



environment

umweltbundesamt^U

Project: “Improved environmental monitoring and assessment in support of the 2030 Sustainable Development Agenda in South-Eastern Europe, Central Asia and the Caucasus”
funded by the UN Development Account

Webinar 3

“Waste Management Indicators and Policies”

10 March 2021, virtual meeting

Ms. Christine Kitzler, United Nations Economic Commission for Europe (UNECE)

Mr. Tomas Marques, UN Environment (UNEP) Europe Office



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United Nations Development Account project on improving environmental monitoring and assessment in support of the 2030 Sustainable Development Agenda

Joint UNECE-UNEP project on SEIS, environmental indicators & SDGs

'Improved environmental monitoring and assessment in support of the 2030 Sustainable Development Agenda in South-Eastern Europe, Central Asia and the Caucasus'

Implemented by UNECE & UNEP and together with EAA, supported by EEA & UN country teams & funded by the UN Development Account (11th Tranche)



Ministry of National Economy
Republic of Kazakhstan
Committee on Statistics
www.stat.gov.kz

MONITORING OF ENVIRONMENTAL INDICATORS UNDER THE SDGs

UNEP environmental indicators vs UNECE environmental indicators

Gap analysis and actions needed to address them

Indicator	UNEP	UNEP/UNECE	UNEP/UNECE/UNECE
1.1.1	Yes	Yes	Yes
1.1.2	Yes	Yes	Yes
1.1.3	Yes	Yes	Yes
1.1.4	Yes	Yes	Yes
1.1.5	Yes	Yes	Yes
1.1.6	Yes	Yes	Yes
1.1.7	Yes	Yes	Yes
1.1.8	Yes	Yes	Yes
1.1.9	Yes	Yes	Yes
1.1.10	Yes	Yes	Yes
1.1.11	Yes	Yes	Yes
1.1.12	Yes	Yes	Yes
1.1.13	Yes	Yes	Yes
1.1.14	Yes	Yes	Yes
1.1.15	Yes	Yes	Yes
1.1.16	Yes	Yes	Yes
1.1.17	Yes	Yes	Yes
1.1.18	Yes	Yes	Yes
1.1.19	Yes	Yes	Yes
1.1.20	Yes	Yes	Yes
1.1.21	Yes	Yes	Yes
1.1.22	Yes	Yes	Yes
1.1.23	Yes	Yes	Yes
1.1.24	Yes	Yes	Yes
1.1.25	Yes	Yes	Yes
1.1.26	Yes	Yes	Yes
1.1.27	Yes	Yes	Yes
1.1.28	Yes	Yes	Yes
1.1.29	Yes	Yes	Yes
1.1.30	Yes	Yes	Yes
1.1.31	Yes	Yes	Yes
1.1.32	Yes	Yes	Yes
1.1.33	Yes	Yes	Yes
1.1.34	Yes	Yes	Yes
1.1.35	Yes	Yes	Yes
1.1.36	Yes	Yes	Yes
1.1.37	Yes	Yes	Yes
1.1.38	Yes	Yes	Yes
1.1.39	Yes	Yes	Yes
1.1.40	Yes	Yes	Yes
1.1.41	Yes	Yes	Yes
1.1.42	Yes	Yes	Yes
1.1.43	Yes	Yes	Yes
1.1.44	Yes	Yes	Yes
1.1.45	Yes	Yes	Yes
1.1.46	Yes	Yes	Yes
1.1.47	Yes	Yes	Yes
1.1.48	Yes	Yes	Yes
1.1.49	Yes	Yes	Yes
1.1.50	Yes	Yes	Yes
1.1.51	Yes	Yes	Yes
1.1.52	Yes	Yes	Yes
1.1.53	Yes	Yes	Yes
1.1.54	Yes	Yes	Yes
1.1.55	Yes	Yes	Yes
1.1.56	Yes	Yes	Yes
1.1.57	Yes	Yes	Yes
1.1.58	Yes	Yes	Yes
1.1.59	Yes	Yes	Yes
1.1.60	Yes	Yes	Yes
1.1.61	Yes	Yes	Yes
1.1.62	Yes	Yes	Yes
1.1.63	Yes	Yes	Yes
1.1.64	Yes	Yes	Yes
1.1.65	Yes	Yes	Yes
1.1.66	Yes	Yes	Yes
1.1.67	Yes	Yes	Yes
1.1.68	Yes	Yes	Yes
1.1.69	Yes	Yes	Yes
1.1.70	Yes	Yes	Yes
1.1.71	Yes	Yes	Yes
1.1.72	Yes	Yes	Yes
1.1.73	Yes	Yes	Yes
1.1.74	Yes	Yes	Yes
1.1.75	Yes	Yes	Yes
1.1.76	Yes	Yes	Yes
1.1.77	Yes	Yes	Yes
1.1.78	Yes	Yes	Yes
1.1.79	Yes	Yes	Yes
1.1.80	Yes	Yes	Yes
1.1.81	Yes	Yes	Yes
1.1.82	Yes	Yes	Yes
1.1.83	Yes	Yes	Yes
1.1.84	Yes	Yes	Yes
1.1.85	Yes	Yes	Yes
1.1.86	Yes	Yes	Yes
1.1.87	Yes	Yes	Yes
1.1.88	Yes	Yes	Yes
1.1.89	Yes	Yes	Yes
1.1.90	Yes	Yes	Yes
1.1.91	Yes	Yes	Yes
1.1.92	Yes	Yes	Yes
1.1.93	Yes	Yes	Yes
1.1.94	Yes	Yes	Yes
1.1.95	Yes	Yes	Yes
1.1.96	Yes	Yes	Yes
1.1.97	Yes	Yes	Yes
1.1.98	Yes	Yes	Yes
1.1.99	Yes	Yes	Yes
1.1.100	Yes	Yes	Yes

