

Informacja o środowisku Europy – od budowania systemów do dzielenia się wiedzą

Katarzyna Biała

European Environment Agency / Europejska Agencja Środowiska, Kopenhaga

Europejska Agencja Środowiska (EEA)

Europejska Agencja Środowiska (European Environment Agency – EEA) to jedna z agencji Unii Europejskiej.

Naszym zadaniem jest wspieranie **zrównoważonego rozwoju** oraz osiągnięcia **znaczącej i widocznej poprawy stanu środowiska** poprzez dostarczanie **aktualnych, rzetelnych i obiektywnych informacji** organom decyzyjnym i społeczeństwu.

Europejska Agencja Środowiska (EEA)

Obecnie do EEA należy

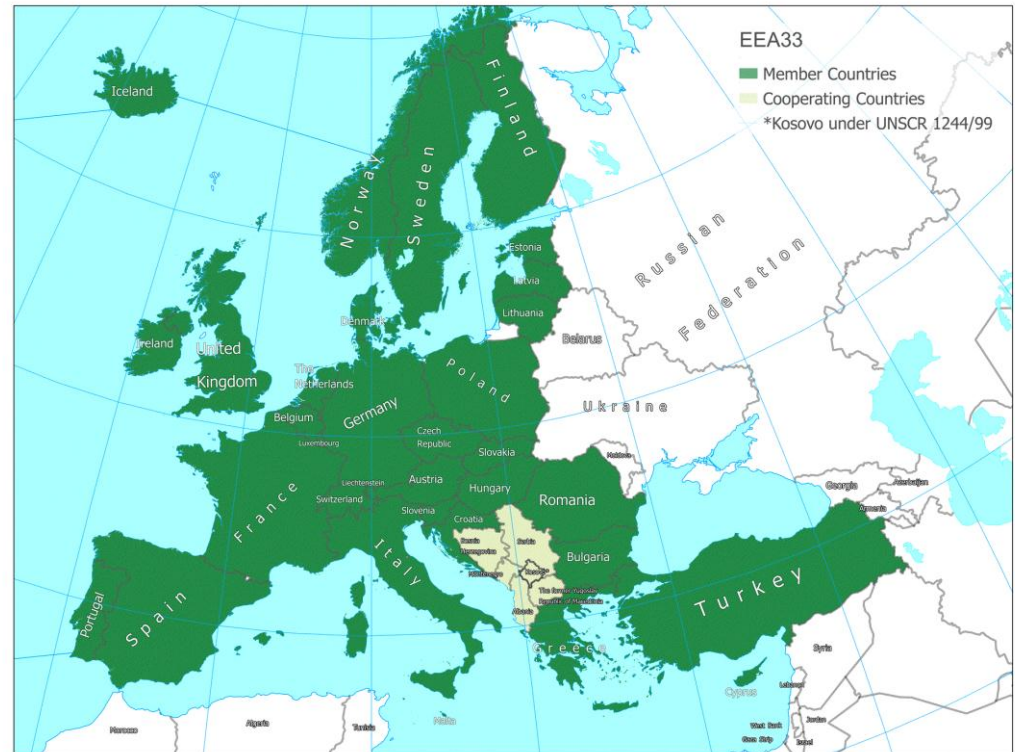
33 krajów

członkowskich

(28 państw UE + Islandia,

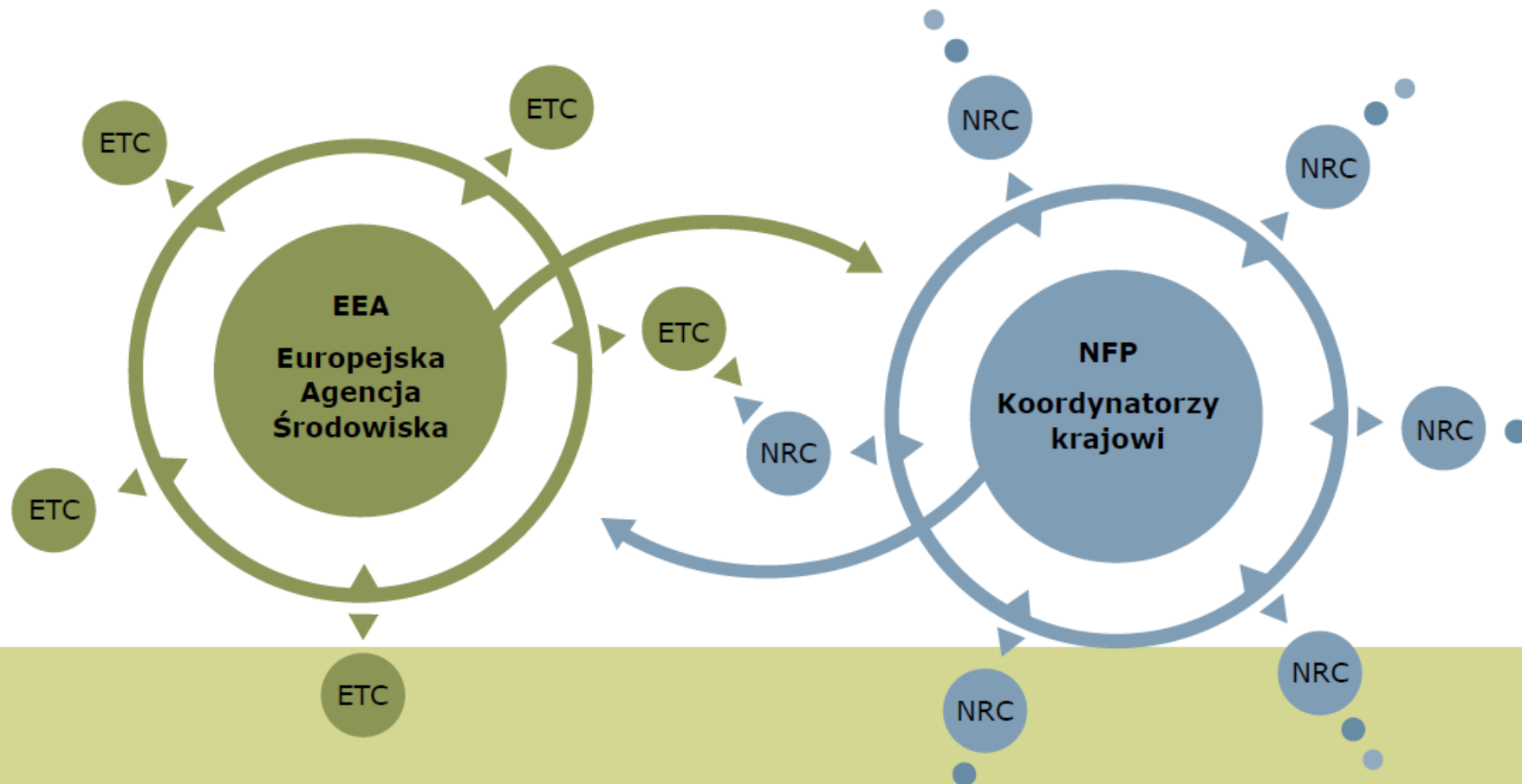
Liechtenstein, Norwegia,

Szwajcaria i Turcja)



EIONET i inni partnerzy EEA

Europejska sieć informacji i obserwacji środowiska (Eionet)



