This project is funded by the European Union

ENI SEIS II East project

Overview of key outcomes – sustainability and country ownership

Concluding event| Thursday, 25 June 2020 | online

Galina Georgieva, Adriana Gheorghe, Jana Tafi, Nihat Zal, Victoria Goncharova, Michel Houssiau, Joanna Laval Karlsen

European Environment Agency

The project timeframe

UNECE ⟷ **EU**

Batumi Ministerial Declaration (June 2016)
"***have SEIS in place by 2021***"

- Roadmap 2021
- Vision 2030
- Reporting progress on SEIS

Level of integration;

- EU 2030 objectives
- EU/Eionet methodologies
- EU/Eionet products
- EU 2050 vision

European Green Deal

UNECE - UNEP-EEA

Next reporting cycle 2020

REGIONAL

NATIONAL

2017

2018

2019

Inception phase

- Country dialogues
- Establishment of national work plans

Anchoring the work in national setting

- NIT (mandate, objectives)
- National pilot/case
- National support
- Links to other initiatives
- Kick off CLC/land cover
- National assessment process (using results)

Results available

- Sharing of experiences among countries
- National achievements in regional setting
- Data quality
- Endorsement of results

"Evidence-based policy making"

- Assessments
- Reporting/development of indicators
- Policy briefs
- National State of Environment reports

EU
Pan-European
Global

European Environment Agency

Timeline ENI SEIS II East Project

Inception phase

Batumi

1st EaP Ministerial Meeting on Env. and CC

Agreement on **priority topics** and **approach**

Regional work plan developed

National coordination

Initiated **techncial assistance**

SEIS National implementation **teams + assistants**

Actvities implemented at national and regional level

Batumi mid-term review (UNECE)

New EU projects (EU4Env, EU4Clim)

A number of **outcomes** and **deliverables** in the thematic areas addressed

Sustainability (governance, coordination, content)

Connectivity with other projects, partners

Way ahead

Visibility

Ownership

Synergies

European Green Deal in the EaP countries

Post 2020

2016 | 2017 | 2018 | 2019 | 2020

This project is funded by the European Union.

European Environment Agency

The SEIS pillars

Governance

- Close interinstitutional cooperation
- National Implementation Teams
- Support through National SEIS Assistants
- Expert networks in the addressed thematic areas

Content

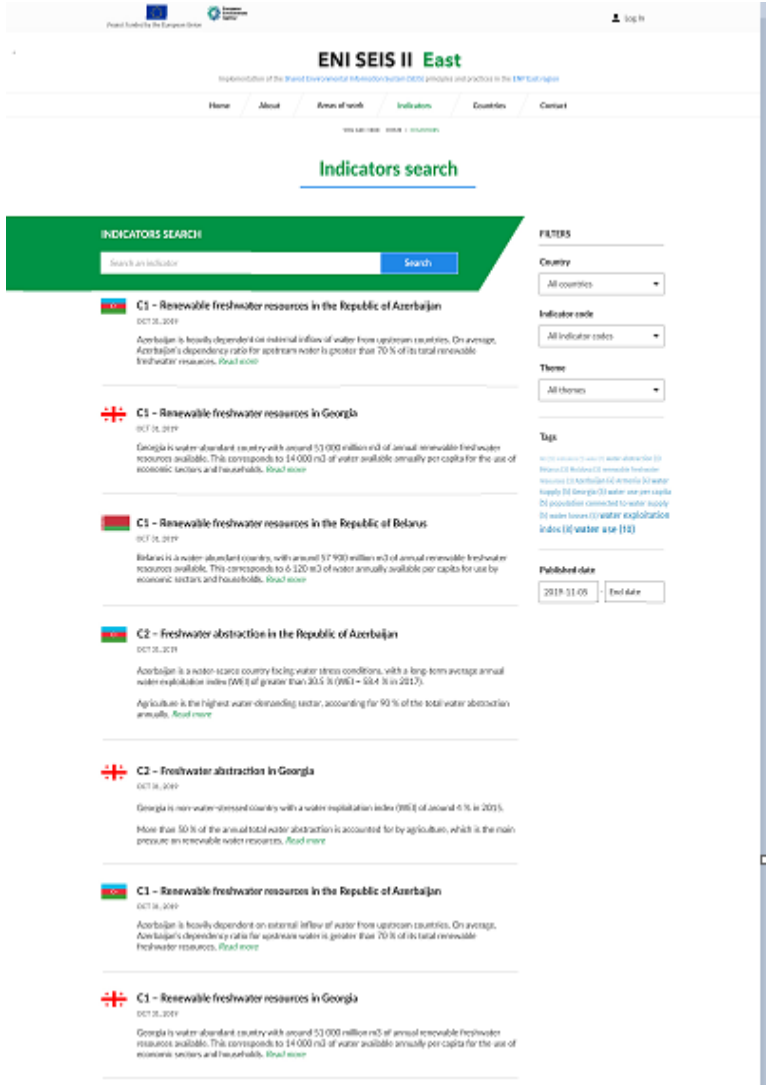
- Water
- Biodiversity
- Air Quality
- Land Cover
- Open Data
- Environmental assessments and accounting
- State of enrivonment reporting

Infrastructure

- Increased environmental indicators availability online
- Regular publication of environmental assessments online
- Open source
- Public access to data

This project is funded by the European Union.

