

National roundtable on open data and e-government for the environment
Tbilisi, Georgia, 13 June 2019



The European Environment Agency and ENI SEIS II East project

Jean-Nicolas Poussart

The European Environment Agency

Coordinate the

European environment information and observation network (Eionet)

INSTITUTIONAL COOPERATION

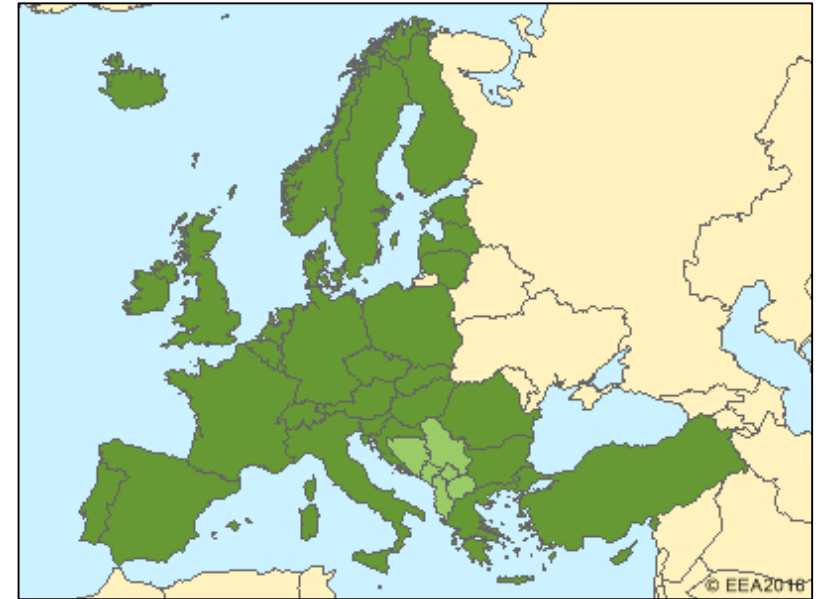
(approx. 350 national bodies)

COMMON KNOWLEDGE

(approx. 1500 experts)

SHARED INFRASTRUCTURE

(Reportnet, reporting obligations, tools)



33 Member countries (EU28+5) +
6 Cooperating countries (West Balkan)

6 Eastern Partnership countries
9 Southern Mediterranean countries



The European Environment Agency

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

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



European Environment Agency added an event.
Yesterday at 02:33 · 🌐

f LIVE

Ask an expert

 **European Environment Agency**

Live Q&A: Biodiversity and the value of nature
Wednesday, 22 May, at 13:00 CET #WorldBiodiversityDay



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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:

Maia Javakhishvili, Ministry of Environmental Protection and Agriculture of Georgia

Vasil Tsakadze, National Statistics Office of Georgia - GeoStat

National SEIS Assistant:

Tamar Bakuradze



Vasil Tsakadze (left), Maia Javakhishvili and Tamar Bakuradze

UNECE Environmental Indicator	Georgia
A. Air pollution and ozone depletion	<div style="width: 100%; background-color: #92d050;"></div>
B. Climate change	<div style="width: 100%; background-color: #92d050;"></div>
C. Water	<div style="width: 100%; background-color: #92d050;"></div>
D. Biodiversity	<div style="width: 100%; background-color: #92d050;"></div>
E. Land and soil	<div style="width: 100%; background-color: #92d050;"></div>
F. Agriculture	<div style="width: 100%; background-color: #92d050;"></div>
G. Energy	<div style="width: 100%; background-color: #92d050;"></div>
H. Transport	<div style="width: 100%; background-color: #4f7942;"></div>
I. Waste	<div style="width: 100%; background-color: #92d050;"></div>
J. Environmental financing	<div style="width: 100%; background-color: #92d050;"></div>
Total	<div style="width: 100%; background-color: #92d050;"></div>



The context for the action on open data

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

[Public access to Environmental Information DIR 2003/4/EC](#)

and
[Aarhus Convention \(international\)](#)

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

[Re-use of public sector information \(PSI\) DIR 2003/98/EC](#)

