

TESS Conference, European Parliament, Brussels, 25 May 2011

From environmental assessment to local decisions and citizen science

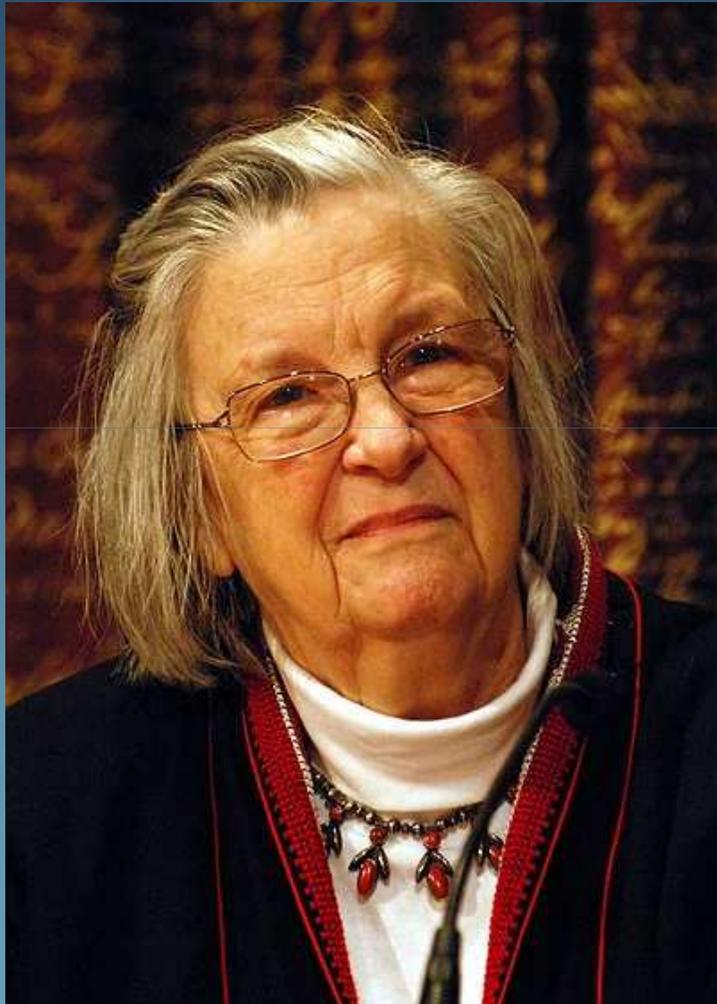
Prof. Jacqueline McGlade
Executive Director, EEA



European Environment Agency



Engaging local people in collecting and sharing information is an essential to environmental governance



Elinor Ostrom was awarded the Nobel prize for her pioneering analysis of the ways that local communities serve as the monitors and collective guardians of shared resources



Protecting the environment is best served by engaging citizens in two-way communication



EEA facilitates information sharing with industry through its European Pollutant Release and Transfer Register



E-PRTR
The European Pollutant Release and Transfer Register

Home
About E-PRTR
Search E-PRTR data
Facility Level
Industrial Activity
Pollutant Releases
Pollutant Transfers
Waste Transfers
Map Search
Releases Diffuse Sources
Questions to E-PRTR (FAQ)
Download
Links
Library
Events / Meetings
Feedback

Industrial Activity
This report will display the aggregated releases and transfers of a specific industrial activity or a sector.

Country: All Reporting States for E-PRTR | Year: 2007
 Region River basin district
All river basin districts

Activity: Industrial activity Economic sector (NACE)
Sector: All sectors | 1 Energy sector | 2 Production and processing of metals
Activities: All activities | 1.(a) Mineral oil and gas refineries | 1.(b) Gasification and liquefaction
Sub-activities: All sub-activities

Search

European Environment Agency (EEA), Kongens Nytorv 6, 1050 Copenhagen K, Denmark
Comments to EEA Web Team. Copyright 1995-2005. Important legal notice

European Environment Agency

There are clear opportunities to enhance collaboration with hunters and farmers



Eye On Earth provides local information on air and water quality across Europe...