INTEGRATED ENVIRONMENTAL INFORMATION MANAGEMENT AND MONITORING SYSTEM 2019

The diagram shows a central hub for environmental data collection and reporting, involving various government departments and international organizations like UNEP and UNECE. It details the flow of information from data collection to reporting and monitoring, supported by a strategic framework.

Environmental data to Support the Implementation of the Sustainable Development Goals

Project led by UNECE and implemented together with UNEP - "WHAT IS IT ABOUT?"

Shared Environmental Information System (SEIS) implementation - "WHAT IS THE PURPOSE?"

Shared Environmental Information System (SEIS) in South and West Europe - "WHAT IS THE PURPOSE?"

1. Identification of environmental indicators in work programs of Statistics of the SDGs with corresponding metadata, location and "WHAT IS IT ABOUT?"

2. Development of environmental indicators in SEIS

3. Integration of SEIS with existing systems (e.g. national statistics and EEA, national statistics, data sets) and environmental data

4. Development of environmental indicators in SEIS and corresponding metadata for reporting

Indicator	UNEP	UNEP/UNECE	UNEP/UNECE/UNECE
1.1.1	Yes	Yes	Yes
1.1.2	Yes	Yes	Yes
1.1.3	Yes	Yes	Yes
1.1.4	Yes	Yes	Yes
1.1.5	Yes	Yes	Yes
1.1.6	Yes	Yes	Yes
1.1.7	Yes	Yes	Yes
1.1.8	Yes	Yes	Yes
1.1.9	Yes	Yes	Yes
1.1.10	Yes	Yes	Yes
1.1.11	Yes	Yes	Yes
1.1.12	Yes	Yes	Yes
1.1.13	Yes	Yes	Yes
1.1.14	Yes	Yes	Yes
1.1.15	Yes	Yes	Yes
1.1.16	Yes	Yes	Yes
1.1.17	Yes	Yes	Yes
1.1.18	Yes	Yes	Yes
1.1.19	Yes	Yes	Yes
1.1.20	Yes	Yes	Yes
1.1.21	Yes	Yes	Yes
1.1.22	Yes	Yes	Yes
1.1.23	Yes	Yes	Yes
1.1.24	Yes	Yes	Yes
1.1.25	Yes	Yes	Yes
1.1.26	Yes	Yes	Yes
1.1.27	Yes	Yes	Yes
1.1.28	Yes	Yes	Yes
1.1.29	Yes	Yes	Yes
1.1.30	Yes	Yes	Yes
1.1.31	Yes	Yes	Yes
1.1.32	Yes	Yes	Yes
1.1.33	Yes	Yes	Yes
1.1.34	Yes	Yes	Yes
1.1.35	Yes	Yes	Yes
1.1.36	Yes	Yes	Yes
1.1.37	Yes	Yes	Yes
1.1.38	Yes	Yes	Yes
1.1.39	Yes	Yes	Yes
1.1.40	Yes	Yes	Yes
1.1.41	Yes	Yes	Yes
1.1.42	Yes	Yes	Yes
1.1.43	Yes	Yes	Yes
1.1.44	Yes	Yes	Yes
1.1.45	Yes	Yes	Yes
1.1.46	Yes	Yes	Yes
1.1.47	Yes	Yes	Yes
1.1.48	Yes	Yes	Yes
1.1.49	Yes	Yes	Yes
1.1.50	Yes	Yes	Yes
1.1.51	Yes	Yes	Yes
1.1.52	Yes	Yes	Yes
1.1.53	Yes	Yes	Yes
1.1.54	Yes	Yes	Yes
1.1.55	Yes	Yes	Yes
1.1.56	Yes	Yes	Yes
1.1.57	Yes	Yes	Yes
1.1.58	Yes	Yes	Yes
1.1.59	Yes	Yes	Yes
1.1.60	Yes	Yes	Yes
1.1.61	Yes	Yes	Yes
1.1.62	Yes	Yes	Yes
1.1.63	Yes	Yes	Yes
1.1.64	Yes	Yes	Yes
