

Hazardous waste

Goal 12: Ensure sustainable consumption and production patterns

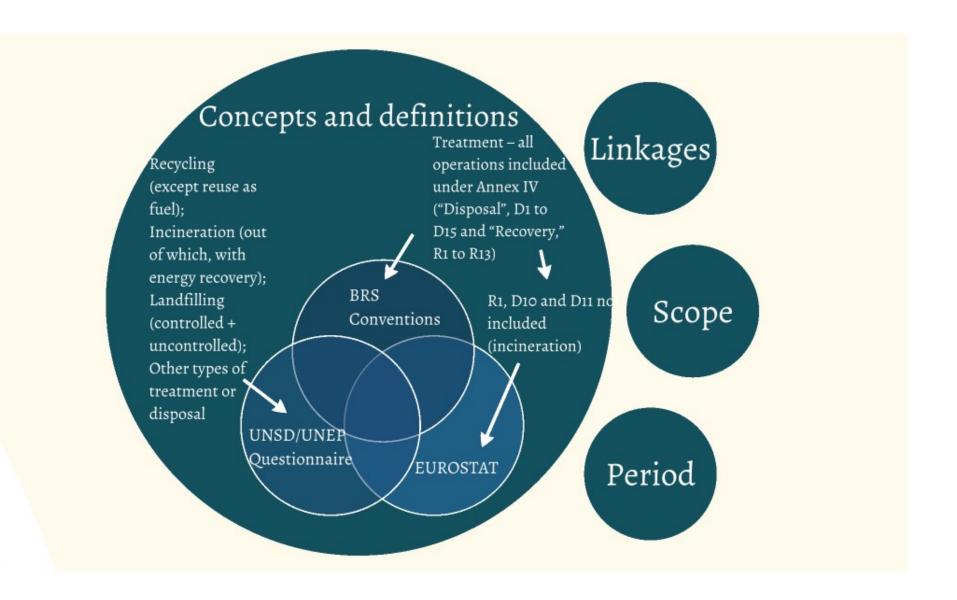
Target 12.4: By 2020, achieve the environmentally sound management of chemicals and all wastes throughout their life cycle, in accordance with agreed international frameworks, and significantly reduce their release to air, water and soil in order to minimize their adverse impacts on human health and the environment

Indicator 12.4.2: Hazardous waste generated per capita and proportion of hazardous waste treated, by type of treatment









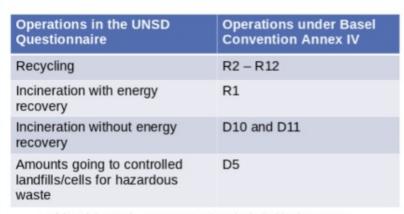


Table: Linkages between operations included in the UNSD Questionnaire and Basel Convention (Annex IV)

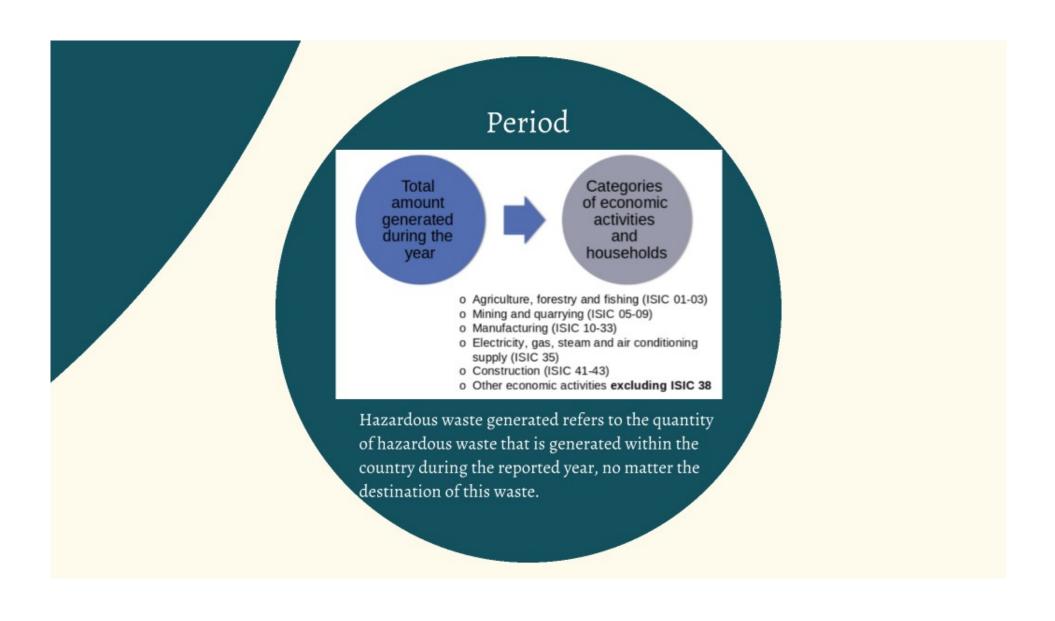
Proposed scope 12.4.2

Hazardous waste refer to the categories of waste to be controlled according to the Basel Convention on the control of transboundary movements of hazardous waste and their disposal (Article 1 and Annex I – further elaborated in Annex VIII and IX).

