This project is funded by the European Union

European Environment Agency

ENI SEIS II EAST Project

National roundtable on Open Data and e-Government for the environment
Kyiv, Ukraine, 26 September 2019

The European Environment Agency & cooperation with the Eastern partners – environmental data beyond the EU borders

Galina H. Georgieva

Head of Group – Networks and Partnerships

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The European Environment Agency

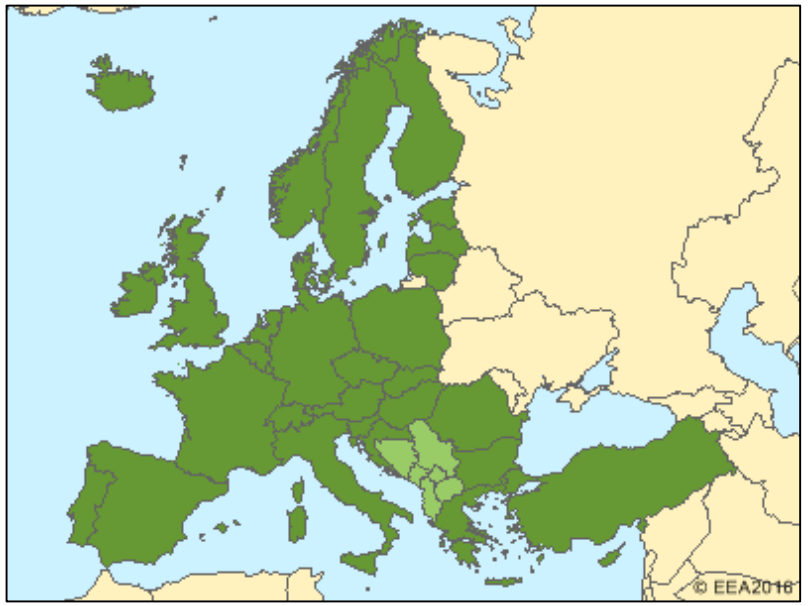
Coordinate the

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 (Western Balkans)

6 Eastern Partnership countries

9 Southern Mediterranean countries

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The European Environment Agency – 25 years in perspective

https://www.eea.europa.eu/
https://www.facebook.com/European.Environment.Agency

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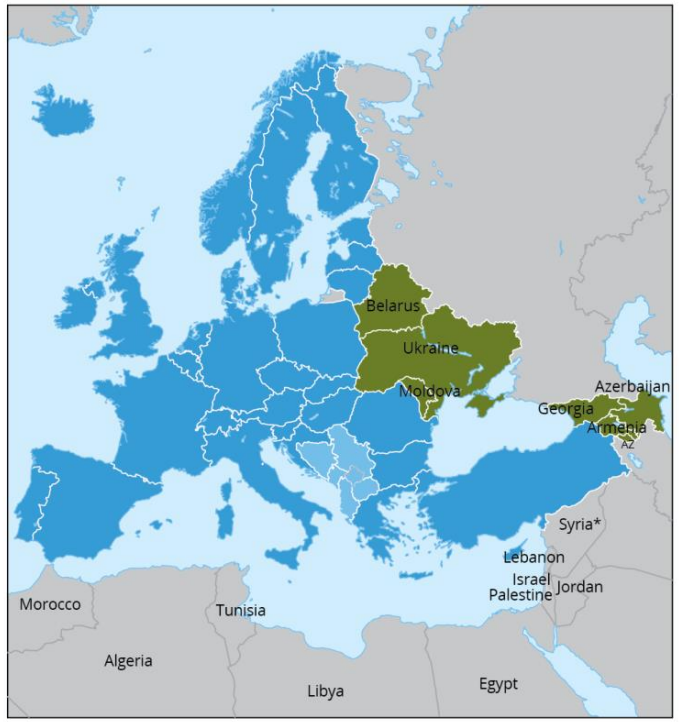
ENI SEIS II East project's expected results

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 delination of its frontiers and boundaries.

* Collaboration is temporally suspended

1. Implementation of **regional/international commitments** related to environmental reporting;

   Data harmonisation / comparability

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

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EEA cooperation with Ukraine

ENI SEIS II East

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

Home | About | Areas of work | Countries | Contact

YOU ARE HERE: › HOME › COUNTRIES › UKRAINE

UKRAINE

UNECE ENVIRONMENTAL INDICATORS | ENVIRONMENTAL ASSESSMENT REPORTS

National Focal Points:

Valentyna Vasylenko,

The Ministry of Energy and Environmental Protection of Ukraine

Oleg Prokopenko, State Statistics Service of Ukraine

National SEIS Assistant:

Dmytro Averin

Oleg Prokopenko (left), Valentyna Vasylenko and Dmytro Averin

UNECE Environmental Indicator	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%

Links:

ENI SEIS II Project on State Statistics Service of Ukraine | on the web site of the Ministry of Ecology and Natural Resources | SEIS Ukraine Portal | Ukraine and the EU | Delegation of the European Union to Ukraine

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Overview of thematic areas addressed under the project

Status of developing **water quantity indicators** – C1 – C5 of the UNECE env indicators

Status of the activity	Azerbaijan	Armenia	Georgia	Belarus	Republic of Moldova	Ukraine
Compiling the dataset	▲	▲	▲	▲	▲	●
Data analyses	▲	▲	▲	▲	▲	●
Developing the indicator template	▲	▲	▲	▲	▲	●
Publishing the indicators	○	○	○	○	○	●