Kluczowe obszary działania EEA 2014-2018

**WSPIERANIE WDRAŻANIA
POLITYKI**

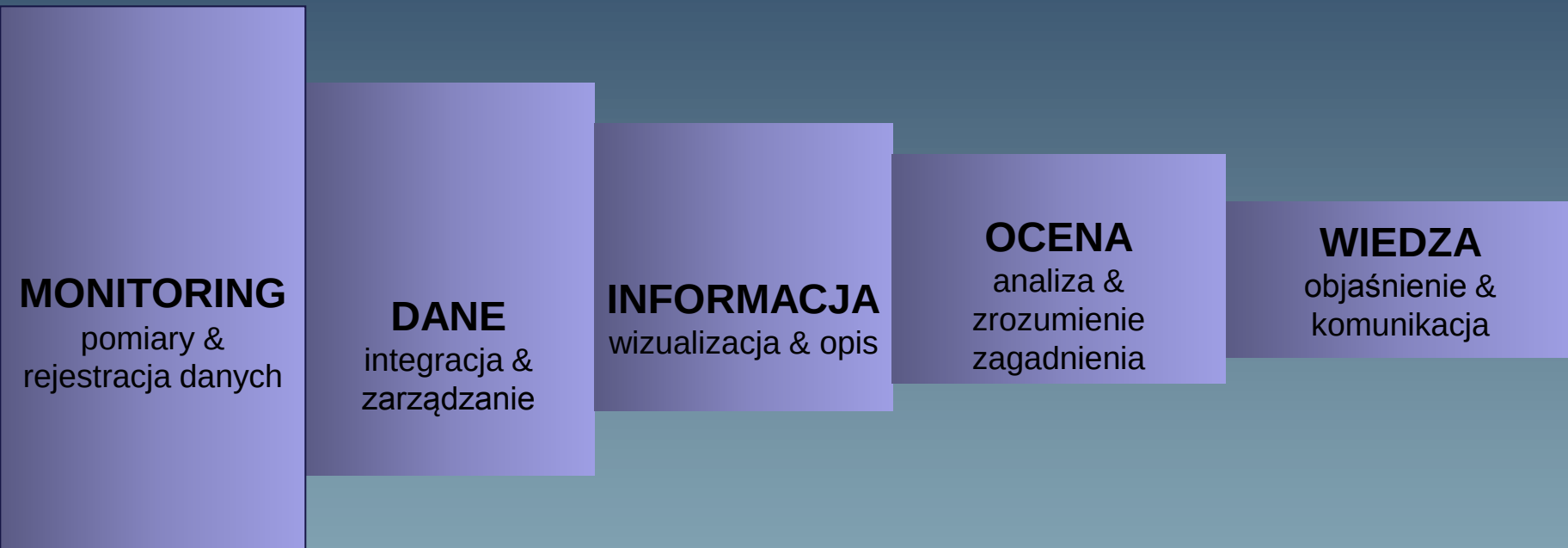
**OCENY WYZWAŃ
SYSTEMOWYCH**

**WSPÓŁTWORZENIE, DZIELENIE SIĘ
I WYKORZYSTYWANIE WIEDZY**