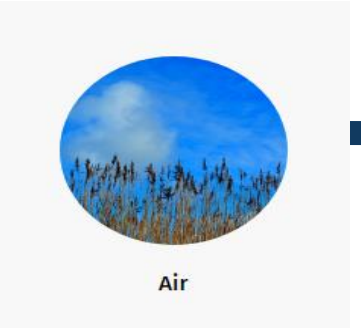
ENI SEIS II East project at a glance



This project is funded by the European Union.

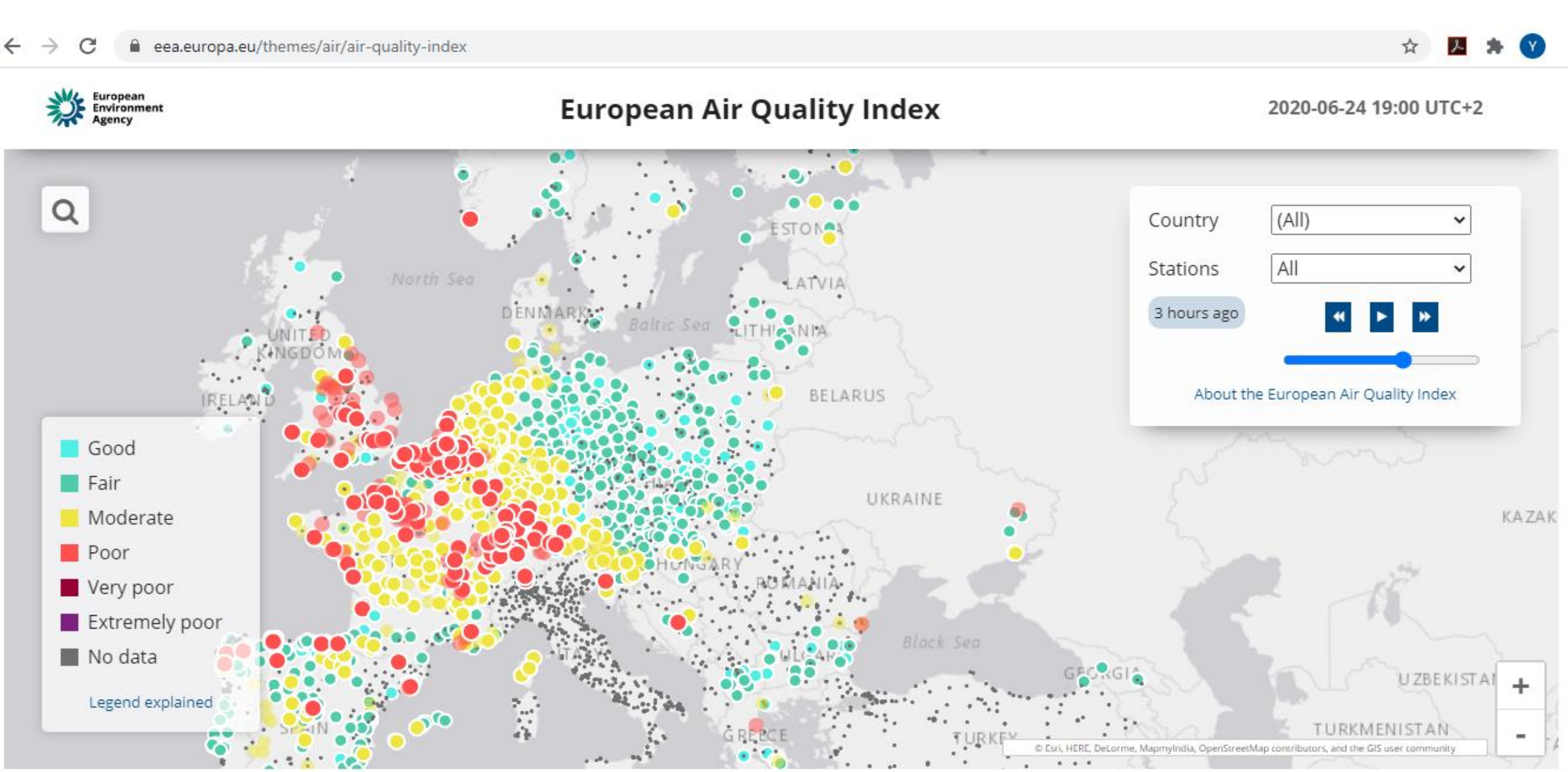
European Environment Agency

Air quality



- Key objective to **increase the use and public accessibility of air quality data** in the Eastern Partnership countries
- Assessing the state of air quality monitoring & reporting through regional workshops and country visits during 2018-2020
- Development of country fact sheets on AQ monitoring & reporting
- Development of graphic user interphase (GUI) for RAVEN+ application for potential inclusion of the partner countries in the Air Quality Index: https://www.eea.europa.eu/themes/air/air-quality-index

