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Regional Training on the production and use of waste and circular economy statistics and indicators

Producing, sharing and using high-quality information for cleaner production and consumption

20-21 June 2024

Provisional Programme

Thursday, 20 June 2024	
09:30 – 10:00	Session 1: Opening and introduction Opening remarks <ul style="list-style-type: none"> • UNECE • UNIDO • Environment Agency Austria Structure of training, main objectives and housekeeping items Main expectations and questions from participants
10:00 – 12:00	Session 2: Setting the scene: Why measuring waste and a transition to a circular economy matters – and what are the main challenges? In this session countries and international organizations will share their experiences in producing and using waste statistics and indicators for national, regional and global policy making and implementation. Session Chair: TBC Key messages and lessons learned from regional and global waste assessments and reporting <ul style="list-style-type: none"> • The Global Waste Management Outlook 2024, speaker tbc, UNEP • E-waste monitor 2024 (Kees Balde, tbc, UNITAR) • Waste statistics for measuring circular economy and sustainable use of natural resources: Measurement challenges from moving from a linear economy to a circular economy (based on CES Waste Statistics Framework and CES Guidelines for Measuring Circular Economy) (UNECE consultant) • European Union's (EU) monitoring framework for circular economy and status of CE implementation in the EU, (Eurostat, tbc) • The role of industry and business in waste management and circular economy: Industrial waste mapping in the EU's Eastern Partnership countries - methodology and conclusions (UNIDO) Waste and circular economy statistics in the national policy context. Short comments on Information needs and main data-related challenges: <ul style="list-style-type: none"> • Country example 1 • Country example 2 • Country example 3



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	Q&A
12:00 – 12:30	<p>Session 3: Main concepts, terms, definitions and classifications used in waste statistics</p> <p>This session will introduce the most relevant terms and definitions, as well as classifications relevant for waste statistics and indicators. Including: what is waste? What is “municipal waste”? What is included in waste management? Waste classifications? Scope of waste statistics? What is hazardous waste? Etc. The session will also introduce the main international questionnaires on waste statistics.</p> <p>Session Chair: TBC</p> <ul style="list-style-type: none"> • Presentation of UNSD/UNEP questionnaire and OECD/Eurostat Joint questionnaire: Purposes, structure, content (UNECE consultants) • Eurostat: EU Waste Statistics Regulation: Main purpose, key messages, lessons learned (UNECE consultant) <p>Q&A</p>
12:30 - 14:00	Lunch break
14:00 – 15:00	<p>Session 3 cont.: Main concepts, terms, definitions and classifications used in waste statistics and indicator development</p> <ul style="list-style-type: none"> • Main terms and definitions (UNECE consultant) • Important classifications (UNECE consultant) <p>Q&A</p>
15:00 – 17:00	<p>Session 4: Technical training: Statistics and indicators on waste generation and waste composition</p> <p>This session will provide practical examples on how to measure generation of waste in general, municipal waste in particular, and how to determine composition of waste.</p> <p>It addresses the production of the following UNECE indicators:</p> <ul style="list-style-type: none"> • Municipal solid waste generation • Municipal solid waste composition • Total waste generation / Total waste generation per capita • Municipal waste generated per capita • Waste generation intensity per unit of GDP <p>Session Chair: TBC</p> <ul style="list-style-type: none"> • Overview on waste-related indicators in the UNECE Guidelines for the Application of Environmental Indicators (Michael Nagy, UNECE) • Technical training on indicators by UNECE consultants • Sharing of practical experiences of participating country experts <p>Q&A</p>



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Friday, 21 June 2024

09:30 – 11:15	<p>Session 5: Technical training: Statistics and indicators on waste management</p> <p>This session will provide practical examples on how to produce statistics and indicators on waste management.</p> <p>It addresses the production of the following UNECE indicators:</p> <ul style="list-style-type: none"> • Municipal solid waste collection rates • Municipal solid waste destinations (recycling, landfilling, waste-to-energy, uncontrolled) • Municipal solid waste recycled • Municipal solid waste treated by waste-to-energy plants • Municipal solid waste (MSW) landfilling rates • Uncontrolled disposal of municipal solid waste • National recycling rate, tons of material recycled • Recovery rate of construction and demolition waste • Diversion of waste from landfill (amounts of waste deposited in landfills, by type of waste category) / waste going to final disposal • Proportion of urban solid waste regularly collected and with adequate final discharge out of total waste generated, by cities <p>Session Chair: TBC</p> <ul style="list-style-type: none"> • Technical training on indicators by UNECE consultants • Sharing of practical experiences of participating country experts <p>Q&A</p>
11:15 – 12:30	<p>Session 6: Technical training: Statistics and indicators on hazardous wastes</p> <p>This session will provide practical examples on how to produce statistics and indicators on hazardous wastes.</p> <p>It addresses the production of the following indicators:</p> <ul style="list-style-type: none"> • Hazardous waste generated per capita • Proportion of hazardous waste treated, by type of treatment • Stock of hazardous waste at the end of the year <p>Session Chair: TBC</p> <ul style="list-style-type: none"> • Technical training on indicators by UNECE consultants, including an introduction of the main concepts and definitions of the Basel Convention • Sharing of practical experiences of participating country experts <p>Q&A</p>
12:30 – 14:00	Lunch break
14:00 – 15:00	<p>Session 7: Measuring circular economy</p> <p>This session will give an introduction on how to measure Circular Economy, based on the conceptual framework, list of indicators and measurement framework of the “CES Guidelines for Measuring Circular Economy, Part A”. It will also discuss relationships with other related measurement frameworks, such as from UNIDO or the European Union.</p> <p>Session Chair: TBC</p> <ul style="list-style-type: none"> • Presentation of CES Guidelines (UNECE consultants)



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	<ul style="list-style-type: none"> • Presentation of Circular Economy related activities of UNIDO (UNIDO) <p>Q&A</p>
15:00 – 16:15	<p>Session 8: Production of other indicators for waste and materials management policies, including circular economy</p> <p>This session will discuss a few additional priority indicators, which are relevant for measuring waste-related policies and the circular economy.</p> <p>It addresses the production of the following indicators:</p> <ul style="list-style-type: none"> • Domestic material consumption, domestic material consumption per capita, and domestic material consumption per GDP • Circular Material Use Rate (CMUR) • Other relevant CE-related indicators <p>Session Chair: TBC</p> <ul style="list-style-type: none"> • Technical training by UNECE consultants • Sharing of practical experiences of participating country experts <p>Q&A</p>
16:15 – 17:00	<p>Session 9. Reporting and use of waste statistics and indicators</p> <p>This session will focus on how waste statistics (and indicators) are used in international reporting and how they can inform national policies. Presentations may include:</p> <ul style="list-style-type: none"> • Supporting implementation of the Shared Environmental Information System (SEIS) and reporting on waste and circular economy in 2024, (UNECE consultant) • UNSD/UNEP and OECD/Eurostat Questionnaires - Lessons learned and upcoming reporting (UNECE consultants) • Indicator-based “country spaces” in the European State of the Environment SOER2025 report – status and challenges (EEA/Umweltbundesamt) • Industrial Reporting under the Industrial Emissions Directive 2010/75/EU and European Pollutant Release and Transfer Register Regulation (EC) No 166/2006, tbc • Reporting under the Basel Convention, Basel Convention Secretariat and – national experiences • National waste management plans...
17:00	Closing