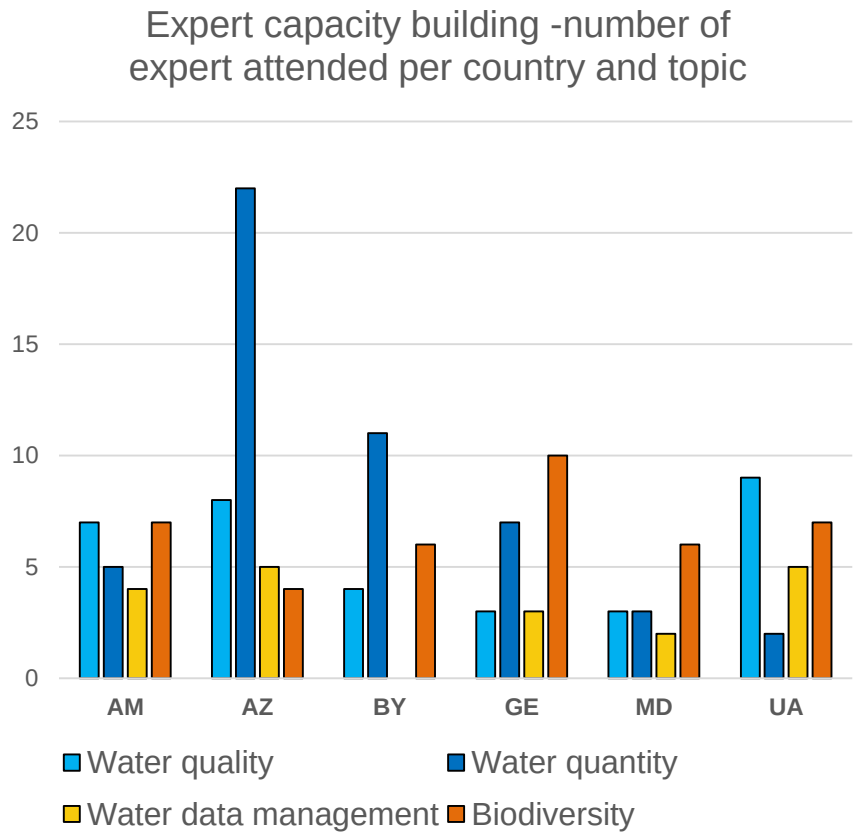
Status of developing **water quality indicators** – C10 and C11 of the UNECE env indicators

Status of the activity	Azerbaijan	Armenia	Georgia	Belarus	Republic of Moldova	Ukraine
Compiling the dataset	▲	▲	▲	▲	▲	▲
Data analyses	▲	▲	▲	▲	▲	▲
Developing the indicator template	○	○	○	○	○	○
Publishing the indicators	○	○	○	○	○	○

Status of developing **protected areas indicators** – D1 of the UNECE env indicators

Status of the activity	Azerbaijan	Armenia	Georgia	Belarus	Republic of Moldova	Ukraine
Compiling the dataset	▲	▲	▲	▲	▲	▲
Data analyses	▲	▲	▲	▲	▲	▲
Developing the indicator template	▲	▲	▲	▲	▲	▲
Publishing the indicators	○	○	○	○	○	○