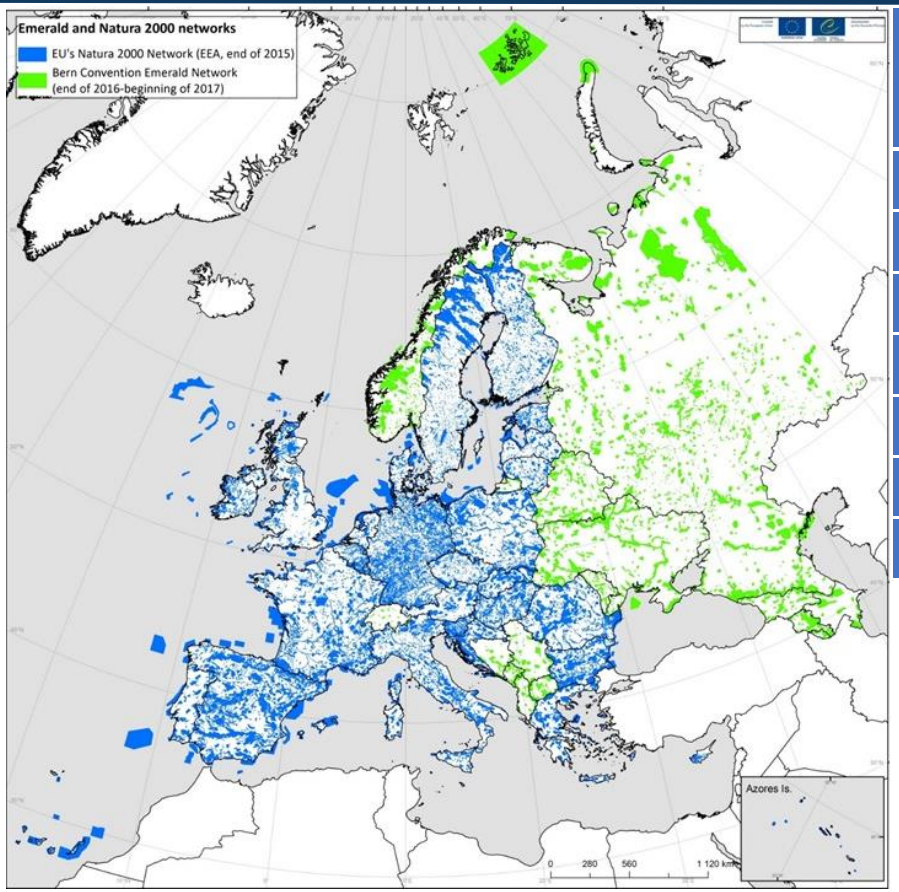
This project is funded by the European Union.



https://www.eea.europa.eu/themes/air/air-quality-index

European Environment Agency

Biodiversity area



Country	Number of Adopted Sites	Number of Candidate Sites	Number of proposed sites	Candidate sites Total Area (ha)	Adopted sites Total Area (ha)	Total number of sites
AM		23		1033719.7		23
AZ		17		1679533		17
BY	155	7		97368.27	2306470.06	162
GE	39	7	12	188587.38	851604.27	58
MD	52	9		7285	317912	61
UA	271				6266008	271
TOTAL	**517**	**63**	**12**	**3006493.35**	**9741994.33**	**592**

Biodiversity

- Support the biogeographical seminars for sufficiency assessment on proposed and candidate sites - total **area of Emerald sites increased by 35%** from 2016 to 2019: https://www.coe.int/en/web/bern-convention/emerald-network-reference-portal

- Support **developing regionally comparable biodiversity indicator** on Nationally designated protected areas (D1-UNECE and SEBI 007-EEA)

- **Improving capacities of the countries in data harmonisation and reporting** under Resolution No. 8(2012) of the Bern Convention (in 2018 and 2019)