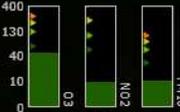
Built on Windows® Azure™ change language (English) | developers | providers | disclaimer

EYE ON EARTH European Environment Agency 

Road Aerial Labels Views my location sms about help lock

MALMÖ, SWEDEN Change Location

OUR RATING
1
VERY GOOD



CO NO2 PM10

YOUR RATING
 **GOOD**

Irritating Dirty Clean
Non-irritating
Odourless Clear
Non-clear Smelly

1 Rating

OUR RATING
1
GOOD

nearest station
Barometergatan, Malmö,
Sweden

YOUR RATING
 **VERY GOOD**

Crowded Polluted Equipped Safe
Clean Scenic Dirty Unsafe

1 Rating

SMS more info...

AIR [location name] OR WATER [location name]

 +44 7786 201 106

EEA HEADLINES

EEA kicks off public activities in the run-up to COP15
On the occasion of Copenhagen Culture Night, the European En...
[COP15]

EU set to miss 2010 air pollutant limits
With 2010 now quickly approaching, updated emission estimate...

EEA joins forces with European Water Partnership

STATIONS [more info...](#)
■ AIR STATIONS ● WATER STATIONS

bing™



...and enables users to supplement monitoring data with their own assessments

The screenshot displays the 'Eye on Earth' web application interface. The main map shows an aerial view of a city area in Malmö, Sweden. A 'Share Location' dialog box is open over the map, featuring social media icons for Facebook, Twitter, and Windows Live, along with a 'Cancel' button. The right-hand panel provides detailed environmental data for the selected location, including:

- OUR RATING:** VERY GOOD (1)
- YOUR RATING:** GOOD
- AIR WATCH:** Irritating Dirty Urban, Non-irritating, Odourless clear, Non-clear Smelly. 1 Rating.
- OUR RATING:** GOOD (1)
- YOUR RATING:** VERY GOOD
- WATER WATCH:** Divided Polluted Eutrophic Safe, Clean Sus. it. Dirty Unsafe. 1 Rating.

