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European
Environment
Agency

ENI SEIS II EAST Project

Joint UNECE-EEA Workshop on Open Data for the Environment
2nd October 2019

***Roadmap for integrating environmental information
in national E-Governance/Open Data processes
in Eastern Partnership countries***

(Armenia, Azerbaijan, Belarus, Georgia, Republic of Moldova and Ukraine)

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SEIS principles and pillars



" ... to continue their **efforts** and to further **develop** their national information systems to have **SEIS in place** in the countries of Europe and Central Asia **by 2021**"

Three main pillars:

- ✓ Institutional cooperation
- ✓ Content
- ✓ Infrastructure



SEIS principles and pillars



" ... to continue their **efforts** and to further **develop** their national information systems to have **SEIS in place** in the countries of Europe and Central Asia **by 2021**"

Information should be:

1. Managed **as close as** possible to its source.
2. Collected **once** and **shared** with others for many purposes.
3. **Readily available** to easily fulfil reporting obligations.
4. **Easily accessible** to all users.
5. Accessible to enable **comparisons** at the appropriate geographical scale **and** the **participation** of citizens.
6. **Fully available** to the general public and at national level in the relevant national language(s).
7. Supported through **common, free, open software standards**.



The context for the actions on Open Data in EU

[Digital Europe Programme \(2021-2027\)](#)

[European Commission Digital \(Data\) Strategy](#)

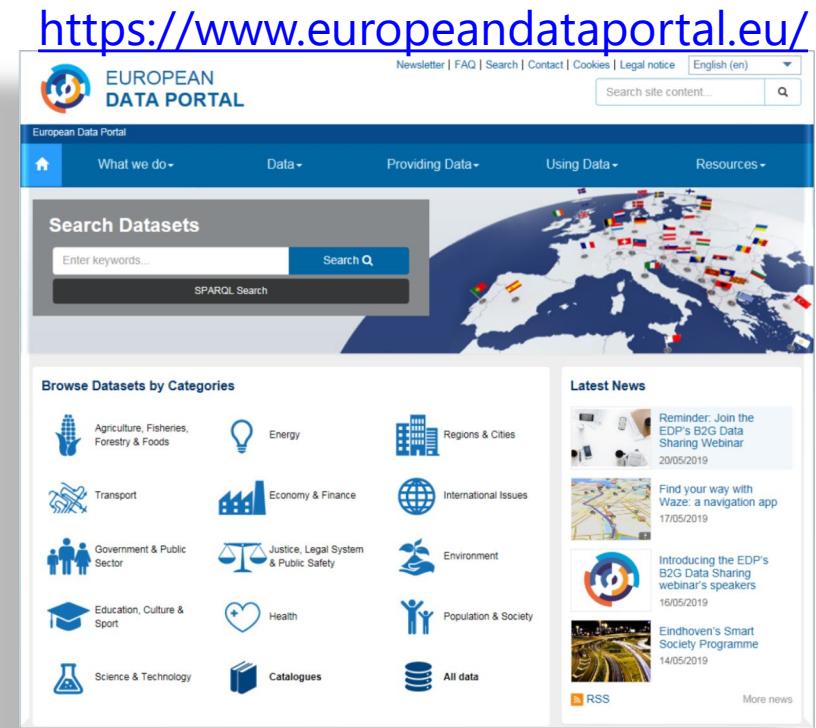
[Public access to Environmental Information DIR 2003/4/EC](#)
[and Aarhus Convention \(international\)](#)

[Directive on open data and the re-use of public sector information](#)
or '[Open Data Directive](#)' ([Directive 2019/1024](#)) – entered into force on 16 July 2019

[Infrastructure for Spatial Information in the European Community \(INSPIRE\) DIR 2007/2/EC](#)

[Fitness Check of Reporting and Monitoring of EU Environment Policy \(2017\)](#)
[Actions to Streamline Environmental Reporting](#)

[EEA Open Data Policy](#)





The ENI SEIS II East project's expected results

Armenia - Azerbaijan - Belarus - Georgia – Republic of Moldova - Ukraine



1. Implementation of **regional/international commitments** related to environmental reporting;
Data harmonisation / comparable
2. Improved capacities in the national administrations to **manage and use environmental information** to support decision-making;
Tools / information systems / indicators
3. Regular “State of the Environment” reports and **indicator-based assessments** in line with EU and EEA methodologies;
Integration, key messages