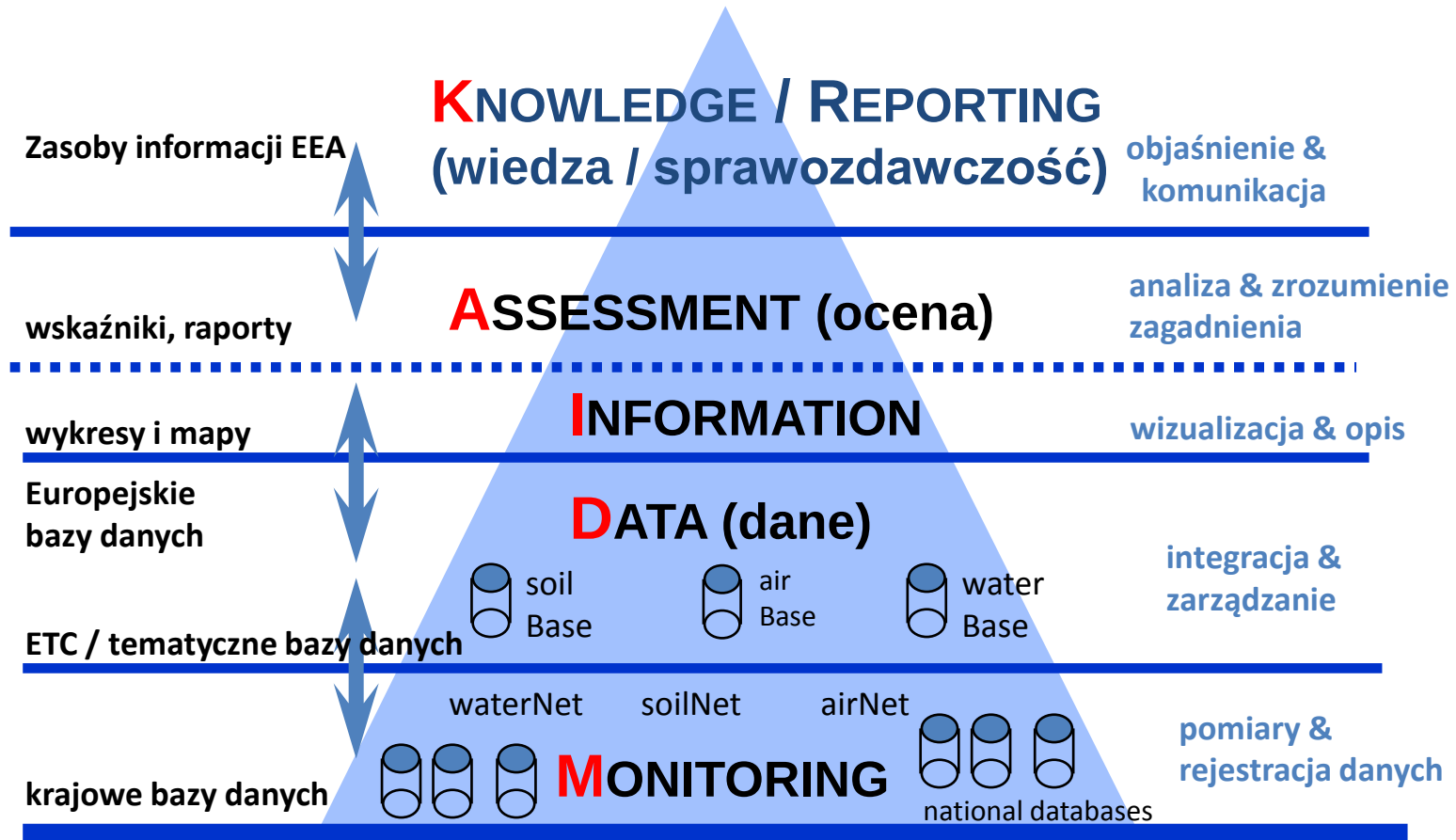
M ➡ D ➡ I ➡ A ➡ K

EEA - MDIAK

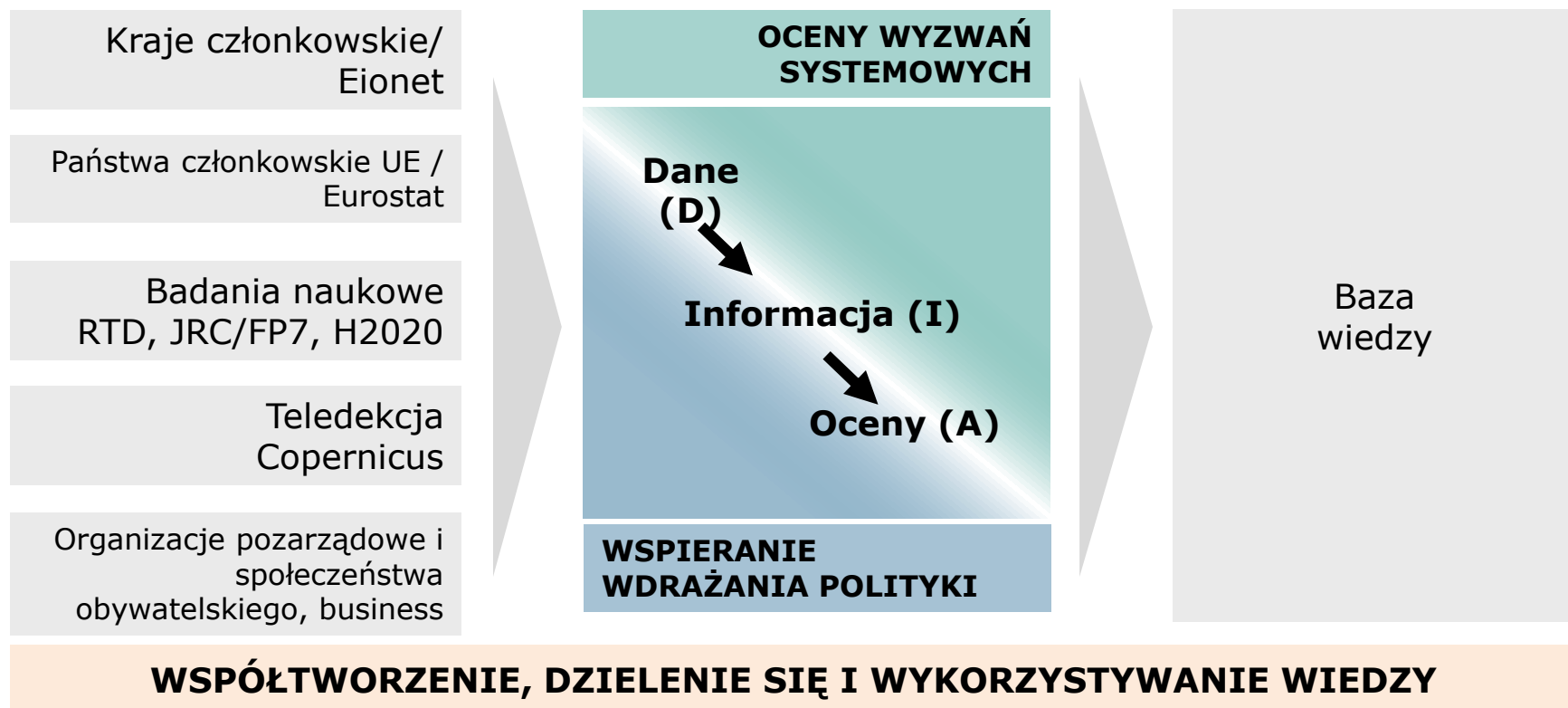
Monitoring - Data - Information - Assessments - Knowledge