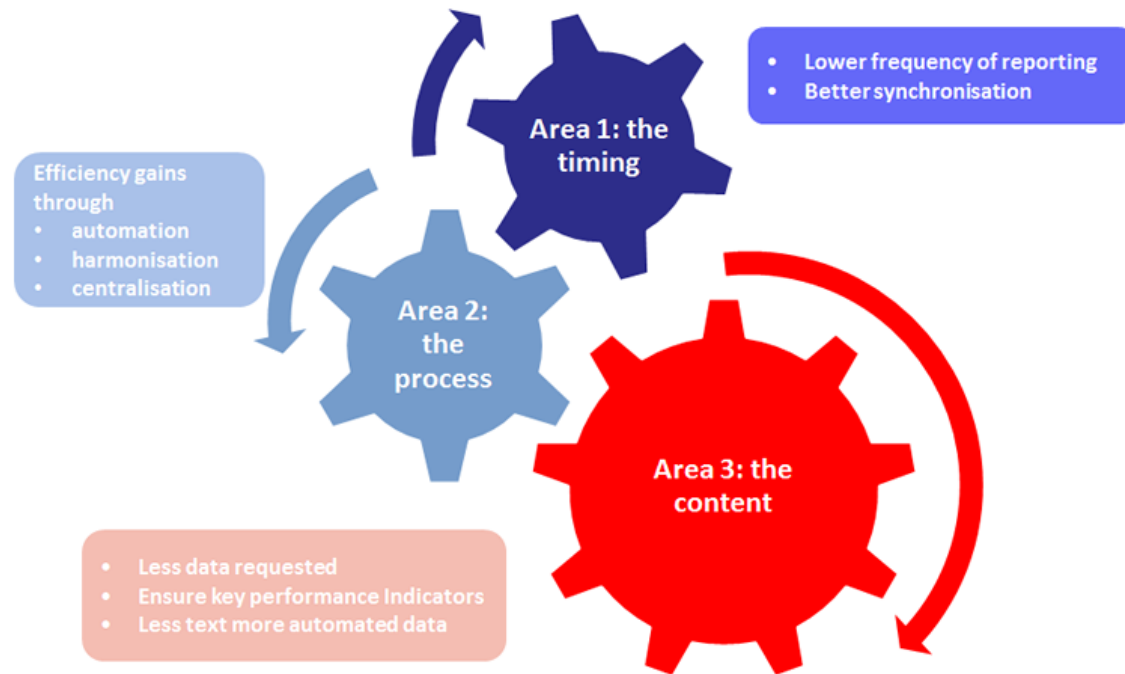
<https://www.europeandataportal.eu/>

The screenshot displays the European Data Portal homepage. At the top, there is a navigation bar with the logo, 'EUROPEAN DATA PORTAL', and links for Newsletter, FAQ, Search, Contact, Cookies, Legal notice, and a language selector set to English (en). A search bar is located on the right. Below the navigation bar, a blue header contains a home icon and menu items: 'What we do', 'Data', 'Providing Data', 'Using Data', and 'Resources'. The main content area features a 'Search Datasets' section with a text input field for keywords, a 'Search' button, and a 'SPARQL Search' button. To the right is a map of Europe with various national flags. Below this, the 'Browse Datasets by Categories' section lists 15 categories with icons: Agriculture, Fisheries, Forestry & Foods; Energy; Regions & Cities; Transport; Economy & Finance; International Issues; Government & Public Sector; Justice, Legal System & Public Safety; Environment; Education, Culture & Sport; Health; Population & Society; Science & Technology; Catalogues; and All data. On the far right, the 'Latest News' section lists three news items with dates: 'Reminder: Join the EDP's B2G Data Sharing Webinar' (20/05/2019), 'Find your way with Waze: a navigation app' (17/05/2019), and 'Introducing the EDP's B2G Data Sharing webinar's speakers' (16/05/2019). An RSS icon and 'More news' link are at the bottom of the news section.



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



The project's expected results

Armenia - Azerbaijan - Belarus - Georgia - Moldova - Ukraine



EEA and ENI SEIS II East project coverage

- EEA member countries
- EEA cooperating countries
- ENI SEIS II East

The map does not imply any opinion from EEA concerning the legal status of any country or territory, its area of authority or the delineation of its frontiers and boundaries.

* Collaboration is temporally suspended

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

Green economy

Briefing Published 18 Feb 2015 Last modified 05 Mar 2015, 11:54 AM

Topics: Green economy



Europe's resource efficiency has improved in recent years but this has not always translated into improved ecosystem resilience or reduced risks to health and well-being. Creating a green economy will require fundamental changes in the production-consumption systems that meet basic demands, such as for food, mobility, energy and housing. This will depend on better implementation and integration of environmental and economic policies, a broader knowledge base for long-term transitions, and use of finance and fiscal policies to support major investments in innovation and infrastructure.