▲ Completed
○ Under progress
● Not developed



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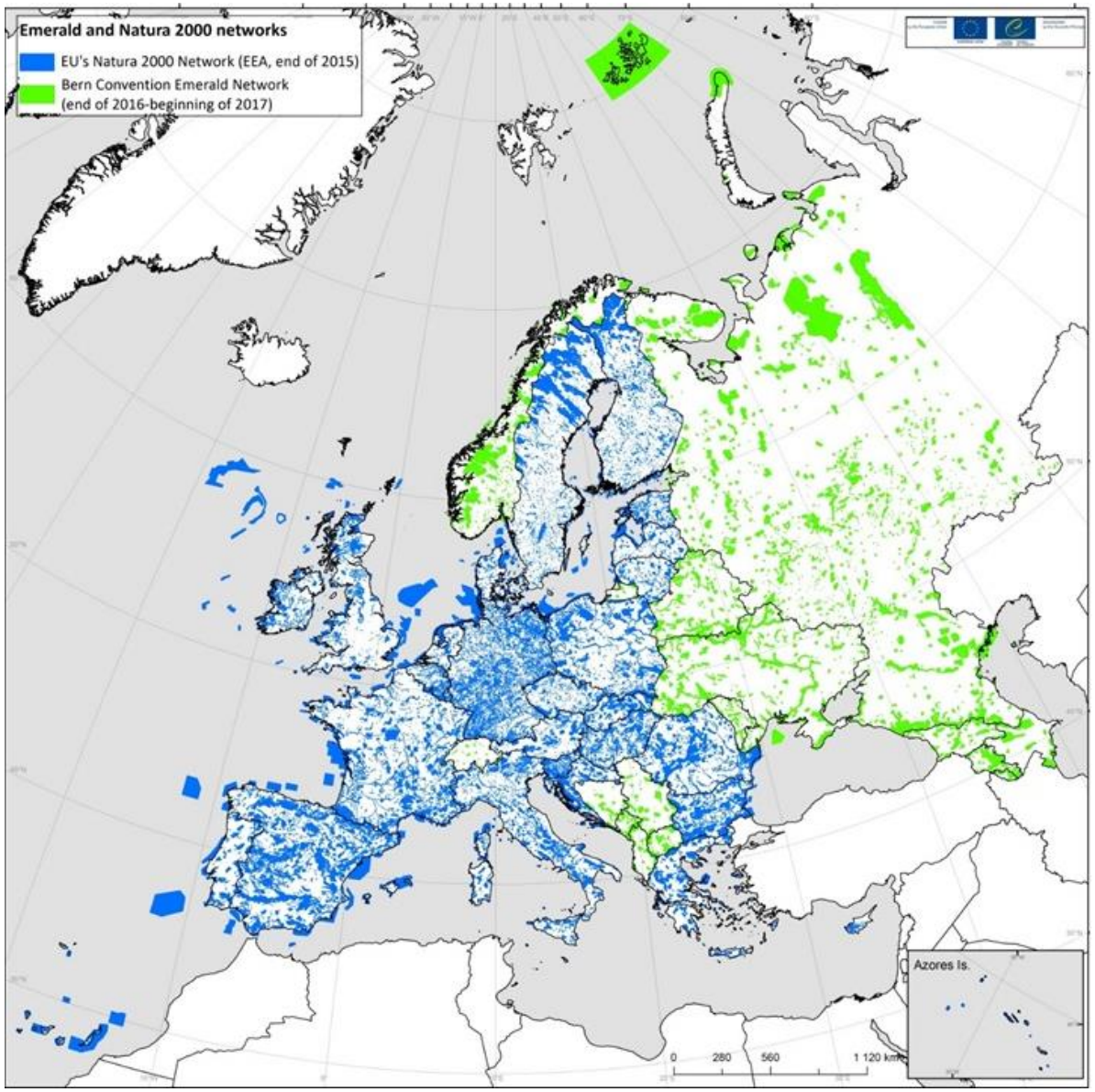
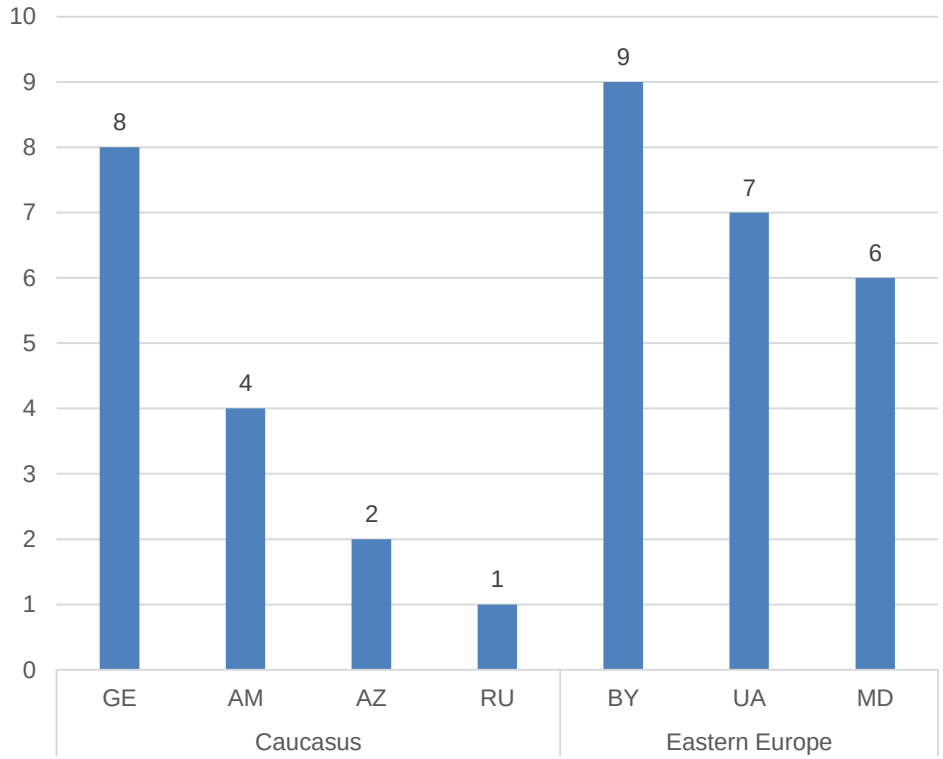
Natura2000 and Emerald network coverage



Number of attendees to the **Biogeographical seminars on sufficiency assessment** of species and habitats in proposed Emerald network sites (2017-2019)



Note: the last biogeographical seminar on bird species is being organized for the Caucasus region between 29-30 October 2019, in Budapest