MDIAK



Z kim współtworzymy wiedzę?



M ➔ D ➔ I ➔ A ➔ K

proces przepływu danych w EEA



Efektywne ceny stanu środowiska



Informacje i Wiedza o Środowisku

C	Z	W	T	M	U	O	S	D	T	E	S
R	M	D	I	A	K	G	D	P	Z	D	F
F	Q	P	S	W			K	S	U	S	O
L	A	C	O	P	E		N	I	C	U	S
I	A	S	L	E	A		A	P	R	P	O
S	E	I	S	A	M		F	H	Q	S	A
P	Y	V	X	N	B		G	L	P	R	T

Informacje i Wiedza o Środowisku (częściowo) odkodowane

C	Z	W	T	M	U	O	S	D	T	E	S
R	M	D	I	A	K	G	D	P	Z	D	F
F	Q	P	S	W	J	H	K	S	U	S	O
L	A	C	O	P	E	R	N	I	C	U	S
I	A	S	L	E	A	A	P	R	P	O	O
S	E	I	S	A	M	F	H	Q	S	A	E
I	Y	V	X	N	B	G	L	P	R	T	R

Monitoring-Dane-Wskaźniki-Oceny

- optymalizacja procesu

Copernicus: dane
satelitarne oraz in-situ ...

Europejskie centra
danych, przeglądarki, ...

Wskaźniki (w tym CSI),
rachunki ekonomiczne
środowiska, ...

Oceny tematyczne,
zintegrowane oceny
środowiska, ...

Zaangażowanie obywateli,
...

(M)

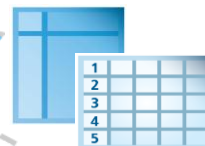
Monitoring



Struktura

(D)

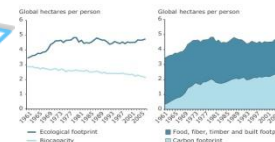
Dane



Interpretacja

(I)

Wskaźniki



Integracja

(A)

Oceny



*Refleksja &
działanie*

(K)

Wiedza, działanie



Program COPERNICUS

Firefox

High Resolution Layers — Copernicus La...

land.copernicus.eu/pan-european/high-resolution-layers

us programme eea high resolution layers

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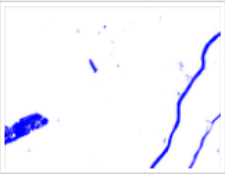
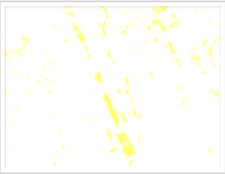
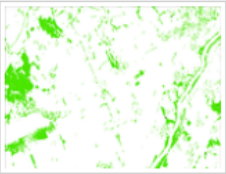
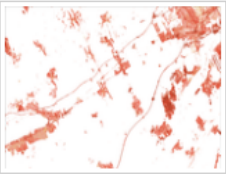


Home Global Pan-European Local In-situ

You are here: Home / Pan-European / High Resolution Layers

Copernicus Land Monitoring Services

High Resolution Layers



[Imperviousness](#)[Forests](#)[Grassland](#)[Wetlands](#)[Permanent Water Bodies](#)

Please note that the High Resolution Layers are currently in production and as such, do not have full European coverage and have not yet undergone verification, enhancement and validation.