THE EUROPEAN ENVIRONMENT STATE AND OUTLOOK 2015

SOER 2015

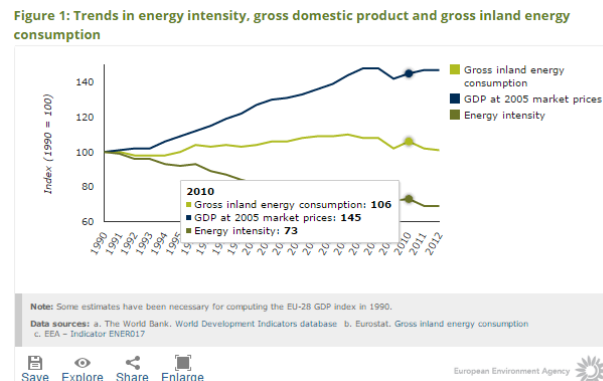
Synthesis report

Global megatrends

European briefings

- Agriculture
- Air pollution
- Biodiversity
- Climate change impacts and adaptation
- Consumption
- Energy
- Forests
- Freshwater quality
- Green economy
- Health and environment
- Hydrological systems and sustainable water management

2) INTERACTIVE GRAPHS



3) INDICATOR MANAGEMENT SYSTEM

Energy Intensity (CSI 028/ENER 017) - Assessment published Nov 2014

Indicator assessment created 01 Oct 2014. Published 24 Nov 2014. Last modified 24 Nov 2014, 03:09:09

This is the latest published version. See older versions.

Topic: Energy

Generic metadata

Topic: Energy (Primary topic)

Tags: enei | energy | soer2015 | european | soer2015

EPISIR: Response

Typology: Performance indicator (Type B - Data is mixed)

Indicator codes: CSI 028, ENER 017

Temporal coverage: 1990-2012

Geographic coverage: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czechia, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Liechtenstein, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, United Kingdom

CONTENTS

- Key policy question: Has there been an absolute decoupling in Europe between economic growth and energy consumption?
- Data sources
- Justification for indicator selection
- More information about this indicator
- Contacts and ownership
- Related content

[Switch to full indicator view](#)

Key policy question: Has there been an absolute decoupling in Europe between economic growth and energy consumption?

Key messages

Between 1990 and 2012, energy intensity (the ratio of gross inland energy consumption and GDP) in the EU28 decreased by 1.7% per year. In 2012, the energy intensity in the EU28 was 37% below the 1990 level.

During this period, the rate of decrease of energy intensity in the EU28 has been rather constant. The period 1990-2005 is characterised by a relatively high economic growth and a more modest growth of gross inland energy consumption. The period 2005-2012 is characterised by a much smaller economic growth and decreasing gross inland energy consumption. The respective rate of decrease of energy intensity is rather similar in

4) OPEN ACCESS TO DATA

Country	1990	2000	2006	2010	2012	Annual average change 1990-2012	Annual average change 2005-2012	Relative energy intensity in 2012	Per capita energy intensity
EEA	100	83	80	75	71	-1.6	-1.7	100	3.1
EU28	100	82	79	73	69	-1.7	-1.9	100	3.3
Austria	100	89	97	91	86	-0.7	-0.7	92	4
Belgium	100	81	75	73	66	-1.9	-1.7	129	5.1
Bulgaria	100	76	62	49	49	-3.2	-3.3	109	2.5
Croatia	100	83	76	71	69	-1.7	-1.4	94	1.9
Cyprus	100	100	80	86	81	-1	-1.6	96	2.9
Czechia	100	78	70	61	58	-2.4	-2.7	105	4.1
Denmark	100	85	79	82	73	-1.4	-1.1	79	3.3
Estonia	100	35	28	30	26	-5.9	-6.6	106	4.6
Finland	100	82	86	89	79	-1.1	-1.2	167	6.3
France	100	83	82	86	82	-0.8	-0.7	111	4
Germany	100	79	77	70	65	-2	-2.4	96	3.9
Greece	100	85	94	101	108	0.4	0.4	99	2.5
Hungary	100	85	76	72	66	-1.9	-2.1	119	2.4
Ireland	100	68	56	56	51	-3.1	-3.1	79	3
Italy	100	87	89	94	89	-0.5	-0.5	115	4
Latvia	100	70	56	60	52	-2.9	-3.1	108	2.2
Lithuania	100	61	52	38	36	-4.6	-4.9	102	2.4
Luxembourg	100	83	70	63	59	-2.3	-2.4	96	6.5
Malta	100	82	83	81	70	-1.6	-1.6	79	2
Netherlands	100	83	84	83	79	-1.1	-0.9	115	4.9
Poland	100	59	53	46	42	-3.9	-3.3	117	2.5
Portugal	100	104	108	93	89	-0.5	-0.7	84	2.1
Romania	100	31	25	20	19	-7.2	-3.6	102	1.8
Slovakia	100	73	59	44	40	-4.1	-4.1	125	3.1
Slovenia	100	81	87	78	77	-1.2	-1.6	126	3.4
Spain	100	102	101	87	87	-0.6	-2.1	87	2.7
Sweden	100	84	77	70	66	-2	-1.8	124	5.3
United Kingdom	100	81	71	63	60	-2.3	-2.5	87	3.2
Turkey	100	101	90	96	97	-0.1	1.1	80	1.6
Iceland	100	116	105	109	102	0.4	2.2	64	0.9
Norway	100	86	79	93	81	-0.9	0.4	93	6.1

