Stat 12.7: Dredging spoils

See metadata:

https://ec.europa.eu/eurostat/cache/metadata/en/ci_wm010_esmsip2.htm

NATIONAL RECYCLING RATE, TONS OF MATERIAL RECYCLED (SDG 12.5.1)

See also: **Recycling rate of municipal waste**

Tables on EU policy › Circular economy indicators › Waste management

Recycling rate of municipal waste

View dataset information

Dataset information

Online data code: cei_wm011 DOI: 10.2908/cei_wm011

Explanatory texts

last update: 08/02/2024 11:00 view: CUSTOM DATASET

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= 48.6 % in 2022

NATIONAL RECYCLING RATE, MUNICIPAL WASTE

See also:

Tables on E

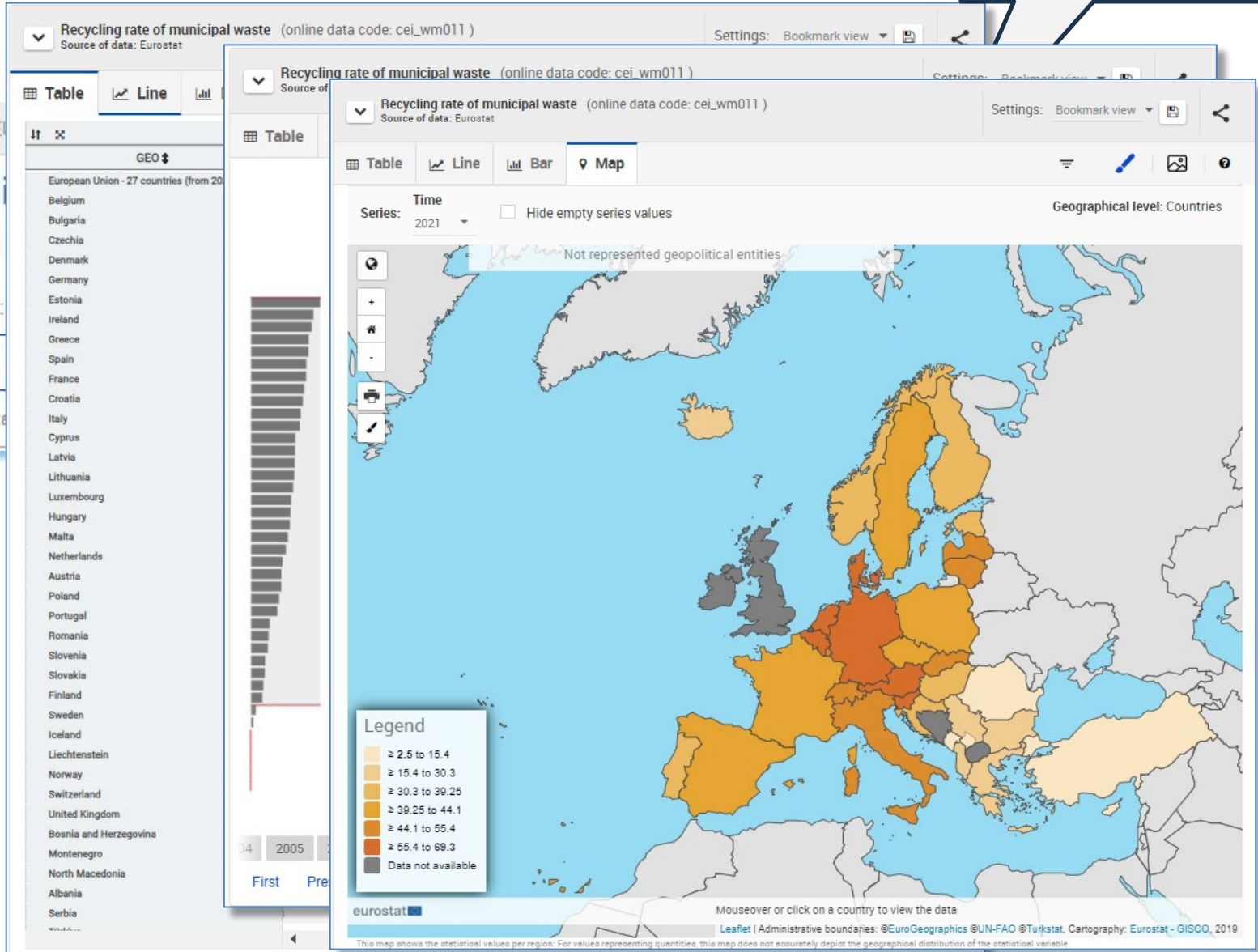
Recycli

Online data

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NATIONAL RECYCLING RATE, TONS OF MATERIAL RECYCLED (SDG 12.5.1)