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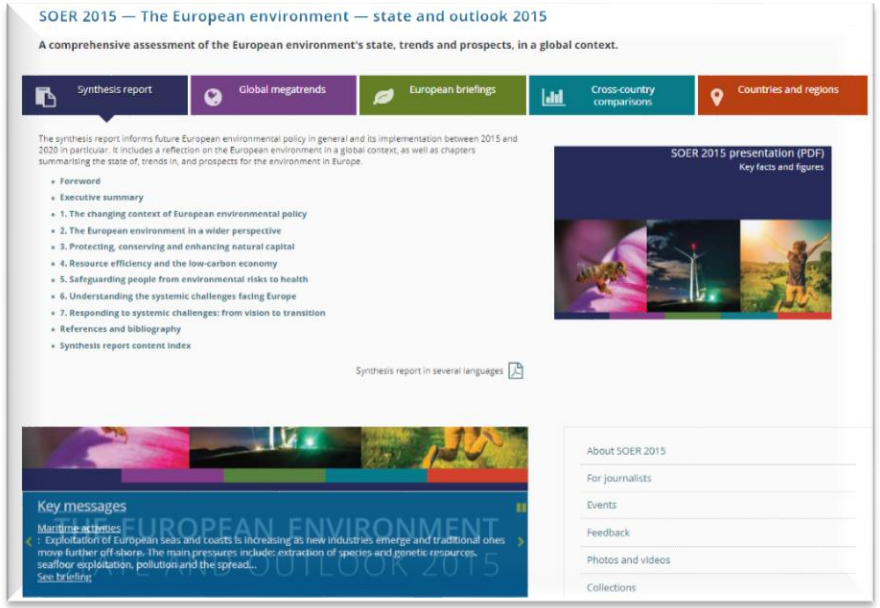
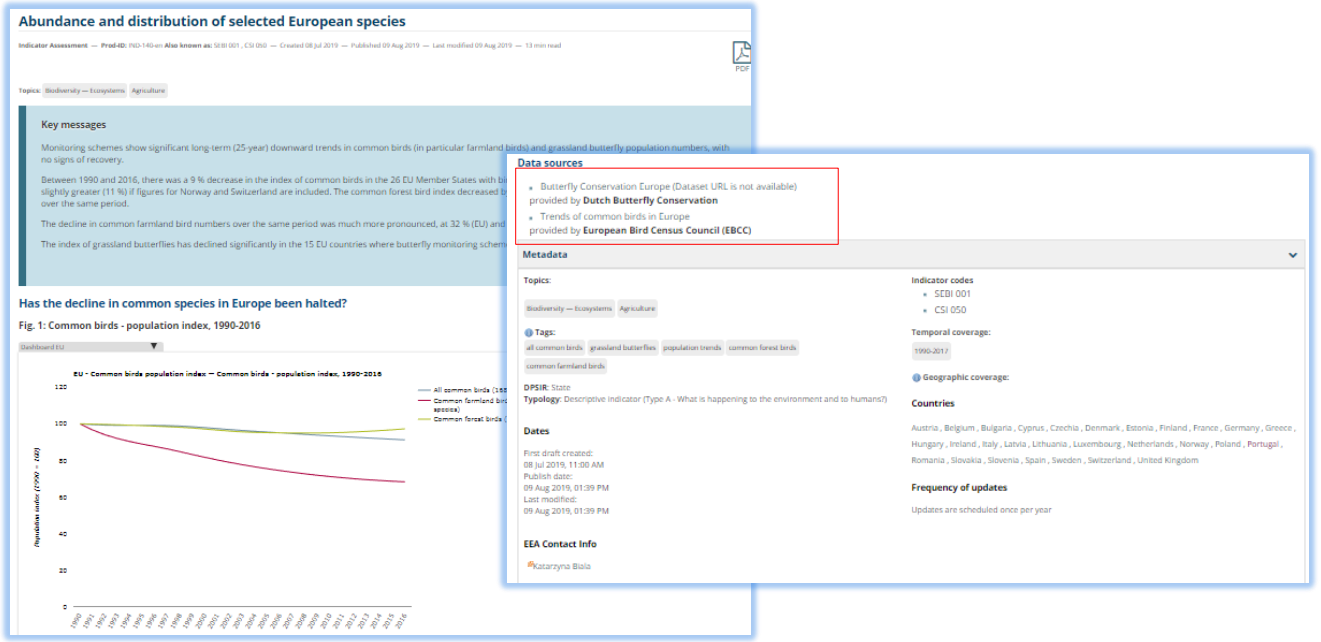
“State of the Environment online” - traceability of data

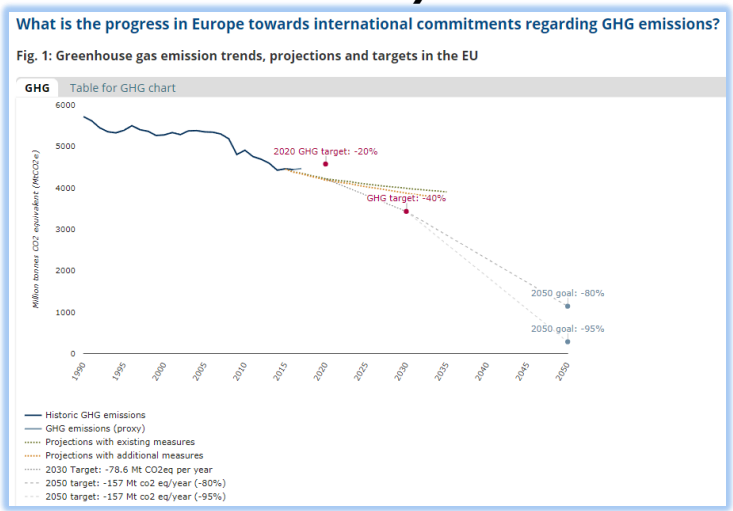
1) STORY / ASSESSMENT http://www.eea.europa.eu/soer