Categories of wastes to be controlled based on source or sector

- Waste having as constituents hazardous materials
- Hazardous characteristics defined in Annex III
- Excluded: radioactive waste, waste from normal operation of a ship

OUR SUGGESTION FOR COMPARABILITY: Waste defined or considered to be hazardous by domestic legislation of the Party



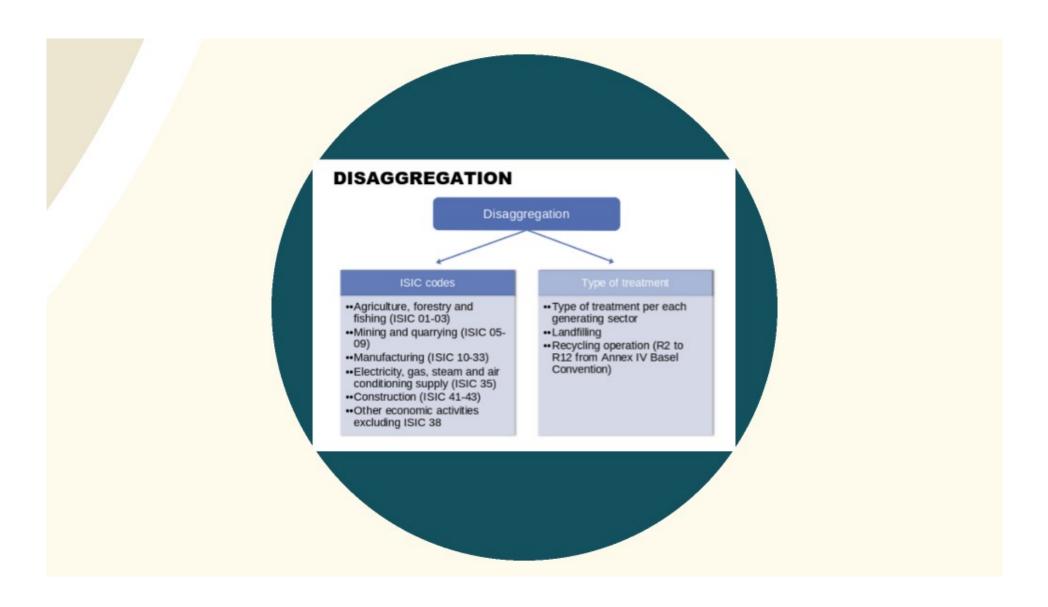
Indicator

HEADLINE INDICATOR:

Hazardous waste generated = hazardous waste collected + hazardous waste directly given to disposal facility directly + unaccounted for waste

Sub-indicators under development

*Generated hazardous waste includes exported hazardous waste and excludes imports of hazardous waste.





Recycling

Goal 12: Ensure sustainable consumption and production patterns

Target 12.5: By 2030, substantially reduce waste generation through prevention, reduction, recycling and reuse