<https://eni-seis.eionet.europa.eu/east>

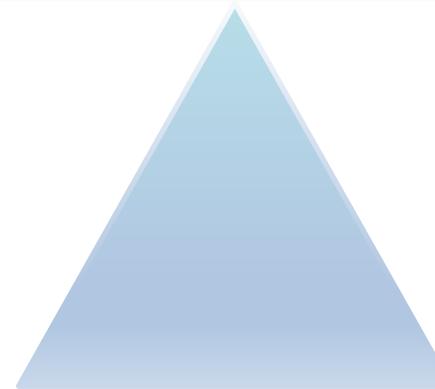




Open data on Environment – going beyond EU

EU initiative: Streamlining environmental reporting

ENI SEIS II East activity: **Open Data and e-Government for Environment**



"Develop a roadmap and identify feasible and practical means for integrating environmental information in national e-Governance/Open Data processes and platforms"

Open Data Maturity in Europe (EU countries)

(Draft) Country Maturity Reports on dissemination of environmental Information (ENI countries)

EU EIS project: Promote best practices for European and national Environmental Information Systems (EU countries)

(Action 5): <http://www.eis-data.eu/>

<https://www.europeandataportal.eu>: Open Data best practices in Europe's Top Three Performers (Ireland, Spain and France)

ENI SEIS II East project: **(Draft) Good practices on Open data and e-government for fostering environmental information sharing and dissemination (ENI countries)**





“..develop a Roadmap and identify feasible and practical means for integrating environmental information in national e-governance/Open Data processes and platforms”

The “Open Data for Environment” component under the ENI SEIS II East project aims at ensuring:

- **Sustainability of the invested efforts** – building on results from the project thematic activities and bringing together relevant information in support of regular environmental assessments
- **Ownership by the partner countries** in advancing the open data initiatives at national and regional level
- **Synergy with the Arhus Convention** activities to increase the environmental information availability and multiple use, in line with the SEIS principles





Deliverables (1)

Documents

- **6 (Draft) Country Maturity Reports - on sharing and dissemination of environmental information** (*still open for comments*)
 - Challenges related to E-government and Open Data initiatives and environmental information management/sharing
 - **National Roadmap**
- **(Draft) Open data and e-government good practices for fostering environmental information sharing and dissemination** (*still open for comments*)
 - **Good practices** for fostering environmental information sharing and dissemination
 - Recommendations





Deliverables (2)

- Bring the experts together
 - Raise awareness on the benefits of sharing environmental information and knowledge
-
- ✓ 1st Regional meeting of EaP countries
 - ✓ 6 National roundtables
 - ✓ 2nd Regional meeting and the *way forward*



In summary

- **Outcomes** of the “Open Data for Environment” project:
 - **Relevant** to any environment or related domain
 - **Replicable** to any other country/region
 - **Setup a model** for the future initiatives
 - Feed into the current projects implemented at national/regional levels
- **Input to:**
 - Improving access to environmental information
 - Aarhus Convention implementation
 - Task Force on Access to Information future work plan
 - Current consultation process on *“Recommendations on the more effective use of Electronic Information Tools to provide public access to Environmental Information”*
- **Practical activity** to feed into the legal/organisational/technical implementation of the **Access to Information** pillar of the Aarhus Convention at national level
- Continue the regular institutional dialogue at national level
- Set up a regular monitoring process to assess progress on SEIS implementation

“..develop a roadmap and identify feasible and practical means for integrating environmental information in national e-governance/Open Data processes and platforms”

- 1st Regional workshop on Open Data and e-Government for the Environment
 - National roundtable on open data and e-government for the environment in Armenia
 - National roundtable on open data and e-government for the environment in Azerbaijan
 - National roundtable on open data and e-government for the environment in Belarus
 - National roundtable on open data and e-government for the environment in Georgia
 - National roundtable on open data and e-government for the environment in the Republic of Moldova
 - National roundtable on open data and e-government for the environment in Ukraine
- Joint UNECE-EEA Workshop on Open Data for the Environment



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Implementation of the Shared Environmental Information System (SEIS) principles and practices in the ENP East region to Eastern Partnership Countries

[Regional View](#) | [Country Perspectives](#) | [Upcoming Events](#)

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Regional View

Renewed commitment to share environmental information across pan-European region

Geneva, 30 January 2019

The executive heads of the United Nations Economic Commission for Europe, the European Office of the United Nations Environment Programme and the European Environment Agency met to discuss opportunities in environmental monitoring, reporting, assessment and strengthening networks.

[Read more](#)



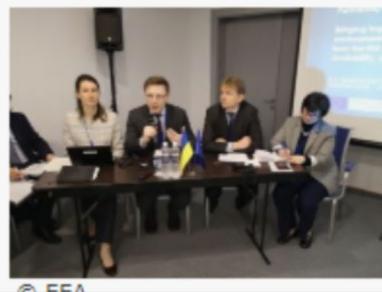
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Integration of environmental information into national e-governance, open data frameworks and platforms

Kyiv, 5-6 March 2019

The regional seminar kicked off discussions to find practical ways of integrating environmental information in national e-governance/open data frameworks and platforms, in particular the accessibility and role of these in sharing information and providing additional environmental, social and economic benefits.

[Read more](#)



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