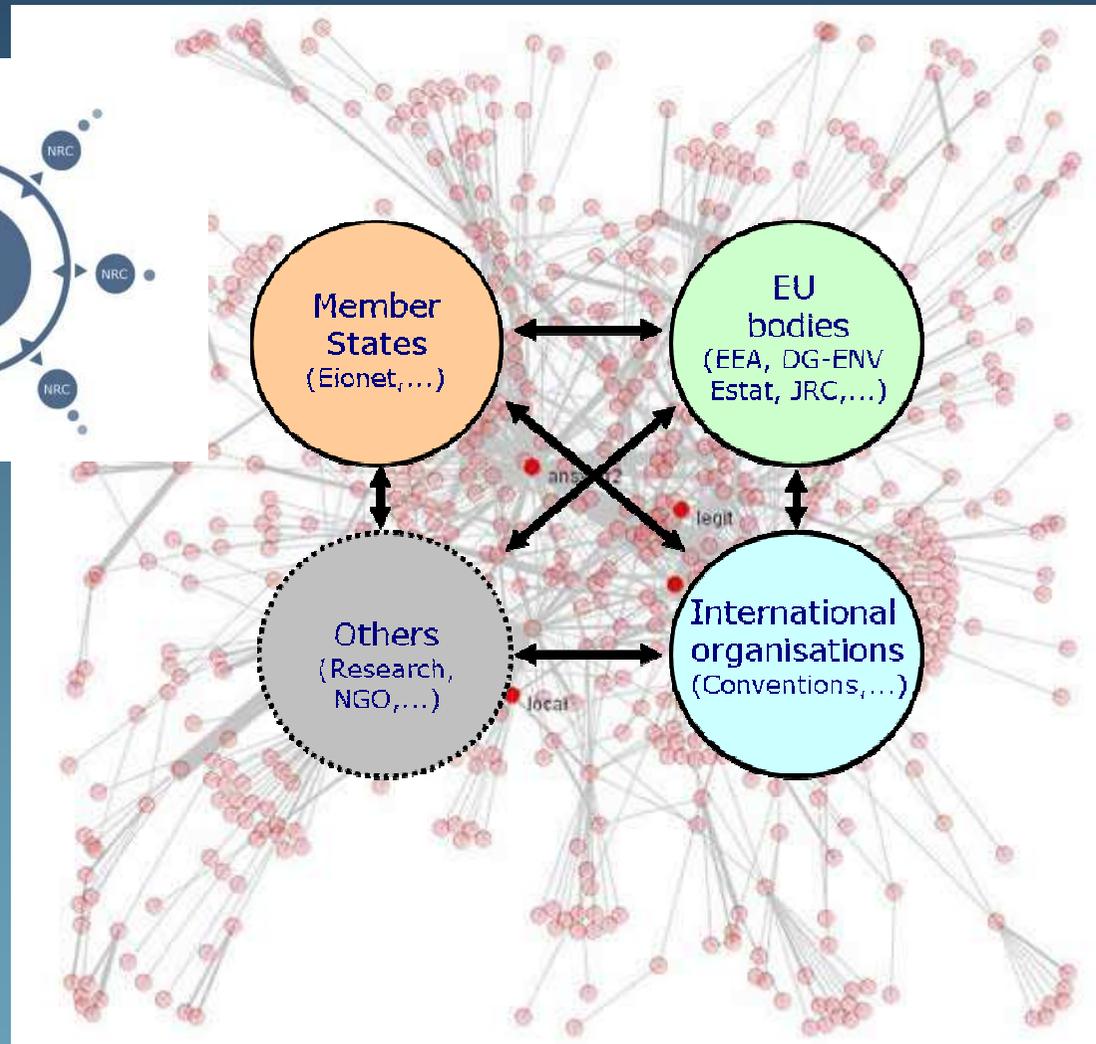
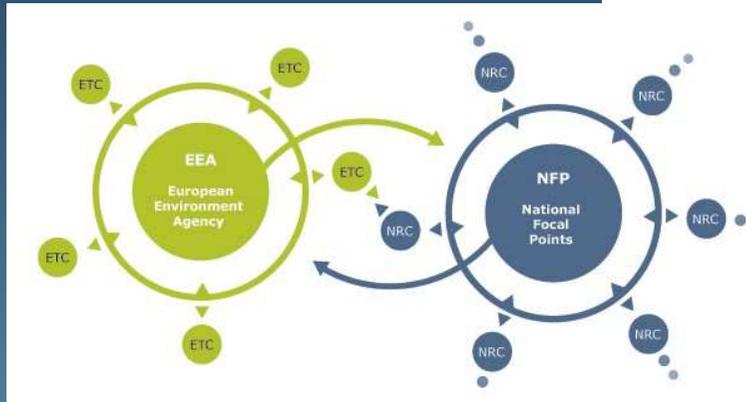
Additional features include a search bar at the top, a 'Share Location' button, and a 'SMS' section with a phone number (+44 7786 201 106). The bottom right corner features 'EEA HEADLINES' with news items such as 'EEA kicks off public activities in the run-up to COP15' and 'EU set to miss 2010 air pollutant limits'.