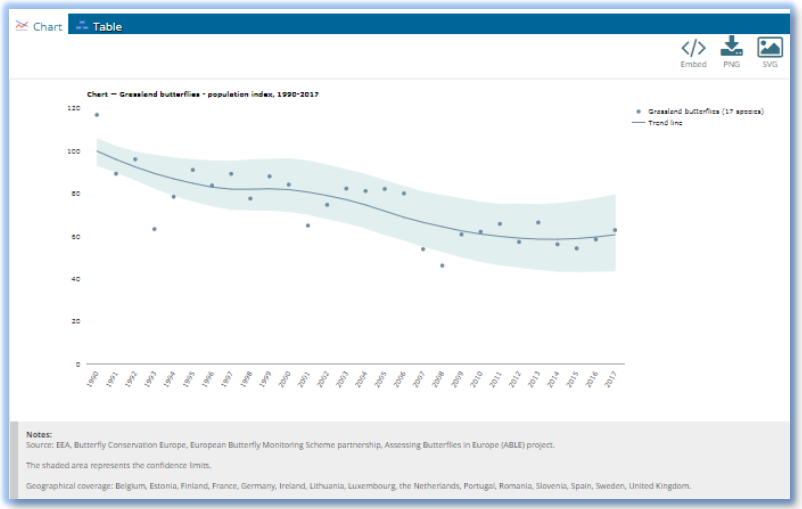


2) INDICATOR MANAGEMENT SYSTEM

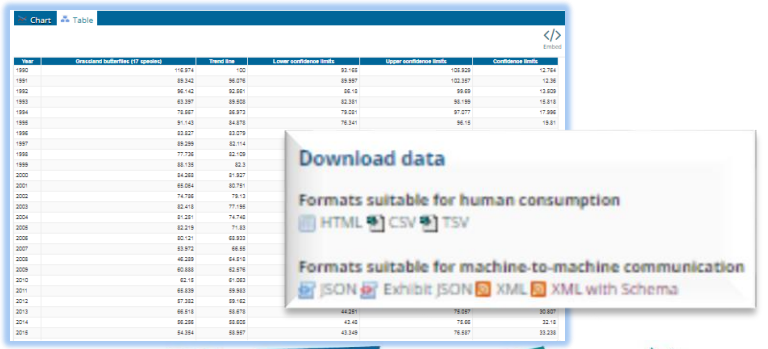


3) INTERACTIVE GRAPHS





4) OPEN ACCESS TO DATA



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The context for the actions on Open Data

European Commission Digital (Data) Strategy

Digital delivery model:

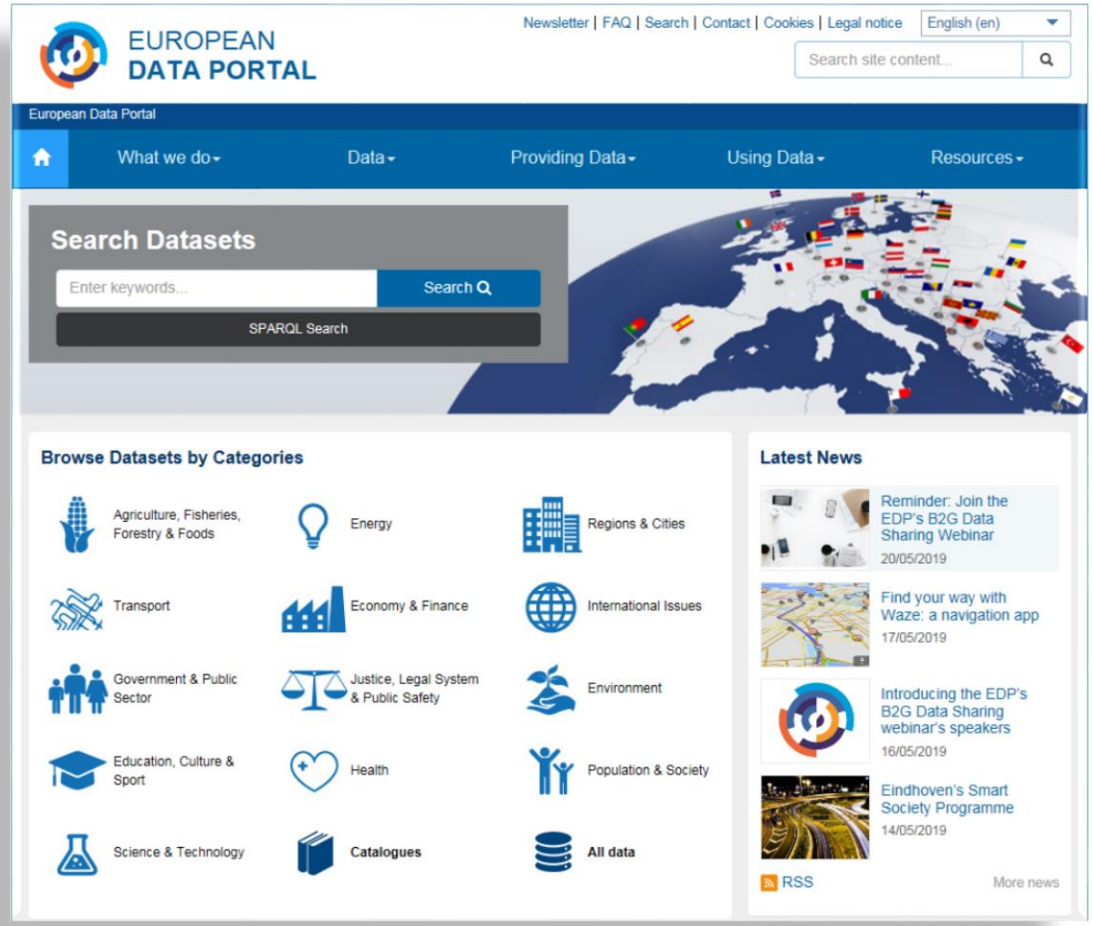
- Security and Privacy by design
- Interoperability by design
- Cross-border by default
- Digital by default and Once-Only
- Open by default

