

Working Group on Environmental Monitoring and Assessment

Twenty-fifth session, Geneva and online, 2-3 May 2023

Agenda Item 6: Reporting on the Shared Environmental Information System (SEIS) to support a regular process of environmental assessment

Discussion on next steps in implementing outcomes of 9th EfE Ministerial Conference related to SEIS and open data



Background



Ninth EfE Ministerial Conference - Ministers and Heads of delegations:

- Commended general establishment of SEIS across the region

Indicator	European Union	Western Europe	Central Asia	Eastern Europe	South-Eastern Europe	Pan-European region
SEIS established, 2011–2021	😊 ↗	😊 ↗	😊 ↗	😊 ↗	😊 ↗	😊 ↗

Source: ECE/CEP/AC.10/2021/6.

Note: Trend is ↗ on average improving; SEIS established but with gaps in the alignment with the principles and pillars 😊.

- Invited countries to continue their efforts to implement all pillars of SEIS – content, infrastructure and cooperation – and to address any remaining gaps.
- Recommended that countries make environmental information publicly available, findable, accessible, interoperable, reusable, and encouraged collection of local and indigenous knowledge, citizen science and crowdsourced data.
- Encouraged countries, when developing digitalization of environmental information systems relying on open data, big data and state-of-the-art digital technologies, to improve data availability, transparency and public involvement in decision-making.

The Working Group at its 24th session (April 2022):

- Agreed to review annually a limited number of environmental themes and indicators based on the SEIS assessment framework, and that the revised UNECE indicator guidelines should be implemented and used
- Agreed to review in 2023 the theme “air pollution and air quality” followed by the theme “waste” in 2024 and “energy, including renewable energy” in 2025



Next steps in implementation of Nicosia outcomes on SEIS and open data (1/3)



- Policy recommendations from latest SEIS review and from pan-European Assessment reflected in new mandate and ToR of the Working Group and outline of activities, for example:
 - To align SEIS with revised UNECE environmental indicators, regularly revise indicators and data flows to inform latest global policies and continue work on integration and harmonization of data flows in line with SEIS principles...
- Priorities & detailed activities for next years related to implementation of Ministerial Declaration can still be discussed / defined

Next steps in implementation of Nicosia outcomes on SEIS and open data (2/3)



- Various training workshops planned on revised UNECE environmental indicators (subject to availability of funding) in support of SEIS and to close data gaps:
 - 4-5 May 2023: Regional training on air quality and emissions to air statistics and indicators followed by the SEIS review on the theme “air”
 - 2024: Regional training on waste statistics and indicators followed by the SEIS review on the theme “waste”
 - 2025: Regional training on energy including renewable energy statistics and indicators followed by the SEIS review on the theme “energy”

Next steps in implementation of Nicosia outcomes on SEIS and open data (3/3)



- Extrabudgetary funded projects to support SEIS implementation and open data supported by international organizations (EU4 Environment (2021-2024) and any future ones?, UNEP projects, EEA activities ..)
- Country actions to implement SEIS as part of their regular internal environmental monitoring process.

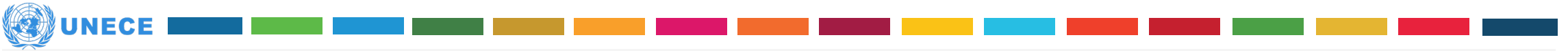
Other activities to implement Nicosia outcomes on SEIS and open data – Mentimeter Survey



Mentimeter Questions:

- **What other actions and activities are needed to support closing of gaps and implementation of SEIS and open data?** [open question] / Какие другие действия и мероприятия необходимы для устранения пробелов и внедрения SEIS? [открытый вопрос]
- **Which additional actions do you suggest to make information publicly available, findable, accessible, interoperable and reusable?** [open question] / Какие дополнительные действия вы предлагаете, чтобы сделать информацию общедоступной, доступной, функциональной и пригодной для повторного использования? [открытый вопрос]

Other activities to implement Nicosia outcomes on SEIS and open data – Mentimeter Survey



Mentimeter Questions:

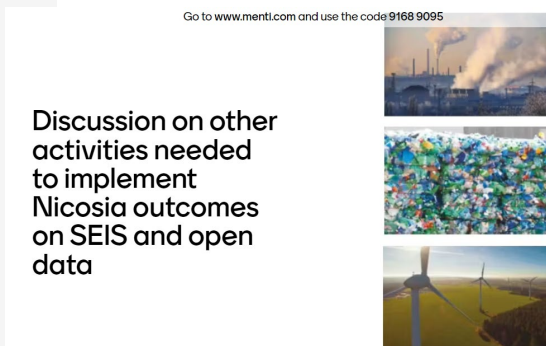
- **How could the Working Group best support countries in/with** / Как рабочая группа могла бы наилучшим образом поддержать страны в/с:
 - **collection of local and indigenous knowledge?** [open] / сбор местных и коренных знаний? [открыть]
 - **citizen science?** [open] / гражданская наука? [открыть]
 - **crowdsourced data?** [open] / краудсорсинговые данные? [открыть]
- **When developing digitalization of environmental information systems, is your country relying on open data, big data and state-of-the-art digital technologies to improve data availability, transparency and public involvement in decision-making?** [yes/no]. **Please specify** [open] / При разработке систем экологической информации ваша страна опирается на открытые данные, большие данные и современные цифровые технологии для повышения доступности данных, прозрачности и вовлечения общественности в процесс принятия решений? [да нет]. Пожалуйста, укажите [открыть]

How to connect to the survey



How to connect:

- Option 1: Voting link: <https://www.menti.com/blqqp8gu7o5x>
- Option 2: www.menti.com and add the Voting code: 9168 9095
- Option 3: Use the following QR Code



Questions & Comments



THANK YOU!

Comments and/or questions?

Proposed Decisions



Proposed Decision:

The Working Group:

- a) Suggests the following activities and priorities to support the implementation of the outcomes of the Environment for Europe Ministerial Conference that relate to SEIS and open data: **xxx**
- b) Requests the secretariat to assess the possibility of organizing a regional training event on the revised UNECE waste indicators, possibly within the framework of the EU-funded programme “EU4Environment Water Resources and Environmental Data”.