Indicator 12.5.1: National recycling rate, tons of material recycled







Concepts and definitions

UNSD/OECD definition

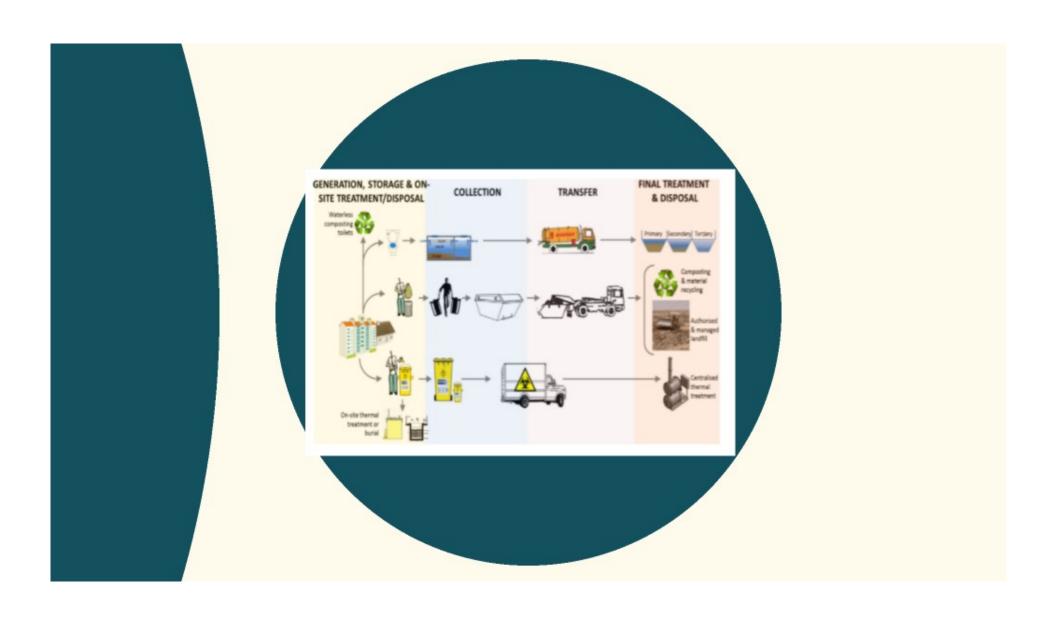
Any reprocessing of waste material in a production process that diverts it from the waste stream, except reuse as fuel. Both reprocessing as the same type of product, and for different purposes should be included. Recycling within industrial plants, i.e. at the place of generation should be excluded.

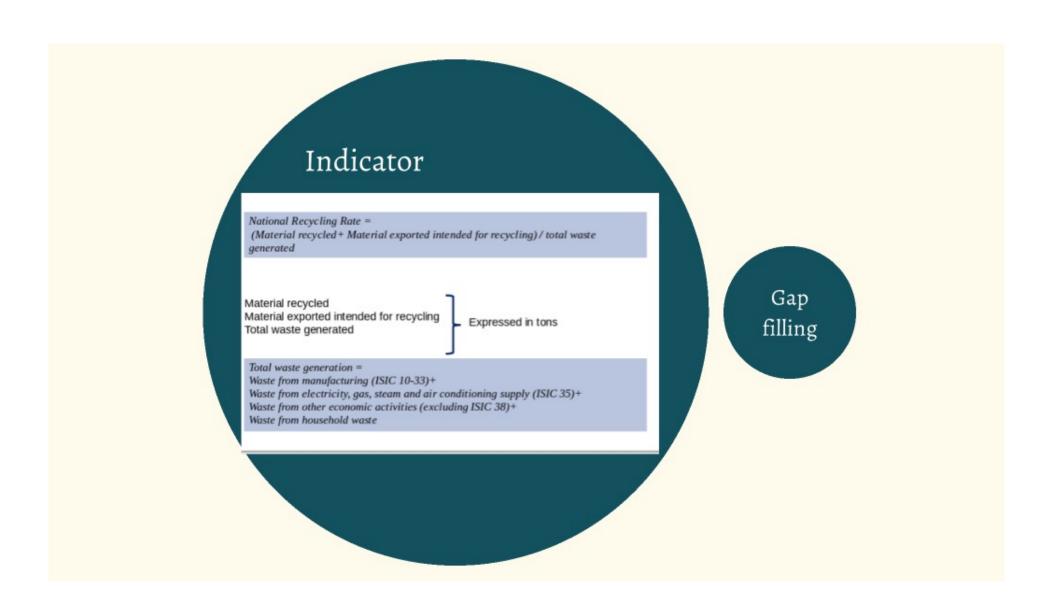
- Composting not included

Recycling rate

Proportion of material recycled in the country plus quantities exported for recycling out of total waste generated in the country