European Environment Agency

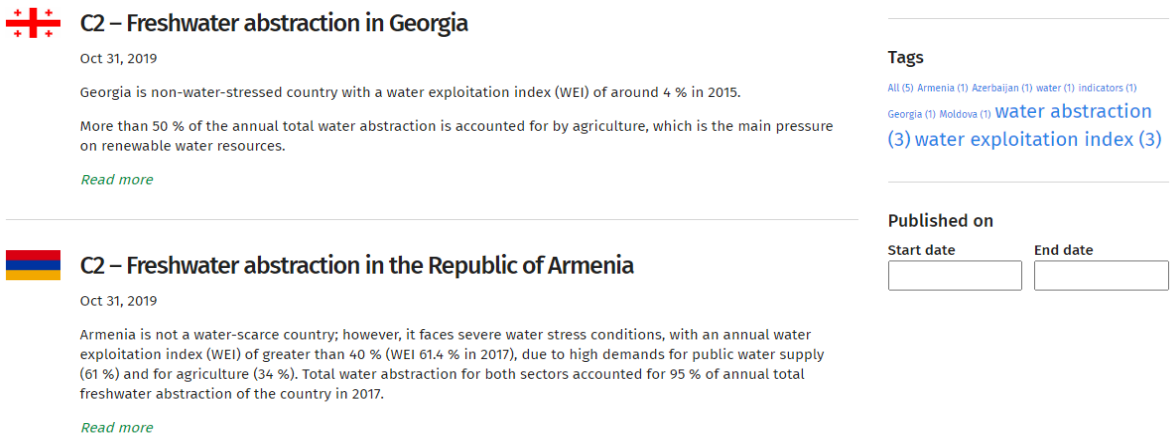
Water area

Water

- **Harmonisation** of the national water data with the **Water Information System for Europe (WISE)**
- Support the **implementation of selected water indicators** line with the EEA indicator methodology and template for **regional comparability** and **knowledge-based policy-making**
  - **A regional overview being produced based on the indicators**
- Support **pilot activities** to strenghten the implementation of the SEIS principles

Water accounts in Azerbaijan and Belarus

Support to development of Water Information System in Georgia and Ecoportals in Armenia and Azerbaijan



C2 – Freshwater abstraction in Georgia

Oct 31, 2019

Georgia is non-water-stressed country with a water exploitation index (WEI) of around 4 % in 2015.

More than 50 % of the annual total water abstraction is accounted for by agriculture, which is the main pressure on renewable water resources.

Read more

C2 – Freshwater abstraction in the Republic of Armenia

Oct 31, 2019

Armenia is not a water-scarce country; however, it faces severe water stress conditions, with an annual water exploitation index (WEI) of greater than 40 % (WEI 61.4 % in 2017), due to high demands for public water supply (61 %) and for agriculture (34 %). Total water abstraction for both sectors accounted for 95 % of annual total freshwater abstraction of the country in 2017.

Read more

Tags

All (5) Armenia (1) Azerbaijan (1) water (1) indicators (1) Georgia (1) Moldova (1) water abstraction (3) water exploitation index (3)

Published on

Start date

End date

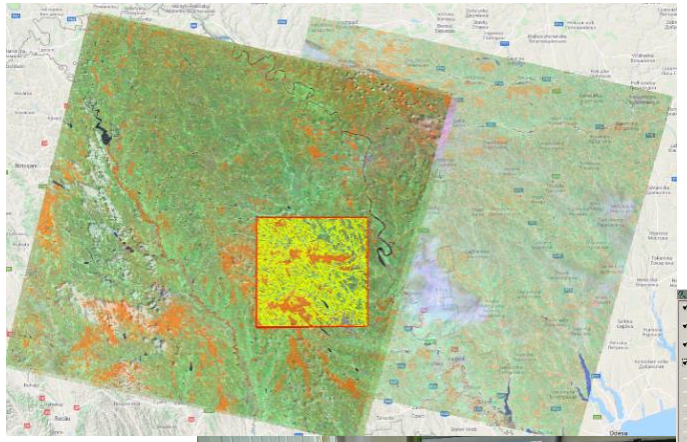
Overall, 35 water indicators addressing water quantity (5) and quality (2 indicators) have been developed and published across the 6 countries