1.1.65	Yes	Yes	Yes
1.1.66	Yes	Yes	Yes
1.1.67	Yes	Yes	Yes
1.1.68	Yes	Yes	Yes
1.1.69	Yes	Yes	Yes
1.1.70	Yes	Yes	Yes
1.1.71	Yes	Yes	Yes
1.1.72	Yes	Yes	Yes
1.1.73	Yes	Yes	Yes
1.1.74	Yes	Yes	Yes
1.1.75	Yes	Yes	Yes
1.1.76	Yes	Yes	Yes
1.1.77	Yes	Yes	Yes
1.1.78	Yes	Yes	Yes
1.1.79	Yes	Yes	Yes
1.1.80	Yes	Yes	Yes
1.1.81	Yes	Yes	Yes
1.1.82	Yes	Yes	Yes
1.1.83	Yes	Yes	Yes
1.1.84	Yes	Yes	Yes
1.1.85	Yes	Yes	Yes
1.1.86	Yes	Yes	Yes
1.1.87	Yes	Yes	Yes
1.1.88	Yes	Yes	Yes
1.1.89	Yes	Yes	Yes
1.1.90	Yes	Yes	Yes
1.1.91	Yes	Yes	Yes
1.1.92	Yes	Yes	Yes
1.1.93	Yes	Yes	Yes
1.1.94	Yes	Yes	Yes
1.1.95	Yes	Yes	Yes
1.1.96	Yes	Yes	Yes
1.1.97	Yes	Yes	Yes
1.1.98	Yes	Yes	Yes
1.1.99	Yes	Yes	Yes
1.1.100	Yes	Yes	Yes

Gap Analysis on Reporting Environmental SDGs by Georgia

Main Challenges

- There is no official "nationalization" matrix for SDGs by the Government of Georgia
- SDGs, its targets and indicators are not adequately integrated in strategic environmental planning documents of Georgia
- Links between SDG targets are not identified adequately
- Not all environmental SDGs and its targets are nationalized by MEPA
- Baseline and target data are not identified for all nationalized indicators of MEPA
- No reporting or monitoring system is in place to disseminate information on SDGs implementation
- Insufficient financial, technical and human resources

Relevant Planned Actions

- Approval of official "nationalization" matrix for SDGs by the Government of Georgia
- Further integration of environmental SDGs in Medium Term Expenditure Framework (MTEF) and Strategic documents by MEPA
- Analysis of interlinkages between SDG targets is in the process
- Nationalization of further environmental SDGs and its targets by MEPA (esp. SDG6)
- Gradual definition of baseline and target data for all nationalized indicators of MEPA
- Launching of SDG Monitoring System (SDGMS) and SDG Toolkit by the Government of Georgia
- Capacity building of MEPA and GEOSTAT staff in cooperation with FAO and other int. organizations

Regional Conference on Environmental Data
Geneva, Switzerland
8 May 2019

Improving environmental monitoring and assessment in support of the 2030 Sustainable Development Agenda in the Republic of Armenia

Nationalization of Agenda 2030

The implementation of 2030 Sustainable Development Goals is a high priority for the Republic of Armenia. It is required to be supported by the Government of Armenia.