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

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

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

https://www.europeandataportal.eu/



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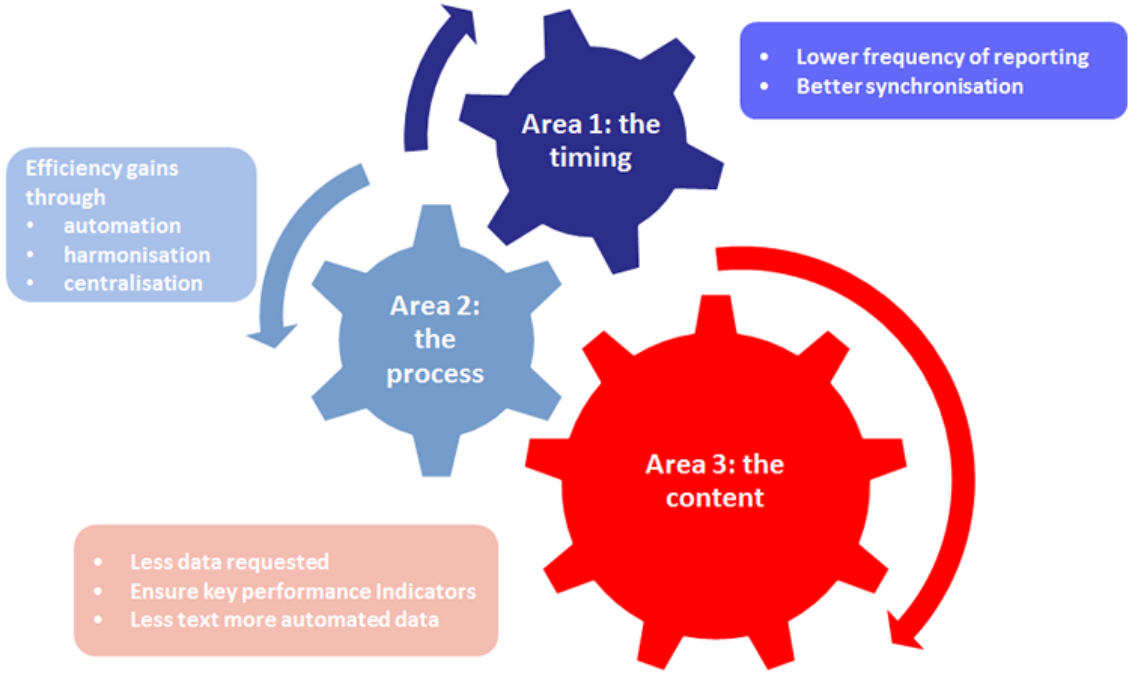
Fitness Check on Environmental Reporting and Monitoring

- [Fitness Check on Reporting and Monitoring of EU Environment Policy](#) (2017)
- [10 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 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)

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

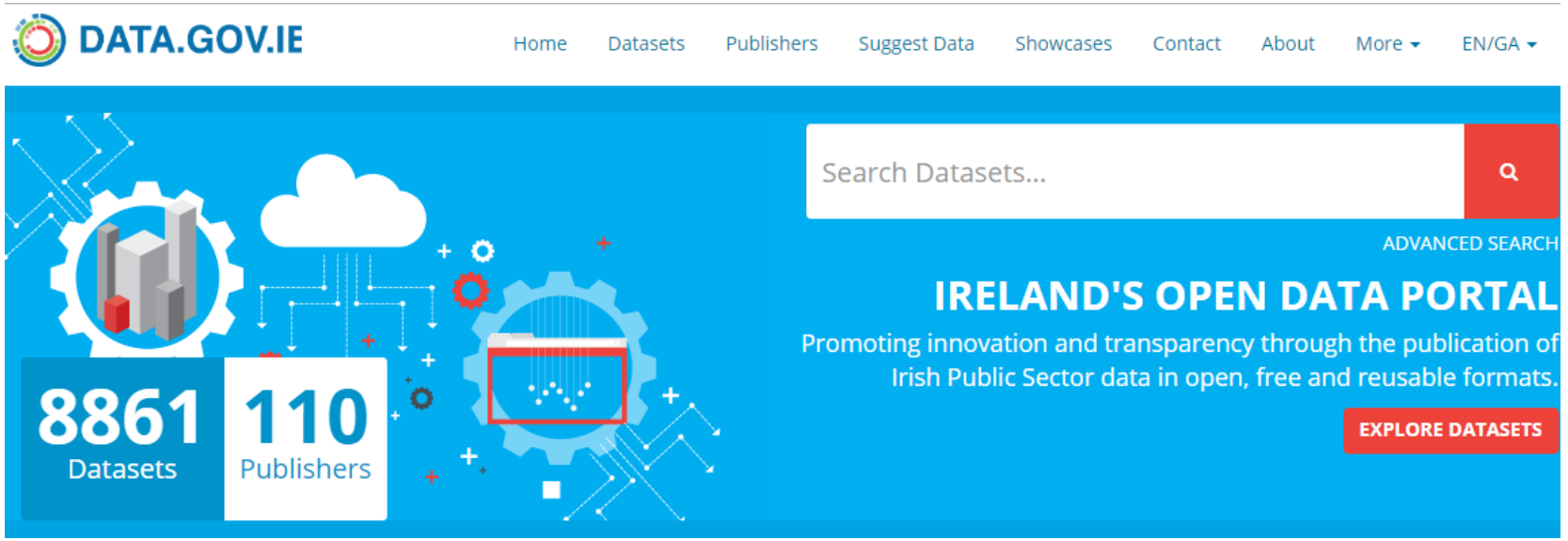
EU EIS project: **Promote best practices for European and national Environmental Information Systems (EU countries)** (Action 5): http://www.eis-data.eu/

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

Open Data Maturity in Europe 2018

Four dimensions of Open Data :

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)

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A new EU strategic agenda 2019-2024

European Council

20-21 June 2019

European Council: adoption of the Strategic Agenda 2019-2024 and high-level appointments

Source:
https://www.consilium.europa.eu/media/39914/a-new-strategic-agenda-2019-2024.pdf

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A new EU strategic agenda 2019-2024