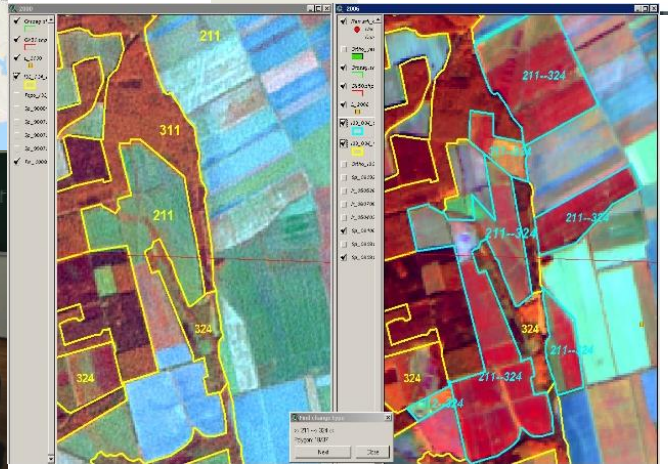
European Environment Agency

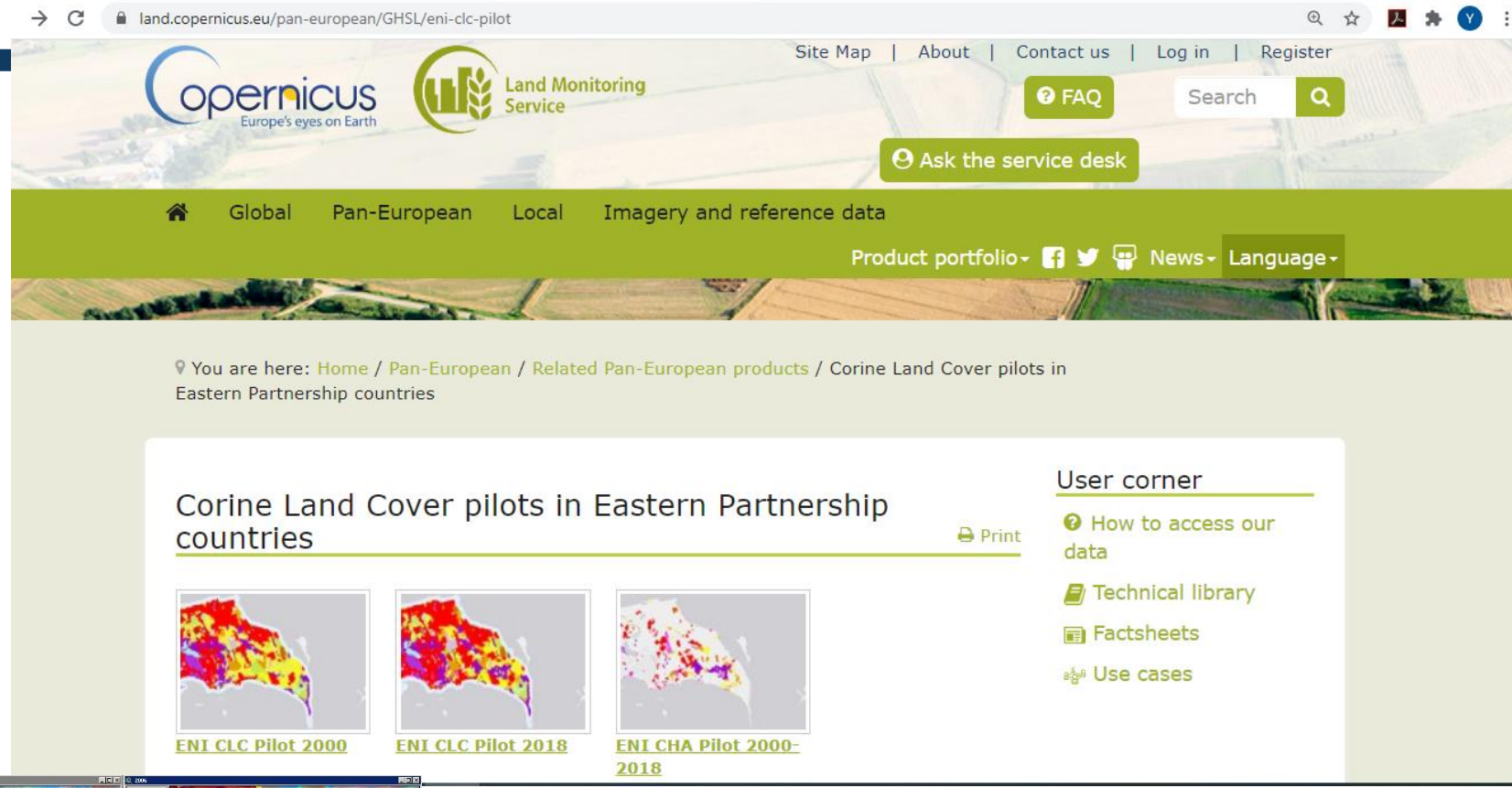
Corine Land Cover

Project outputs:

- **Country visits with CLC trainings**
- **Technical support for national pilots**







15 LIFE ON LAND

European Environment Agency | European Topic Centre on Urban, Land and Soil Systems

European Environment Agency

Waste data and statistics (2016-2017)

