

Regional training on *air quality and emissions to air* statistics and indicators

Producing, sharing and using high-quality information for Cleaner Air

4-5 May 2023

Provisional Programme (version of 28 April 2023)

Thursday, 4 May 2023	
09:30 - 09:45	<p>Opening remarks</p> <ul style="list-style-type: none"> Christine Kitzler and Michael Nagy (UNECE) Tomas Marques (UNEP)
09:45 – 10:50	<p>Session 1. Why improving air quality and measuring emissions matter. Indicators as tools to address local, national and regional challenges.</p> <p>In this session countries and international organizations will share their experiences in developing air quality and emissions to air indicators and their use in creating a healthy environment, sustainable cities and resilient infrastructure.</p> <p>Moderator: Tomas Marques</p> <ul style="list-style-type: none"> Convention on Long-range Transboundary Air Pollution: Using UNECE air quality indicators as monitoring and evaluation tools. Anna Kaplina, Secretariat of the Convention, UNECE Use of Air Quality Data for policy-relevant Health Assessments: new WHO Global Air Quality Guidelines and related data requirements. Dorota Jarosinska, Pierpaolo Mudu, WHO European Centre on Environment and Health (online) The right to a healthy environment. Use of air quality data to inform air pollution assessments. Katherine Hall, UNEP Interactive dashboards of greenhouse gas emissions for policy support. Christian Nagl, Environment Agency Austria
10:50 - 11:05	<p>Coffee break</p>
11:05 – 12:00	<p>Session 2. Using UNECE Guidelines for the Application of Environmental Indicators and global statistical frameworks to produce high quality statistics and indicators for Cleaner Air</p> <p>Experts will introduce participants into how using UNECE’s Guidelines and globally statistical frameworks can facilitate the production of comparable, coherent and multi purposed- air related statistics and indicators and share how to consistently organize economic and environmental information.</p> <p>Moderator: Christine Kitzler, UNECE</p> <ul style="list-style-type: none"> UN Framework for the Development of Environment Statistics: A tool for structuring statistics and indicators, data disaggregation and identifying data gaps. Adriana Oropeza Lliteras, UNECE consultant. UNECE Guidelines for the Application of Environmental Indicators. Michael Nagy, UNECE SEEA: Linking physical environmental and monetary information – The need for emission accounts. Olivier Thunus, Statistics Luxembourg.

12:00 – 12:30	<p>Session 3. Technical training on UNECE’s Air Quality indicators</p> <p>In this session, participants will receive methodological and practical guidance regarding the most important air pollutants that can have a negative impact on human and ecosystem health, main data sources, the calculation of UNECE air quality indicators and the presentation and sharing of this information.</p> <p>Moderator: Adriana Oropeza Lliteras, UNECE consultant</p> <ul style="list-style-type: none"> Enabling conditions for producing air quality indicators: Institutional environment, infrastructure, etc.. Dimitrios Meimaris, UNECE consultant
12:30 – 14:30	<p>Lunch</p>
14:30 – 15:45	<p>Continuation of session 3. Technical training on UNECE’s Air Quality indicators</p> <ul style="list-style-type: none"> Overview on implementation in countries (main survey results). Adriana Oropeza Lliteras, UNECE consultant Monitoring networks and methodological aspects. Christian Nagl, Environment Agency Austria Q&A
15:45 – 16:00	<p>Coffee break</p>
16:00 – 17:30	<p>Session 4. Experiences and innovative tools for producing and sharing UNECE Air Quality (AQ) indicators</p> <p>The session will feature selected presentations on good practices and experiences on producing and sharing air quality statistics and indicators. Presenters will be invited to discuss how UNECEs priority indicators inform one or more policies and the challenges faced during their production.</p> <p>Moderator: Adriana Oropeza Lliteras, UNECE consultant</p> <ul style="list-style-type: none"> Potential of using Earth observation data for producing UNECE air quality indicators. Anu-Maija Sundström, Finnish Meteorological Institute (online) Air quality monitoring automation and legislating PM2.5/PM10 in Uzbekistan. Aziz Ganiev, ZAMIN Foundation Production and sharing of air pollution and ozone depletion indicators in Georgia. Lasha Akhalaia, Ministry of Environmental Protection and Agriculture of Georgia Modern air quality indexes in Kazakhstan. Olga Korniyukhova, environmental expert at Climate Centre Ltd (online) Azerbaijan: Best practices in air quality management. Nazim Mahmudov, Ministry of Ecology and Natural Resources Open discussion, Q&A