OUR SUGGESTION: INCLUDE COMPOSTING











Food waste

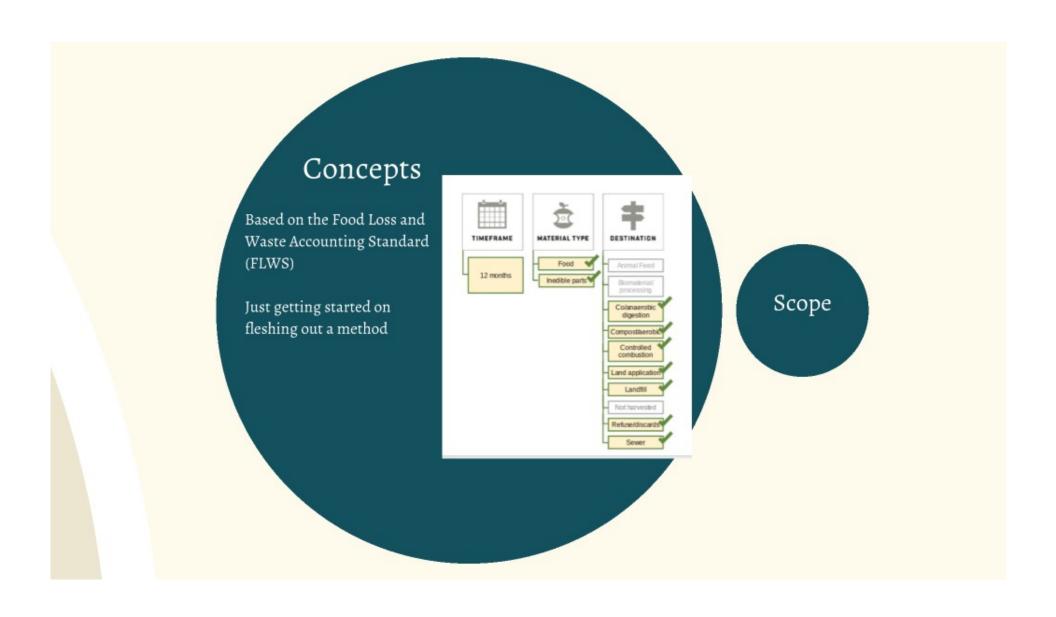
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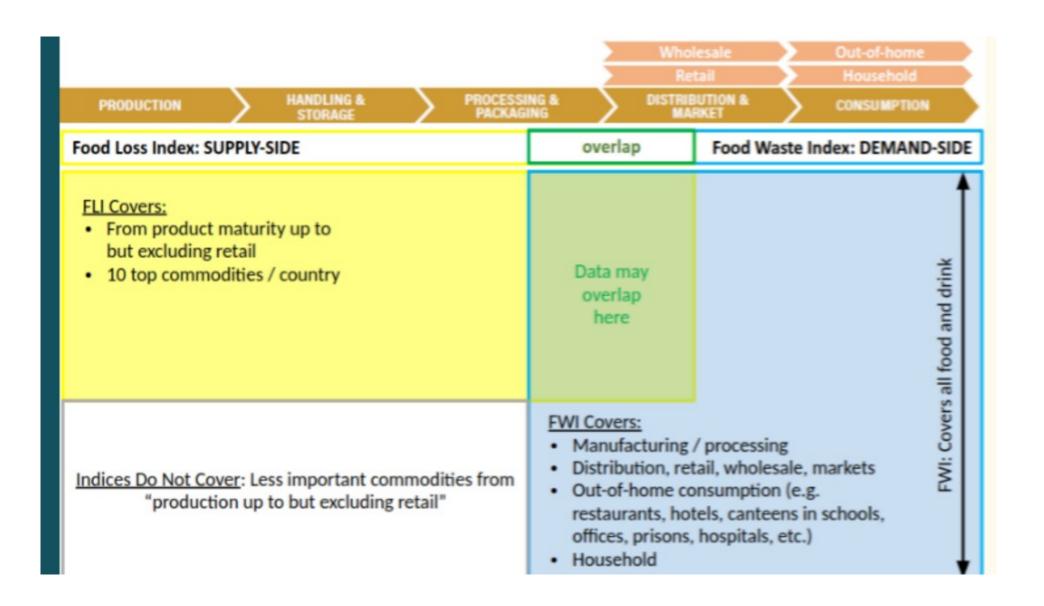
Target 12.3: By 2030 halve per capita global food waste at the retail and consumer level, and reduce food losses along production and supply chains including post-harvest losses

Indicator 12.3.1: Food waste and loss









Indicator

The FW Index tracks progress as kg / capita / year.

$$Food \ waste \ per \ capita = \frac{Total \ food \ waste}{Population}$$

Where total food waste is the sum of that in the four sectors:

Total food waste = FW_{Household} + FW_{Out of home consumption} + FW_{Retail} + FW_{Manufacture}

The Food Waste Index compares food waste per capita in year t with a baseline year:

$$Food\ Waste\ Index = \frac{Food\ waste\ per\ capita\ in\ year\ t}{Food\ waste\ per\ capita\ in\ base\ year} \times 100$$



Urban waste

- Suggestion to use Municipal Solid Waste
- UN Environment is not the custodian, but we are collaborating with UN Habitat



Way Forward