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

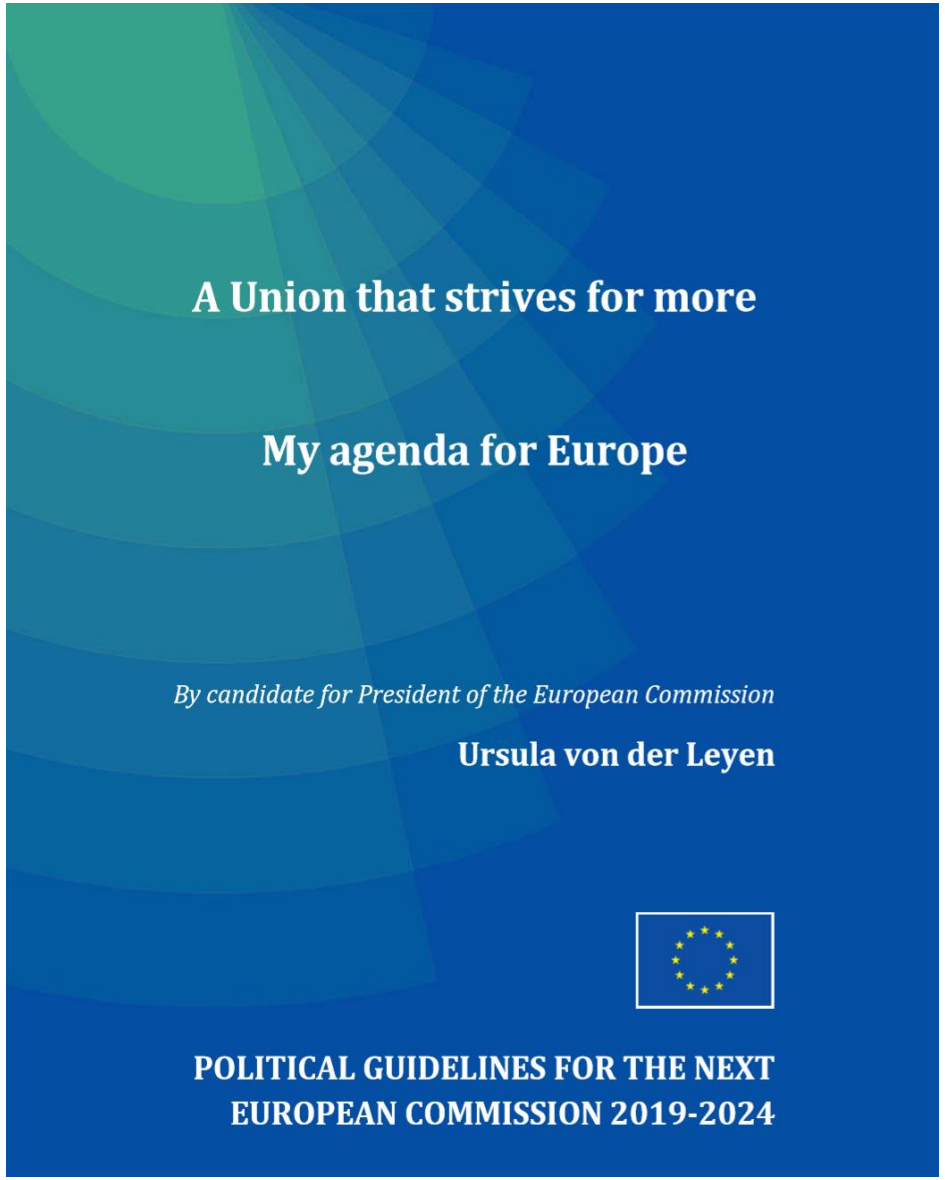
Investing in our future

- 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

Political priorities of Von der Leyen Commission (2019-2024)



European Green Deal

Climate neutrality

Zero pollution

Farm to fork

Circular economy

Sustainable finance

...