[EU strategic agenda for 2019-2024](#)



European Council

Leaders' Agenda

9 May 2019



Protecting citizens and freedoms

Europe should be a place where people feel free and safe. We need to defend our peoples' rights and freedoms, and make sure we can protect them from existing risks and emerging threats.

Ensuring our security

- effectively protect our external borders
- fight terrorism and organised crime
- tackle hybrid threats and ensure cybersecurity
- increase resilience against and relief after natural and man-made disasters

Safeguarding our democracies

- uphold the rule of law
- fight disinformation



Developing our economic base: the European model for the future

A strong economic base is of key importance for Europe's prosperity and competitiveness, and for its role on the global stage. This should be achieved through an integrated approach addressing the current and emerging global, technological, security and sustainability challenges, and connecting all relevant policies and dimensions.

Mobilising all relevant policies

- deepen and strengthen the single market
- develop an industrial strategy
- ensure fair and effective taxation
- deepen EMU

Promoting a level-playing field

- ensure fair competition
- fight unfair practices and security risks
- secure our strategic supply chains

Investing in our future

- invest in people's skills and education
- promote innovation and research
- encourage and support public and private investment, including in infrastructure
- promote sustainable agriculture

Embracing the digital transition

- develop artificial intelligence
- promote access, sharing and use of data
- ensure connectivity



Building a greener, fairer and more inclusive future

Europe should remain a model of inclusion and sustainability, embracing the changes brought about by the green transition, technological evolutions and globalisation while making sure we leave no-one behind.

Ensuring sustainable, secure and affordable energy

- accelerate the energy transition
- increase energy independence
- seize economic opportunities offered by the green transition
- invest in mobility of the future

Preserving environment and climate

- work towards climate neutrality
- preserve environmental systems including oceans
- fight the loss of biodiversity

Promoting Inclusiveness

- provide opportunities for all and reduce inequalities
- ensure adequate social protection and inclusive labour markets
- reduce disparities through cohesion

Safeguarding our way of life

- support communities in managing the green transition
- protect consumers, health
- invest in culture



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 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 Aarhus Convention** activities to increase the environmental information availability and multiple use, in line with SEIS principles
- **Events:**
 - [23rd Meeting of the Working Group of the Parties to the Aarhus Convention on Access to Information, Public Participation in Decision-making and Access to Justice in Environmental Matters, 26-28 June 2019, Geneva](#)
 - [6th Meeting of the Task Force on Access to Information under the Aarhus Convention, 2-4 October 2019](#)
 - Second regional workshop on Open Data and e-Government for the Environment

**Implementation of the principles and practices of the Shared Environmental Information System (SEIS) in the Eastern Partnership countries**Regional View | [Country Perspectives](#) | [Upcoming Events](#)**Regional View****Project governance: Third steering committee meeting****Tbilisi, 13-14 November 2018**

The steering committee reviewed the results of the project in 2018 and set priorities for 2019. This third meeting was hosted by the Ministry of Environmental Protection and Agriculture of Georgia, and the National Statistics Office of Georgia.

[Read more](#)

© Ministry of Environmental Protection and Agriculture of Georgia

Regional workshop on air quality monitoring and reporting**Copenhagen, 19-21 September 2018**

This workshop evaluated the air quality monitoring and reporting status in the Eastern Partnership countries and shared examples from the EEA and Eionet (the European Information and Observation Network) and the EU policy context and discussed plans in the Eastern Partnership countries.

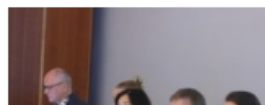
The workshop is a part of a new project activity that aims to increase the use and public accessibility of air quality measurement data in the Eastern Partnership countries, and it was attended by 25 experts from the region and the EEA.



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Special session on environmental information during the OECD GREEN Action Task Force**Bratislava, 22 October 2018**

The special session on environmental information focused on the



THANK YOU!

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