- Waste recycling analysis



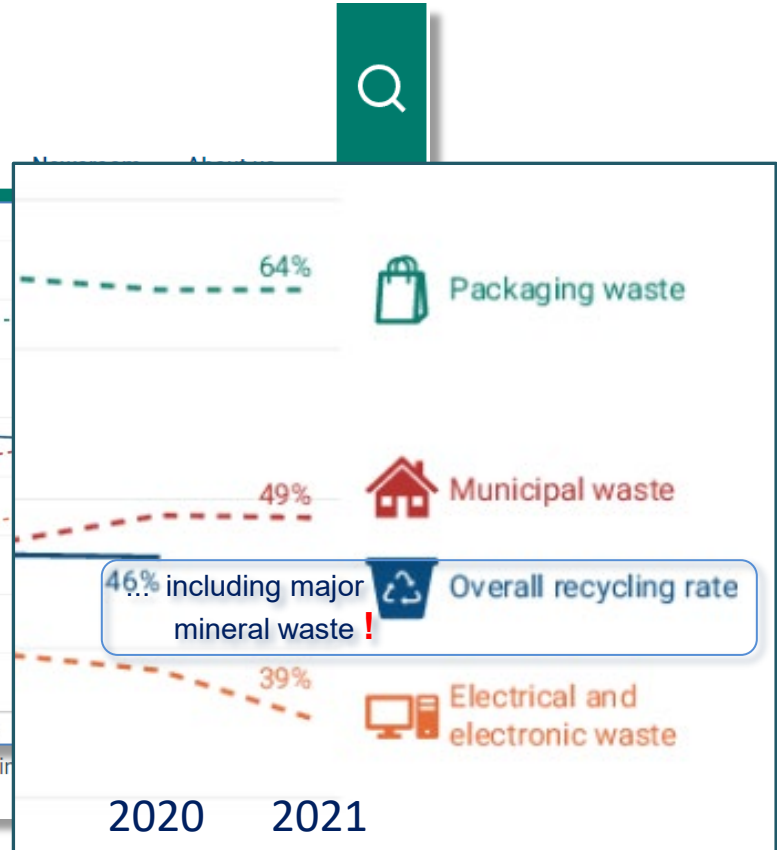
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Waste recycling

Published 19 Dec 2023

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The waste recycling rate in the EU has increased from 32% in 2004 to 46% in 2021. This is driven by EU legislation, such as the Waste Framework Directive, which sets targets for recycling and encourages the development of a circular economy. The EU is also working to achieve a circular economy with packaging, which will help to reduce the amount of packaging waste that is disposed of in landfills and incinerated. The EU is also setting to incentivise recycling and discourage waste disposal in landfills and incineration.



<https://www.eea.europa.eu/en/analysis/indicators/waste-recycling-in-europe>

<https://www.eea.europa.eu/en/topics/in-depth/waste-and-recycling?activeAccordion=e53c3d45-3510-42da-bd18-cc72d0fb1a7b>

DIVERSION OF WASTE FROM LANDFILL



European Environment Agency



<https://www.eea.europa.eu/en/analysis/indicator/s/diversion-of-waste-from-landfill>

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Divers
Europ

Published 22 Jan 20

Analysis and

A key goal
(from 23%)
generated
in the same
such as ()
waste from



RECOVERY RATE OF CONSTRUCTION AND DEMOLITION WASTE



- This indicator is important for monitoring the **Circular Economy**
- ... *however*, publication of the indicator is currently discontinued due to quality and methodological concerns
- Difficulties exist with the attribution of construction and demolition waste to waste treatment operations:
 - Exchange of views with countries identified major differences in the use of terms and classifications in reporting on treatment of construction and demolition waste
 - Guidance is in preparation on the attribution of “internal recycling”, “treatment on site”, “backfilling”
- [...]

REGIONAL TRAINING ON THE PRODUCTION AND USE OF WASTE AND CIRCULAR ECONOMY STATISTICS AND INDICATORS

Thank you !

Working Group on Environmental Monitoring and Assessment

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