

The European Environment Agency and ENI SEIS II East project

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Geospatial Data Management



The European Environment Agency

Coordinate the

European environment information and observation network (Eionet)

INSTITUTIONAL COOPERATION

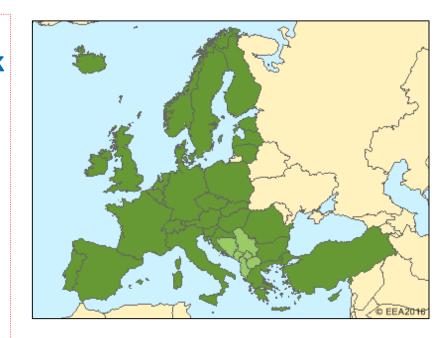
(approx. 350 national bodies)

COMMON KNOWLEDGE

(approx. 1500 experts)

SHARED INFRASTRUCTURE

(Reportnet, reporting obligations, tools)



- 33 Member countries (EU28+5) + 6 Cooperating countries (West Balkan)
- 6 Eastern Partnership countries9 Southern Mediterranean countries



The European Environment Agency

https://www.eea.europa.eu/

https://www.facebook.com/European.Environment.Agency







The ENI SEIS II East project's expected results

Armenia - Azerbaijan - Belarus - Georgia - 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

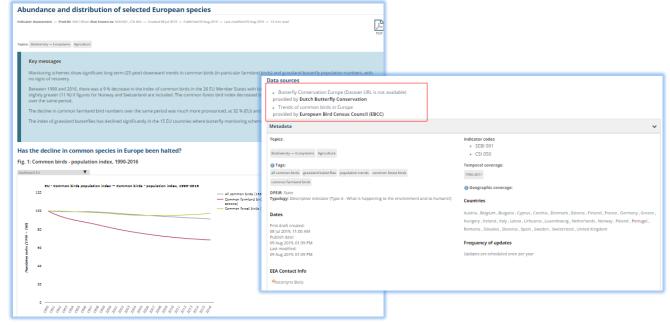


"State of the Environment online" - traceability of data

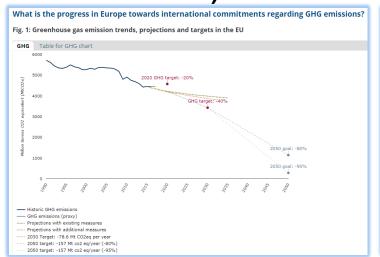
1) STORY / ASSESSMENT http://www.eea.europa.eu/soer

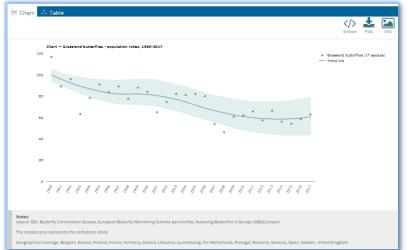






3) INTERACTIVE GRAPHS





4) OPEN ACCESS TO DATA



European Environment Agency

Working with Republic of Armenia

ENI SEIS II East

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

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UNECE ENVIRONMENTAL INDICATORS

ENVIRONMENTAL ASSESSMENT REPORTS

National Focal Points:

Gayane Shahnazaryan, Ministry of Environment

Nelli Baghdasaryan, Statistical Committee of the Republic of Armenia

National SEIS Assistant:

Yurik Poghosyan



Gayane Shahnazaryan (left), Yurik Poghosyan and Nelli Baghdasaryan

UNECE Environmental Indicator A. Air pollution and ozone depletion B. Climate change C. Water D. Biodiversity E. Land and soil F. Agriculture G. Energy H. Transport I. Waste J. Environmental financing Total

Links:



The context for the actions on Open Data

European Commission Digital (Data) Strategy

Digital delivery model:

- Security and Privacy by design
- Interoperability by design
- Cross-border by default
- Digital by default and Once-Only
- Open by default

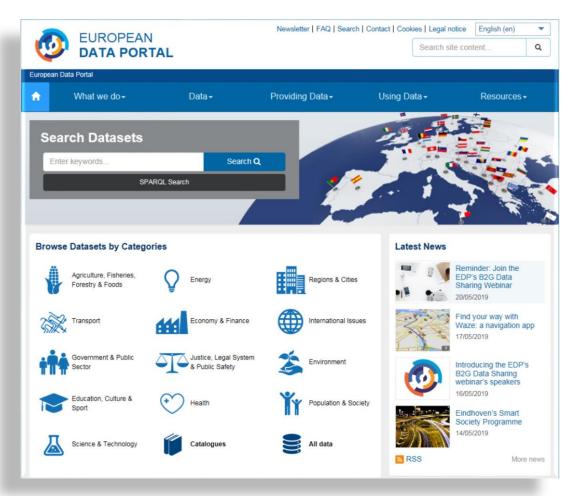
Public access to Environmental Information DIR 2003/4/EC and