Pan-European High Resolution Layers (HRL) provide information on specific land cover characteristics, and are complementary to land cover / land use mapping such as in the Corine land cover (CLC) datasets. The HRLs are produced from 20 m resolution satellite imagery through a combination of automatic processing and interactive rule based classification.

5 themes have been identified so far, corresponding with the main themes from CLC, i.e. the level of sealed soil (imperviousness), tree cover density and forest type, permanent grasslands, wetlands and water bodies. Pixels of 20 by 20 m are regrouped into 100 by 100 m grid cells for final products.

Pan-European wall to wall products will cover 39 European countries. They are produced in a combined centralized and decentralized approach, involving service industry through market mechanisms and participating countries through grant agreements.

The HRLs can then be used, for example, as attributes for different kind of map objects, such as NUTS3, CLC polygons, regular grids or designated areas.

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Partners



Copyright Copernicus Programme | Last update 23 May 2014 | Top





Copernicus: komponenty pan-Europejskie 2012

Portfolio produktów

Corine Land Cover 2012

Gleby pokryte sztucznymi powierzchniami
(*imperviousness / sealed soils*)

Typy lasów

Gęstość pokrywy drzew

Użytki zielone

Atlas
Miast

Tereny podmokłe

Mozaiki obrazów

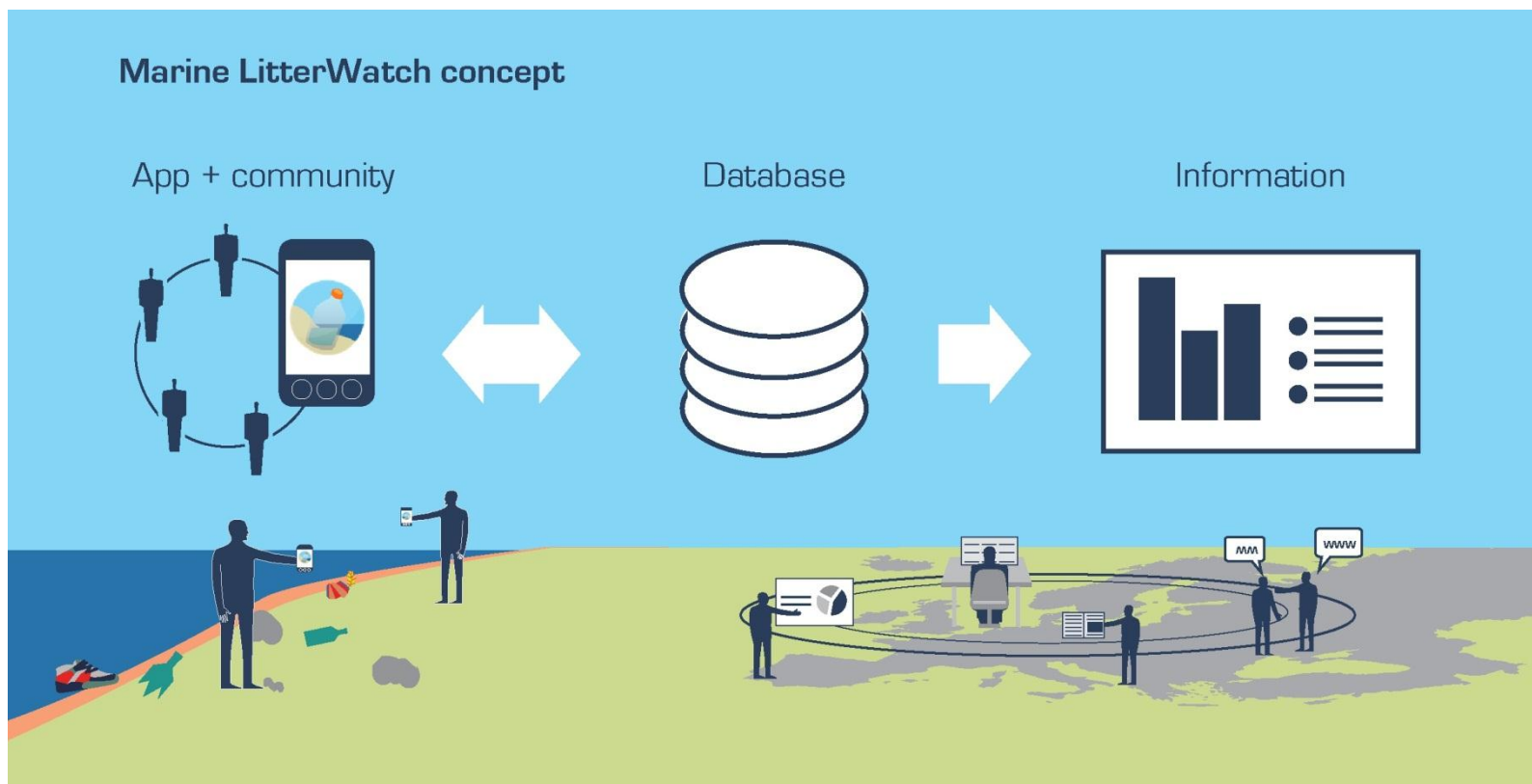
Obszary wodne

LC Bioróżnorodność

Marine Litter Watch

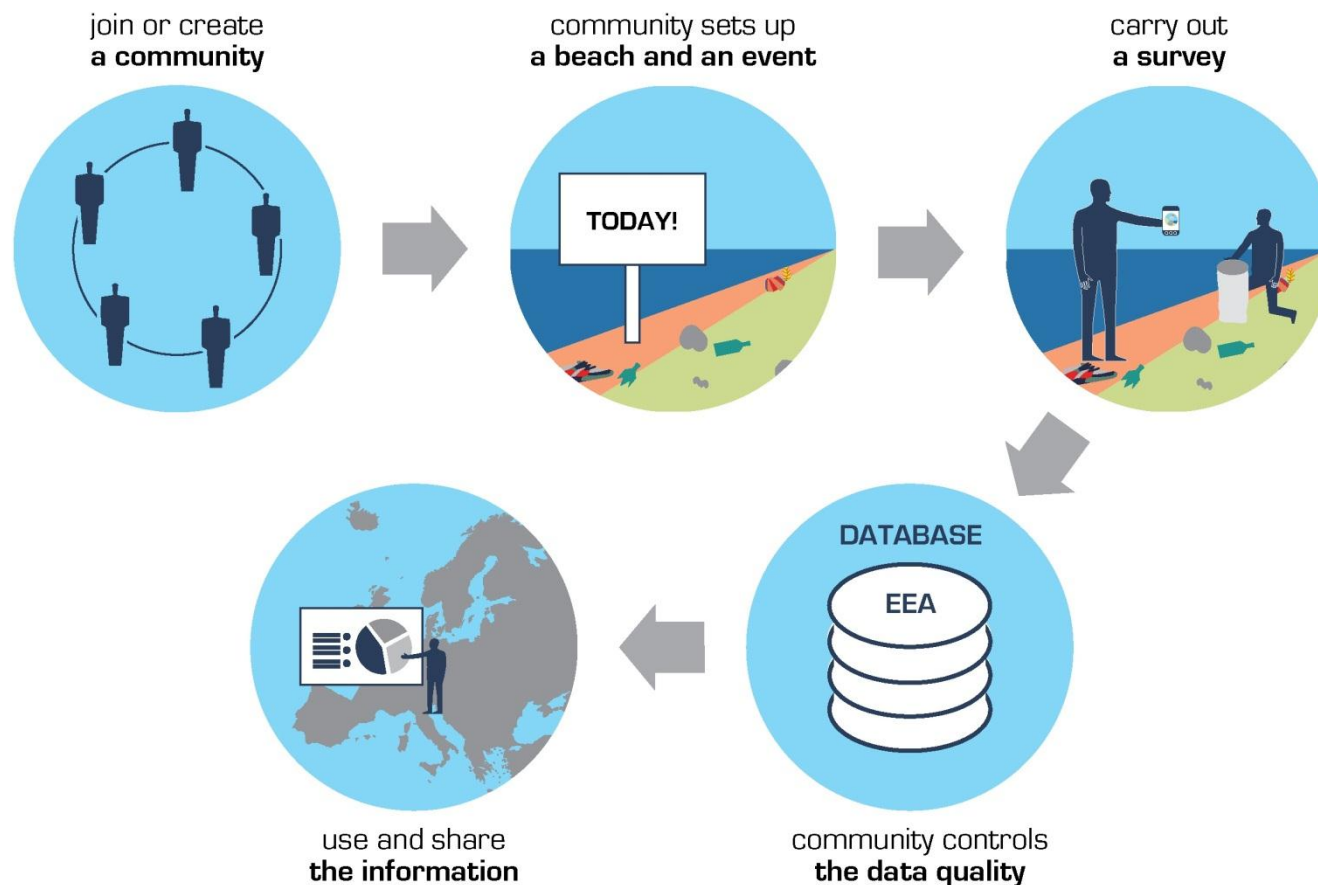
Marine Litter Watch - Obserwacja Zanieczyszczenia Mórz