Waste

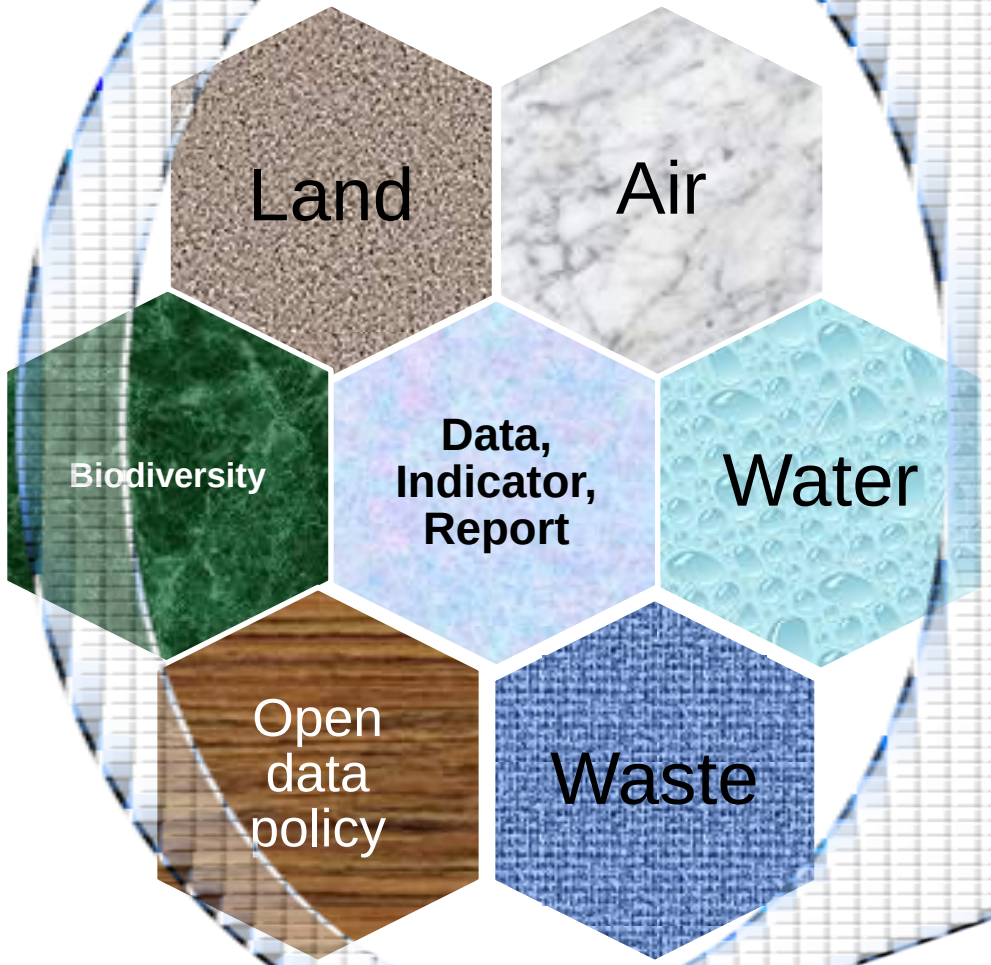
- Component implemented by Eurostat
- Aimed to support capacities in the national administrations to produce, manage and report waste data and statistics
- Improve the quality of waste data and statistics, available to and accessible for decision-makers, civil society, and other national and international stakeholders
- Increase the comparability of waste statistics and indicators from the six beneficiary countries
  - ➢ Country Factsheets (2018) – in line with reporting to UNSD questionnaire
  - ➢ Regional Validation Report building on the pilot data sharing exercise.

This project is funded by the European Union.

Environmental assessments activities

NATIONAL

REGIONAL



ASSESSMENT CAPACITIES development

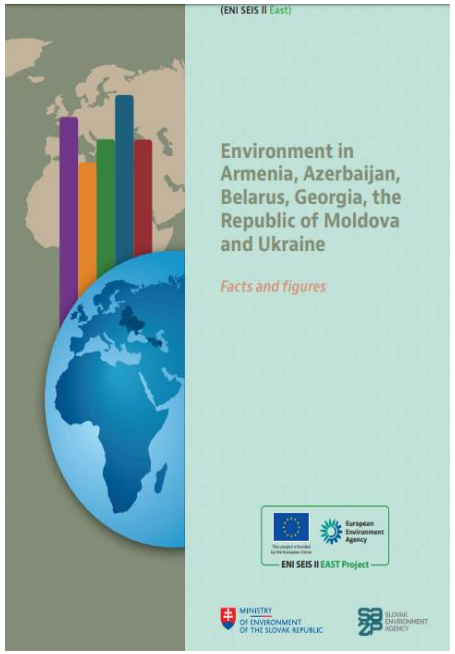
UN System of Environmental-Economic Accounting (UN SEEA)

UN Framework for development of environment statistics (UN FDES)

UNECE EfE & UN SDGs

Environmental indicators availability & accessibility online

Indicator = methodology + story (assessment) + visualisation



UNECE Environmental Indicator	Armenia	Azerbaijan	Belarus	Georgia	Moldova	Ukraine
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						

0/No data | 25% | 50% | 75% | 100%

1. A template of environmental indicator;
2. Guidance on a Catalogue of Environmental Indicators for the six EaP;
3. Analysis of the availability and accessibility of environmental indicators

This project is funded by the European Union.