Friday, 5 May 2023

09:30 – 10:45	<p>Session 5. Technical training on UNECE’s emissions of greenhouse gases (GHGs) indicators</p> <p>In this session, participants will receive methodological and practical guidance regarding direct and indirect greenhouse gases (GHG), source categories for GHG emissions, main data sources, the calculation of UNECE GHG indicators and their relation to economic, demographic and geographical information as well as how to present and share UNECE’s GHGs indicators.</p>
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	<p>Moderator: Adriana Oropeza Lliteras, UNECE consultant</p> <ul style="list-style-type: none"> • Enabling conditions for producing GHG indicators: Institutional environment, infrastructure, etc. Dimitrios Meimaris, UNECE consultant • Data sources and methodological aspects. Olivier Thunus, Statistics Luxembourg
10:45 – 11:00	Coffee Break
11:00 – 11:45	<p>Continuation of session 5. Technical training on UNECE’s emissions of greenhouse gases (GHGs) indicators</p> <ul style="list-style-type: none"> • Overview on implementation in countries (main survey results). Adriana Oropeza Lliteras, UNECE consultant • Questions and answers
11:45 – 12:30	<p>Session 6. National experiences in producing UNECE GHG indicators</p> <p>The session will feature selected presentations on good practices and experiences and statistical activities launched to measure GHG emissions. Presenters will be invited to discuss how UNECE priority indicators inform one or more policies and the challenges faced during their production.</p> <p>Moderator: Michael Nagy, UNECE</p> <ul style="list-style-type: none"> • Role of SEEA-CF in producing GHG indicators: <ul style="list-style-type: none"> ○ Italy. Angelica Tudini, Italian National Institute of Statistics (online) ○ Luxembourg. Olivier Thunus, Statistics Luxembourg • Strategic statistical activities from the Environment Agency. Republic of Moldova (speaker to be confirmed)
12:30 – 14:30	Lunch
14:30 – 15:00	<p>Continuation of session 6. National experiences in producing UNECE GHG indicators</p> <ul style="list-style-type: none"> • GHG indicators and economic sectors included in Azerbaijan’s National Determined Contribution. Nazim Mahmudov, Ministry of Ecology and Natural Resources • Open discussion
15:00 – 15:45	<p>Session 7. Technical training on UNECE’s indicators on consumption of ozone depleting substances (ODSs) and emissions of other substances to air</p> <p>In this session, participants will discuss methodological and practical guidance regarding main data sources and statistics used to measure the apparent consumption of ODS and other substances to air, how to calculate ODS and other substances to air indicators and their relation to economic, demographic and geographical information and how to present and share UNECE’s ODS and other substances to air indicators.</p> <p>Moderator: Adriana Oropeza Lliteras, UNECE consultant</p> <ul style="list-style-type: none"> • ODS and emissions of other substances to air. Dimitrios Meimaris, UNECE consultant • Overview on implementation in countries (main survey results). Adriana Oropeza Lliteras, UNECE consultant • Q&A

15:45 – 16:00	Coffee break
16:00 – 17:15	<p>Session 8. Supporting implementation of the Shared Environmental Information System (SEIS) and reporting under the Convention on Long-range Transboundary Air Pollution</p> <p>In this session, national and international experts will be invited to provide useful data sharing and reporting activities to implement SEIS, their underlying principles to integrate consistently different air related statistics and indicators and to support reporting including under the Convention on Long-range Transboundary Air Pollution</p> <p>Moderator: Michael Nagy, UNECE</p> <ul style="list-style-type: none"> • Update on the upcoming SEIS reporting on air indicators. Dimitrios Meimaris, UNECE consultant • Reporting under the Convention on Long-range Transboundary Air Pollution. Sabine Schindlbacher, Environment Agency Austria • Capacity development activities under the Convention and e-learning course on air pollution emission inventory development. Carolin Sanz Noriega, Secretariat of the Convention, UNECE • Use of emissions and air quality data to provide public information. Alberto González Ortiz, European Environment Agency (pre-recorded video presentation)
17:15 – 17:30	Conclusions and recommendations