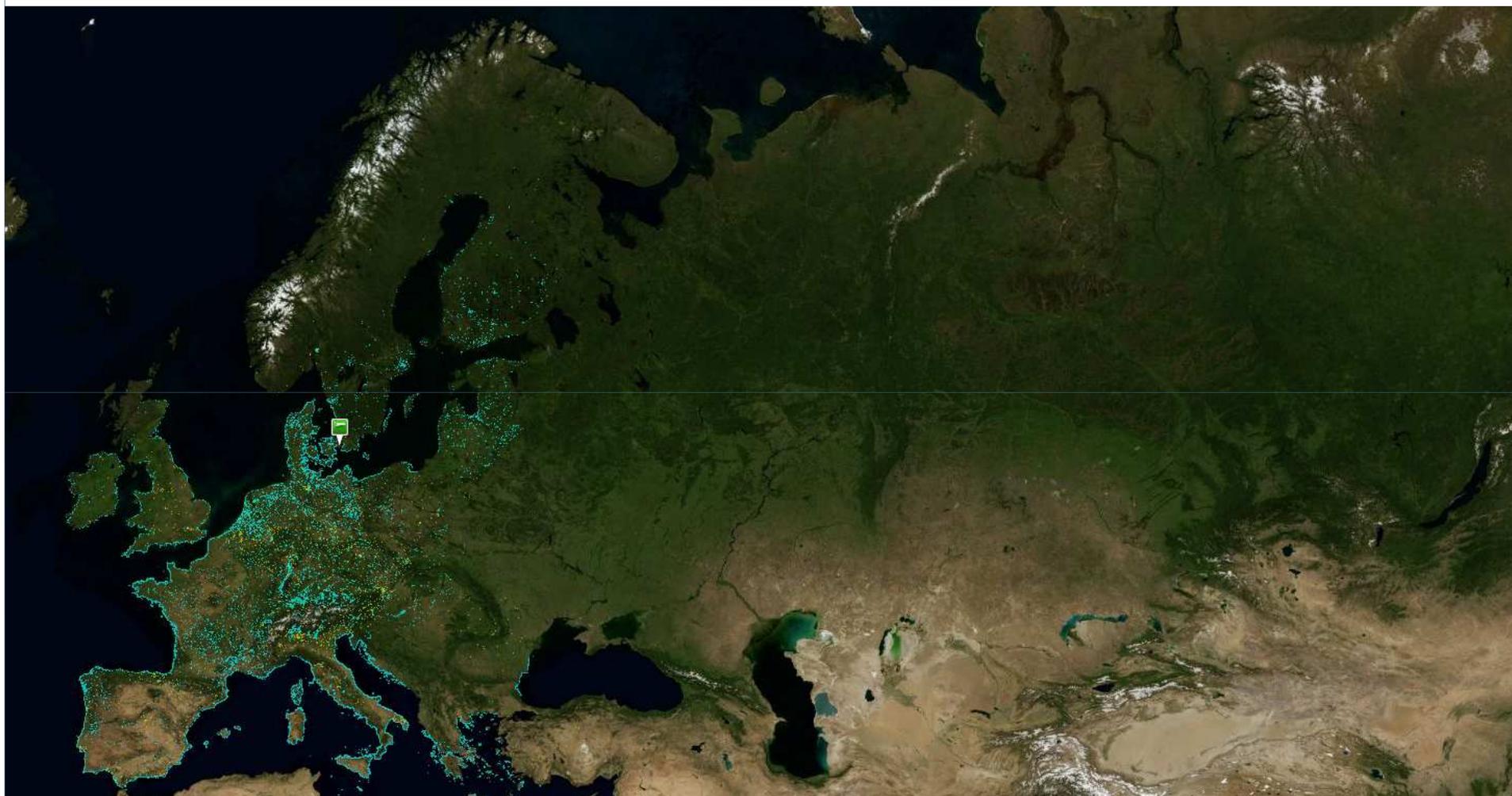
NatureWatch will draw on citizen science to enhance our monitoring of invasive species in Europe



Europe's Shared Environmental Information System has developed fast during the last decade



And Eye On Earth's coverage is set to grow - engaging east European partners through the Astana process



Biodiversity Information System for Europe – a key knowledge base for environmental decision-making



The screenshot displays the Biodiversity Information System for Europe (BISE) website. At the top left is the BISE logo, which features a stylized green figure holding a plant, with the text "BIODIVERSITY INFORMATION SYSTEM FOR EUROPE" below it. To the right of the logo is a photograph of a coastal scene with waves and a palm tree. Further right, the title "Biodiversity Information System for Europe" is displayed in green, followed by a descriptive paragraph: "BISE is a partnership between the European Commission (DG Environment Joint Research Centre, Eurostat) and the European Environment Agency (EEA). It incorporates the network of the European Clearing House Mechanism." Below this text are two buttons: "about BISE" and "show sitemap".

Below the main content area is a horizontal navigation bar with five colored tabs: "Policy" (red), "Topics" (yellow), "Data" (green), "Research" (blue), and "Countries & Networks" (purple). Below the navigation bar are two news sections: "News - Europe" and "News - World".