SLOVENSKÁ AGENTÚRA ŽIVOTNÉHO PROSTREDIA
SLOVAK ENVIRONMENT AGENCY

25 1994-2019 European Environment Agency

Reporting on state of environment activity

- Sharing EEA/Eionet practices and experience – in close collaboration with the experts from the Slovak Environmental Agency (SEA)
- In support of the regular production of environmental indicators (UNECE set) as a basis for good environmental governance

NATIONAL STATE OF ENVIRONMENT REPORTS IN THE EASTERN PARTNERSHIP COUNTRIES

Source: Information from the National Assistants and the National Focal Points

Last update: May 2020

	1990	'91	'92	'93	'94	'95	'96	'97	'98	'99	2000	'01	'02	'03	'04	'05	'06	'07	'08	'09	2010	'11	'12	'13	'14	'15	'16	'17	'18	'19	2020
Armenia					■									■			■					■						■			
Azerbaijan																								■							
Belarus						■					■					■										■				■	
Georgia													■	■	■	■	■	■			■				■					■	
Moldova																		■				■				■					
Ukraine										■	■	■	■	■		■	■	■	■			■	■		■	■	■	■			■

<u>The project's achievements cover</u>:

- **Methodological guidance on State of Environment Report**
- **Six country briefing on State of the environment reporting**
- **Capacity building and regional workshops covering more than 200 experts during the 2017-2019 period**
- **EEAcademy summer schools and SOER trainings with hands-on exercises in 2018-2019**

This project is funded by the European Union.

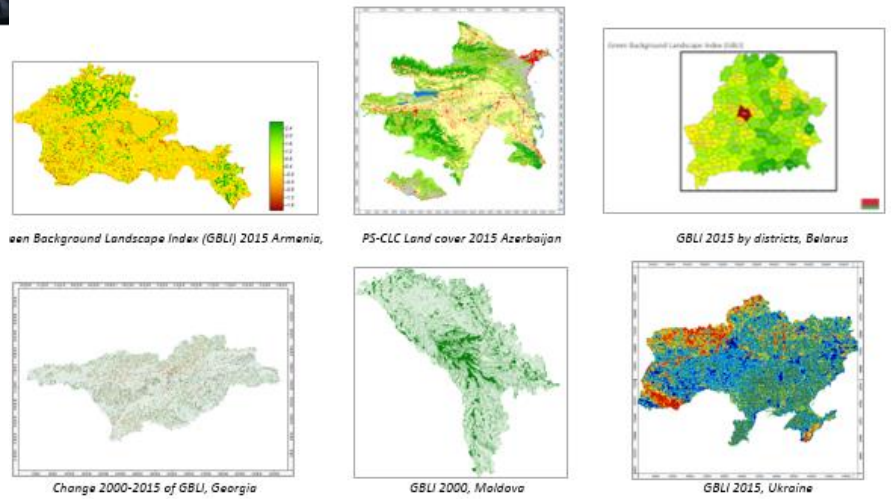
SLOVENSKÁ AGENTÚRA ŽIVOTNÉHO PROSTREDIA
SLOVAK ENVIRONMENT AGENCY

25 1994-2019 European Environment Agency

Environmental accounting – in cooperation with CIRAD, 2017 & 2019

18 experts from environmental and statistical authorities trained on SEEA land with national data sets from Copernicus,…

Production land cover and land cover change accounts, 2015 -2000, EEA LEAC/ SEEA approach



Analysis of stress factors that caused of urban sprawl (SDG Indicator 11.3.1), agriculture extension (SDG Indicator 2.4.1.), deforestation (SDG Indicator 15.1.1., SDG Indicator 15.1.2.) and land uptake and production of various thematic maps derived from land cover accounts.

This project is funded by the European Union.

cirad
AGRICULTURAL RESEARCH FOR DEVELOPMENT

European Environment Agency

Open Data and e-Government for Environment

- Key objective: to develop a Roadmap and identify feasible and practical means for **integrating environmental information in national e-governance/Open Data** processes and platforms.
- Six **Country Maturity Reports** on sharing and dissemination of environmental information, identifying: (i) challenges related to E-government and Open Data initiatives and environmental information management and sharing, and (ii) National Roadmap for implementation
- **Good practices on open data and e-governance report** for fostering environmental information sharing and dissemination

Close cooperation and link with activities under work of UNECE Aarhus Convention and Protocol on PRTR

Alignment with EEA data policy and current initiatives in EU:

- ✓ **Open Data Maturity in Europe**
- ✓ **Streamlining environmental reporting**
- ✓ **EU EIS project** *(Action 5):* **Promote best practices for European and national Environmental Information Systems**