First 100 days: November to February

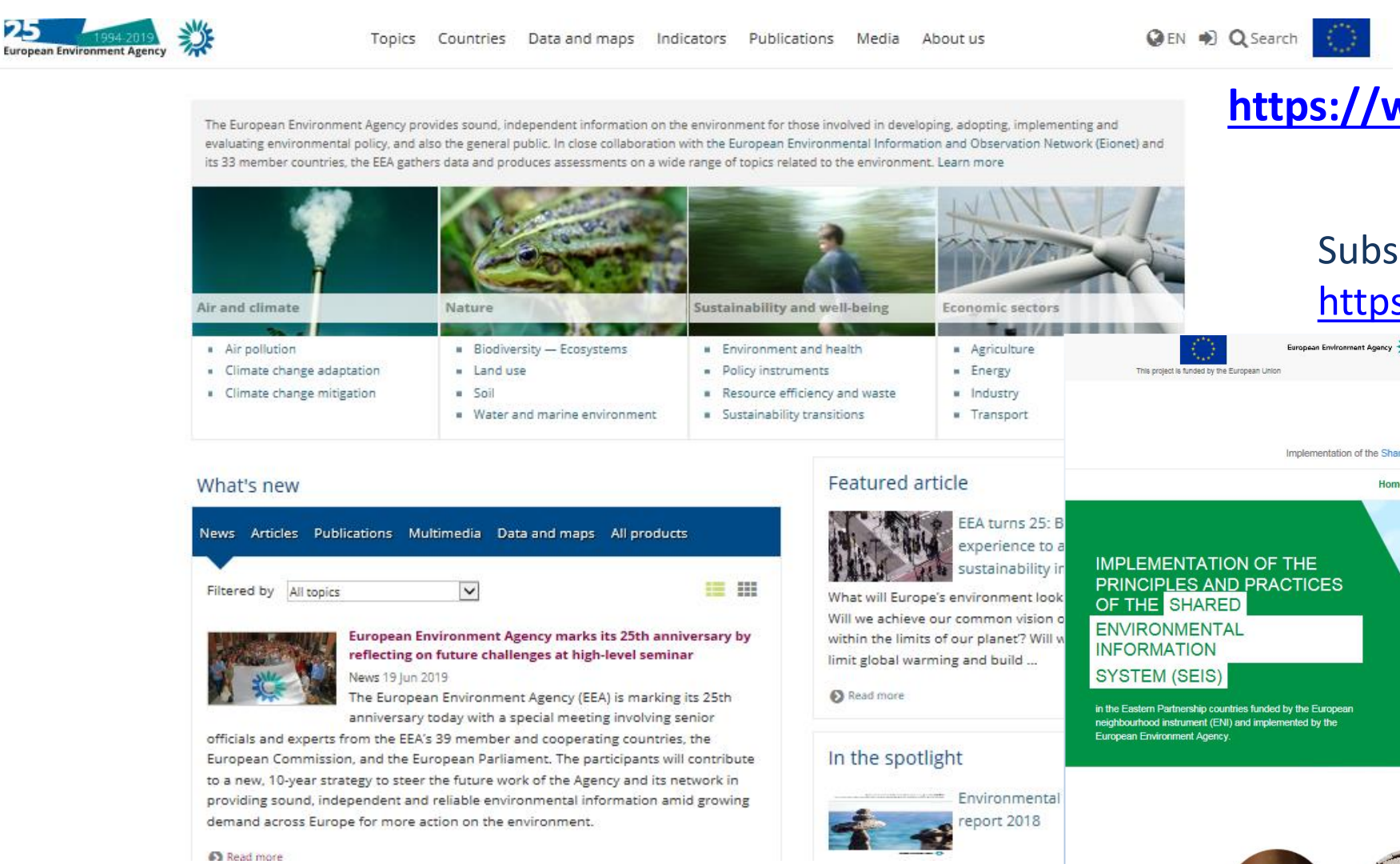
European Environment Agency

The way forward …

The Open Data 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 SEIS principles
- Events:
  - 2nd Regional workshop on Open Data and e-Government for the Environment, 2 October 2019
  - 6th meeting of the Task Force on Access to Information under the Aarhus Convention. 3-4 October 2019

THANK YOU FOR YOUR ATTENTION!



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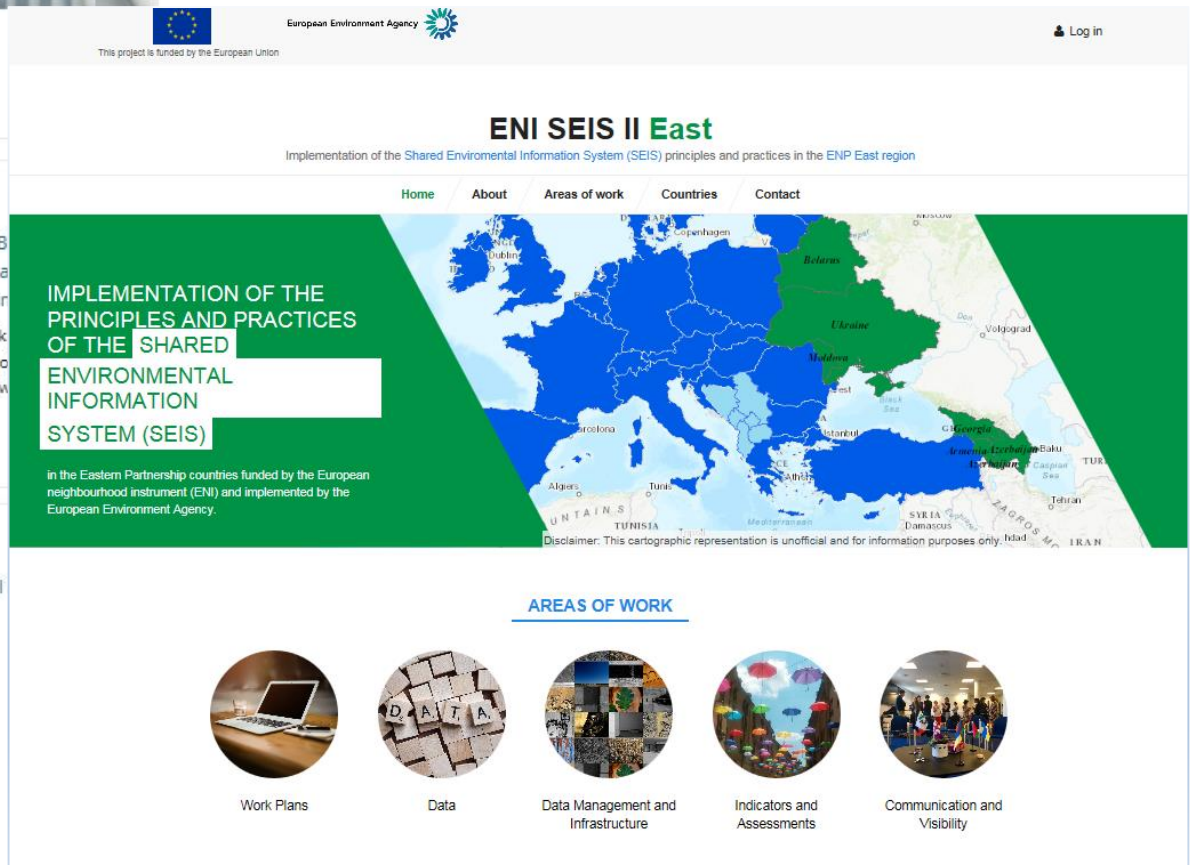
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