News - Europe

- COST, 27/05/2010: COST elects new CSO President
- SCALES, 27/05/2010: LIFE nature and biodiversity awards for urban areas
- COST, 23/05/2010: Gender Equality and Research Funding: the COST contribution
- EEA, 21/05/2010: Europe in bloom: a living façade adds life to central Copenhagen
- Alter-net, 09/04/2010: Blooming water
- Alter-net, 09/04/2010: Lichens - flags of distress?
- EEA, 06/04/2010: Biodiversity and forest ecosystems in Europe

News - World

- CBD, 27/05/2010: [Gov't renewing drive for public acceptance of Bt corn propagation](#)
- CBD, 27/05/2010: [National Biosafety Board Established](#)
- CBD, 27/05/2010: [Stripe rust threat to wheat worse than predicted](#)
- IUCN, 25/05/2010: [España, a la cabeza de la UICN en el Mediterráneo](#)
- IUCN, 24/05/2010: [Seismic threat to Critically Endangered whales](#)
- IUCN, 24/05/2010: [Drylands mustn't go to waste](#)

At the bottom of the page are three logos: the European Commission logo (a blue rectangle with yellow stars), the European Environment Agency logo (a blue sun-like symbol with "EEA" below it), and the International Year of Biodiversity logo (the year "2010" with a green tree and a globe integrated into the numbers).



Biodiversity Information System for Europe: BISE data

home | login EC-CHM WISE Contact us Sitemap Search



Policy
Topics
Data
Research
Countries & Networks

Home » Data

Data

Welcome to the Data section of the Biodiversity Information System for Europe. The scope is set to information infrastructure support.

The Biodiversity data centre (BDC) managed by the European Environment Agency provides access to data and information on species, habitat types and sites of interest in Europe and to related products for biodiversity indicators and assessments. Priority is given to policy-relevant data and information for European and national institutions, professionals, researchers and the public.

Data and information useful for biodiversity indicator sets such as those provided by the other 9 Environmental data centres which are available on the EEA website.

The mission of the Global Biodiversity Information Facility (GBIF) is to provide free and open access to millions of data records from the world's biodiversity inventories.

- [BDC - interactive data and map viewers](#) Highly relevant
- [BDC - data and maps](#) Highly relevant
- [BDC - indicators](#)
- [BDC - document library](#)

- [Air](#) - [Climate change](#) - [Water](#) - [Land use](#) - [Soil](#) - [Forests](#)

- [GBIF Data Portal](#)

European Environment Agency 

Search Europe's environment... 

[A-Z Glossary](#)

Environmental topics
Publications
Multimedia
Data and maps
Networks
Press room
About EEA

Biodiversity

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Europe in bloom: a living façade at the European Environment Agency

- Menu
- ▼ Data centre

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Conservation status (Art 17) - habitats

- Data centre overview
- Interactive maps and data viewers
- Data and maps
- Indicators
- Countries data reporting
- GIS applications API
- Document library
- About the Biodiversity Data Centre

- Topics

Data centre overview

The Biodiversity data centre (BDC) provides access to data and information on species, habitat types and sites of interest in Europe and to related products for biodiversity indicators and assessments. Priority is given to policy-relevant data and information for European and national institutions, professionals, researchers and the public.

Interactive maps and data viewers (4) »



Conservation status (Art 17) - habitats



Conservation status (Art 17) - species



European protected areas - Natura 2000 interactive map



Eunis - Find species, habitats and sites

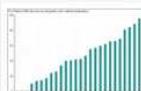
Data and maps (288) »



Species in Birds and Habitats Directive Annexes



European Red Lists



Percentage of Natura 2000 site area not protected under



Distribution of Natura 2000 sites across the 27 EU Member States



Biodiversity Information System for Europe

BISE topics - SEBI indicators

The image shows a screenshot of the Biodiversity Information System for Europe (BISE) website. The main page features a navigation menu with categories: Policy, Topics, Data, Research, and Countries & Networks. The 'Topics' section is highlighted, and the breadcrumb trail reads 'Home » Topics » SEBI indicators'.

On the left, there is a 'Quick links' sidebar with various topics such as Green infrastructure, LIFE+ Nature and Biodiversity Projects, Ecosystems and habitats, Climate change, Fragmentation, Land use change, SEBI indicators, Species, Genetic Resources, Ecosystem services, Protected Areas, Invasive species, Pollution, Overexploitation, and Tipping points.