Its inclusion and support the SDG implementation process, Armenia has already established a comprehensive National SDG Statistical Platform. The National SDG Statistical Platform provides an effective framework for planning and monitoring of the sustainable development progress in the country. It is one of the Platform's main functionalities. Nationalized indicators and indicators for reporting progress towards development goals are being supported by the GEOSTAT, EEA and OECD.

ENVIRONMENTAL DATA EXCHANGE AND INFORMATION FLOWS

Progress towards the expected results

Publication

Challenges

- Lack of methodology
- Lack of data and data sources
- Lack of disaggregation level
- Lack of representative expert panels
- Lack of institutional arrangements

Roadmap on SDGs statistics



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Target countries



Duration

January 2018-
December
2021

Armenia, Bosnia and Herzegovina, Georgia, Kazakhstan, Kyrgyzstan, North Macedonia and Tajikistan

Main objectives

- To **strengthen capacities** of national environmental authorities and statistical agencies to collect, **produce data in accordance with SEIS**
- To improve accessibility and use of regularly updated and high-quality environmental indicators, within the framework of SEIS, to respond to international indicator-based reporting obligations, **including monitoring progress towards the Sustainable Development Goals**
- To **strengthen capacities** of target countries in producing environment- and health-related indicators and their use for **decision-making on environment and health topics**

Status of implementation - completed

- Development of 7 **gap analysis reviews** (1 per target country) on SEIS establishment, environmental data & information to cover the production of regional/international environmental indicators – **completed**
- Development of **national workplans or roadmaps** to enhance national SEIS establishment – **drafts available**
- 1 regional capacity development workshop – **organized in May 2019**
- 1st webinar on SDG 3 (16 December 2020) – **organized in December 2020**
- 2nd webinar on SDG 7 (24 February 2021) – **organized in February 2021**

Amendments to project due to COVID-19

- Strengthening of **environment and health aspects** (incl. through training material) during the capacity development activities
- **5 regional/sub-regional webinars instead** of 7 national training & capacity development sessions (1 per target country) on streamlining production of regionally & internationally agreed environmental data flows & indicators
- Development of an **e-learning course** on monitoring, production of environmental & health-related data & indicators & SDGs and Development of a **SDGs/SEIS knowledge sharing platform**





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Other activities – to be confirmed or changed depending on COVID-19 situation in 2021

- Advisory missions by UNEP and UNECE to support in regular environmental monitoring and assessment as part of preparing national roadmaps to monitor SDGs – [depending on situation related to COVID-19](#)
- **7 national capacity-development workshops** (1 per target country) to improve the institutional knowledge base for data collection standards and the use of monitoring and assessment tools for regular indicator-based assessments to measure progress towards the environment-related SDGs – [replaced by webinars, additional webinars tbc](#)
- **1 regional capacity-development workshop** with participation of all 7 target countries – [back-to-back to next JTF meeting?](#)
- Development of **guidelines** on addressing specific human and institutional capacity needs
- Assessment of COVID-19 impacts on the state of the environment in the target countries
- Review of UNECE environment and health related indicators



Confirmed next steps and planned activities in the coming months

- 3 regional capacity development webinars

10 March 2021	Capacity building Webinar #3 on SDG 12. Ensure sustainable consumption and production patterns (12.2, 12.4 and 12.5) + 11.6.1 (municipal waste)
21 April 2021, tbc	Capacity building Webinar #4 on SDG 6. Ensure availability and sustainable management of water and sanitation for all (6.1–6.4 and 6.6)
26 May 2021, tbc	Capacity building Webinar #5 on SDG 15. Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss (15.1, 15.4, 15.5)

- Development of training material incl. on environment & health aspects (2021)
- Developing a self-paced online course based on webinar materials (1st half 2021)
- Development of the knowledge sharing platform (2021)



Thank you!

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