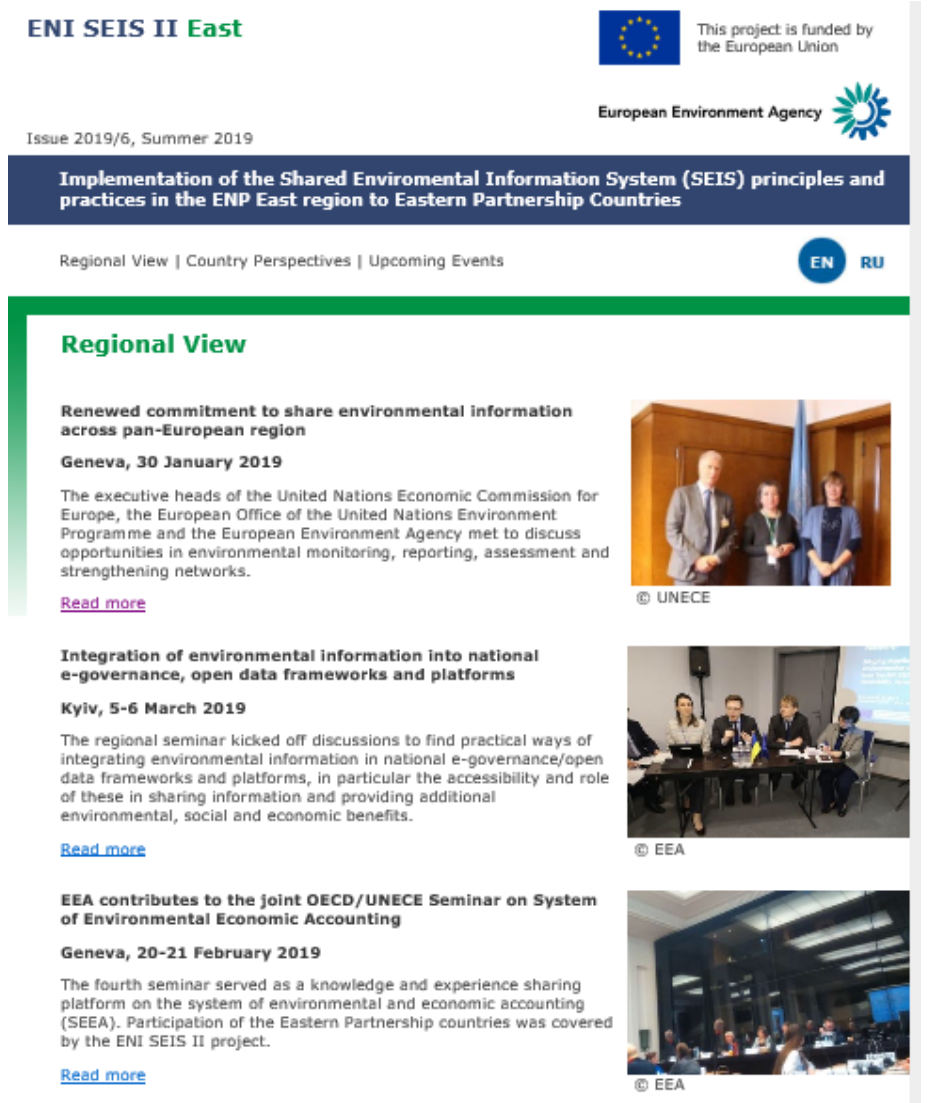
This project is funded by the European Union.

European Environment Agency

Visibility and Communication across the board

- ✓ *Close cooperation with other EU-funded projects, EC and EU Delegations*
- ✓ *Online announcements of project events*
- ✓ *Press releases on project activities, articles in the UNSD Newsletter, videos on EEAcademy summer schools*
- ✓ *Link to published national articles*
- ✓ *Project-tailored communication workshops at national & regional scale*
- ✓ *Biannual project newsletters*
- ✓ *Great commitment and support!*

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



ENI SEIS II East

This project is funded by the European Union

European Environment Agency

Issue 2019/6, Summer 2019

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

Regional View | Country Perspectives | Upcoming Events

EN 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.

Read more

© UNECE

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

© EEA

EEA contributes to the joint OECD/UNECE Seminar on System of Environmental Economic Accounting

Geneva, 20-21 February 2019

The fourth seminar served as a knowledge and experience sharing platform on the system of environmental and economic accounting (SEEA). Participation of the Eastern Partnership countries was covered by the ENI SEIS II project.

Read more

© EEA

This project is funded by the European Union.

European Environment Agency

Thank you for all your commitment and support!

ARMENIA | AZERBAIJAN | BELARUS | GEORGIA | MOLDOVA | UKRAINE

This project is funded by the European Union.

European Environment Agency