The main content area is titled 'SEBI indicators'. It includes a sub-header 'SEBI2010 – Streamlining European...' and a paragraph: 'The institutional partners are the ECNC (European Centre for Nature and Cultural Heritage), the European Commission, the PEEB, and the action plan on biodiversity indicators. Supported by the contributions of many member states and IGOs, a first set of 26 indicators was developed. The EU was as the originator of the SEBI2010 – Streamlining European...'.

Below the text, there are several links: 'SEBI2010 – Streamlining European...', 'more on SEBI 2010 indicators', 'access to EEA's publications', and 'show the indicators'. A section titled 'SEBI2010 – Streamlining European...' is also visible.

An inset window shows a detailed view of the 'Indicators' section on the EEA website. It features a search bar, a navigation menu (Environmental topics, Publications, Multimedia, Data and maps, Networks, Press room, About EEA), and a list of indicators with associated charts and maps. The indicators listed are:

- SEBI017 - Forest: growing stock, increment and fellings - Assessment published May 2010
- SEBI019 - Agriculture: nitrogen balance - Assessment published May 2010
- SEBI003 - Species of European interest - Assessment published May 2010
- SEBI008 - Sites designated under the EU Habitats and Birds Directive - Assessment published May 2010
- SEBI010 - Invasive alien species in Europe - Assessment published May 2010

Biodiversity Information System for Europe

BISE topics - protected areas

home | login EC-CHM WISE Contact us Sitemap Search

Policy
Topics
Data
Research
Countries & Networks

Home » Topics » Protected Areas

Quick links

- Green infrastructure
- LIFE+ Nature and Biodiversity Projects
- Ecosystems and habitats
- Climate change
- Fragmentation
- Land use change
- SEBI indicators
- Species
- Genetic Resources
- Ecosystem services
- Protected Areas
- Invasive species
- Pollution
- Overexploitation
- Tipping points

Protected Areas

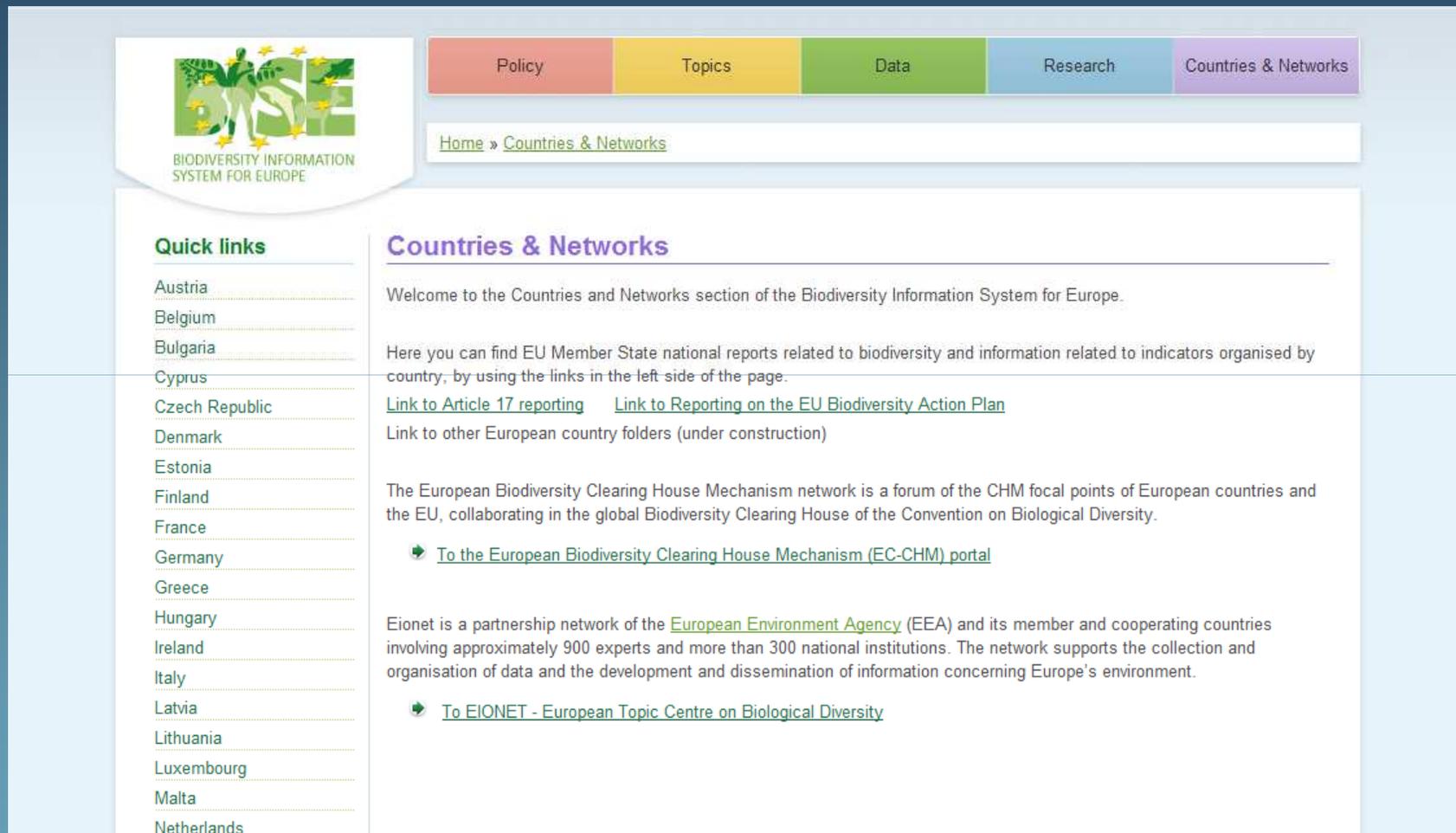
According to IUCN's new definition, a managed, through legal or other effective ecosystem services and cultural value