<u>Aarhus Convention</u> (international)

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

Re-use of public sector information (PSI) DIR 2003/98/EC

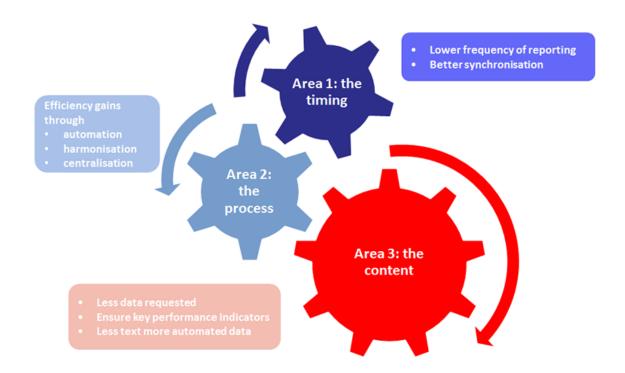
https://www.europeandataportal.eu/





Fitness check on environmental reporting

- Fitness Check of Reporting and Monitoring of EU Environment Policy (2017)
- Actions to Streamline Environmental Reporting





Source: http://ec.europa.eu/environment/legal/reporting/fc_overview_en.htm



Actions to streamline reporting

Action	EEA involvement
1 Amend legislation	-
2 Change reporting obligations	Support through rolling work programme
3 Modernise e-Reporting	Core of Reportnet 3.0 project
4 Develop test tools for harvesting	Share of experiences
5 Guidance for national information systems	Steering Committee DG ENV project
6 Promote INSPIRE	Through INSPIRE IG and Reportnet 3.0
7 Better use of Copernicus data	Share of experiences
8 Promote citizen science data	Support on guidelines
9 Cooperate with other thematic areas	Linked to Reportnet 3.0 project
10 Wider international streamlining	Trilateral UNECE, UNEP, EEA

Source: SWD (2017)230

http://ec.europa.eu/environment/legal/reporting/pdf/action_plan_env_issues.pdf



Open data on environment – going beyond EU

EU: Fitness Check on Reporting and Monitoring

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



ENI SEIS II East project activity "Develop a roadmap and identify feasible and practical means for integrating environmental information in national e-Governance/Open Data processes and platforms"

EU: Open Data Maturity in Europe

ENI SEIS II East: Country Maturity Report on dissemination of environmental Information

EU: Promote best practices for European and national Environmental Information Systems (Action 5): http://www.eis-data.eu/

ENI SEIS II East: Open data and e-government good practices for fostering environmental information sharing and dissemination: SEIS II East project

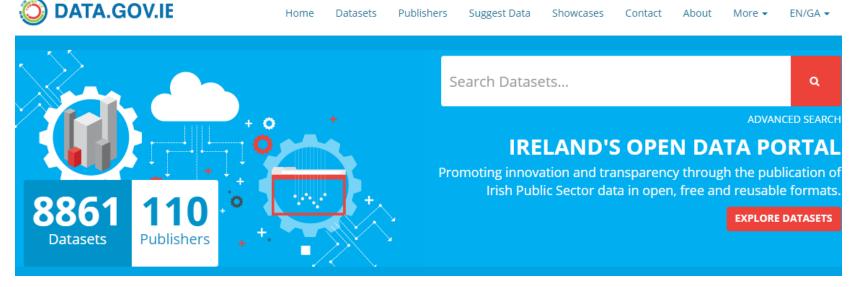
Open Data Maturity in Europe 2018

Four Open Data dimensions:

- 1. Open Data Policy (policy framework, national coordination, licencing norms)
- 2. Open Data Portal (portal features, usage and sustainability, data provision)
- 3. Open Data Impact (strategies awareness, political, social, economic and environmental impact)

4. Open Data Quality (e.g. machine readable format for data and metadata, metadata compliance, harvest

automatically)



Source: https://www.europeandataportal.eu,

Open Data best practices in Europe's Top Three Performers Ireland, Spain and France,



European Environment Ag

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"



The way forward ...

The Open Data component under the ENI SEIS II East project aims at:

- Sustainability of the invested efforts building on results from the project thematic activities (biodiversity, air, water, land, and waste) 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
- Close connection with the Arhus Convention activities to increase the environmental information availability and multiple use, in line with SEIS principles

- Next events:
 - National roundtable on open data and e-government for the environment in Ukraine
 - 2nd Regional workshop on Open Data and e-Government for the Environment



ENI SEIS II East





Issue 2019/6, Summer 2019

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



RU

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.



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Read more

Integration of environmental information into national egovernance, 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.





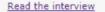
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Country Perspectives

Spotlight on the national focal points from Armenia

'We significantly improved the quality of provision of environmental indicators in Armenia.'

Interview with the national focal points who ensure national coordination and project implementation, Gayane Shahnazaryan and Nelli Baghdasaryanli, on actions implemented and key learning points.





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THANK YOU,

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