With more than 100 000 sites designated some extent this reflects the high presence of Protected areas have long been the only Europe's designated areas varies greatly over 97 million hectares (ha) for a site in

- Protected areas provide a **wide range** of context of increasing pressures and a environment.
- Europe is the region with the **greatest** protected areas in the world **but they are in size.**
- Europe's **Natura 2000**, unique in the young, and the Emerald network under international European networks of protected areas catalyse biodiversity conservation.



Citizen biodiversity information networks can make an important contribution to BISE



The screenshot shows the Biodiversity Information System for Europe (BISE) website. At the top left is the BISE logo, which features a stylized green plant with yellow flowers and the text "BIODIVERSITY INFORMATION SYSTEM FOR EUROPE". To the right of the logo is a navigation menu with five colored buttons: "Policy" (red), "Topics" (yellow), "Data" (green), "Research" (blue), and "Countries & Networks" (purple). Below the navigation menu is a breadcrumb trail: "Home » Countries & Networks".

The main content area is titled "Countries & Networks" and contains the following text:

Welcome to the Countries and Networks section of the Biodiversity Information System for Europe.

Here you can find EU Member State national reports related to biodiversity and information related to indicators organised by country, by using the links in the left side of the page.

[Link to Article 17 reporting](#) [Link to Reporting on the EU Biodiversity Action Plan](#)

Link to other European country folders (under construction)

The European Biodiversity Clearing House Mechanism network is a forum of the CHM focal points of European countries and the EU, collaborating in the global Biodiversity Clearing House of the Convention on Biological Diversity.

➔ [To the European Biodiversity Clearing House Mechanism \(EC-CHM\) portal](#)

Eionet is a partnership network of the [European Environment Agency](#) (EEA) and its member and cooperating countries involving approximately 900 experts and more than 300 national institutions. The network supports the collection and organisation of data and the development and dissemination of information concerning Europe's environment.

➔ [To EIONET - European Topic Centre on Biological Diversity](#)

On the left side of the page, there is a "Quick links" section with a list of European countries, each with a dotted line underneath it:

- Austria
- Belgium
- Bulgaria
- Cyprus
- Czech Republic
- Denmark
- Estonia
- Finland
- France
- Germany
- Greece
- Hungary
- Ireland
- Italy
- Latvia
- Lithuania
- Luxembourg
- Malta
- Netherlands



TESS Conference, European Parliament, Brussels, 25 May 2011

Thank you!

Prof. Jacqueline McGlade
Executive Director, EEA



European Environment Agency