projekt społecznościowy



Marine Litter Watch

Marine Litter Watch - Obserwacja Zanieczyszczenia Mórz



Marine Litter Watch

Marine Litter Watch

Marine LitterWatch

+

Add items

Survey

Survey details

ARTIFICIAL POLYMER MATERIALS

	G3 Shopping Bags	— 85 +
	G4 Small plastic bags, e.g. freezer bags	— 7 +
	G7 Drink bottles	— 1 +
	G8 Drink bottles >0.5l	— 9 +
	G10 Food containers incl. fast food containers	— 7 +
	G21 Plastic caps/lids drinks	— 9 +
	G27 Cigarette butts and filters	— 76 +
	G30 Crisps packets/sweets wrappers	— 8 +
	G34 Cutlery and trays	— 1 +
	G35	— +

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17:30

📶

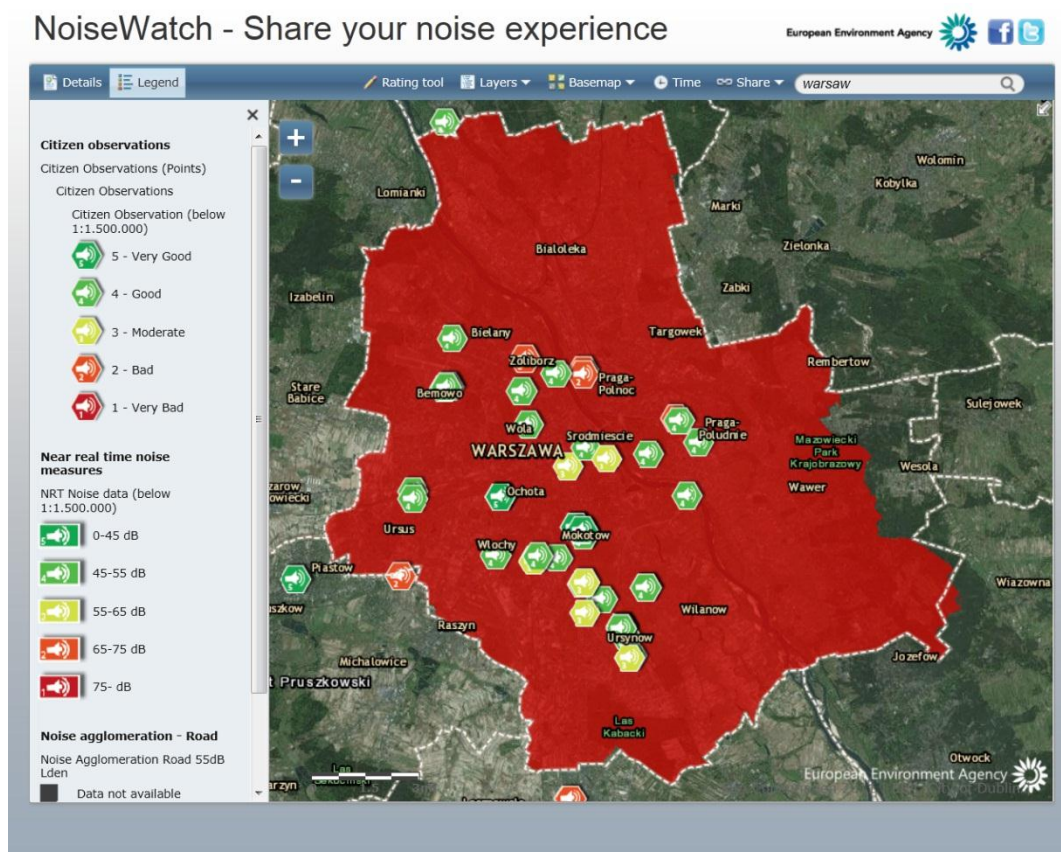
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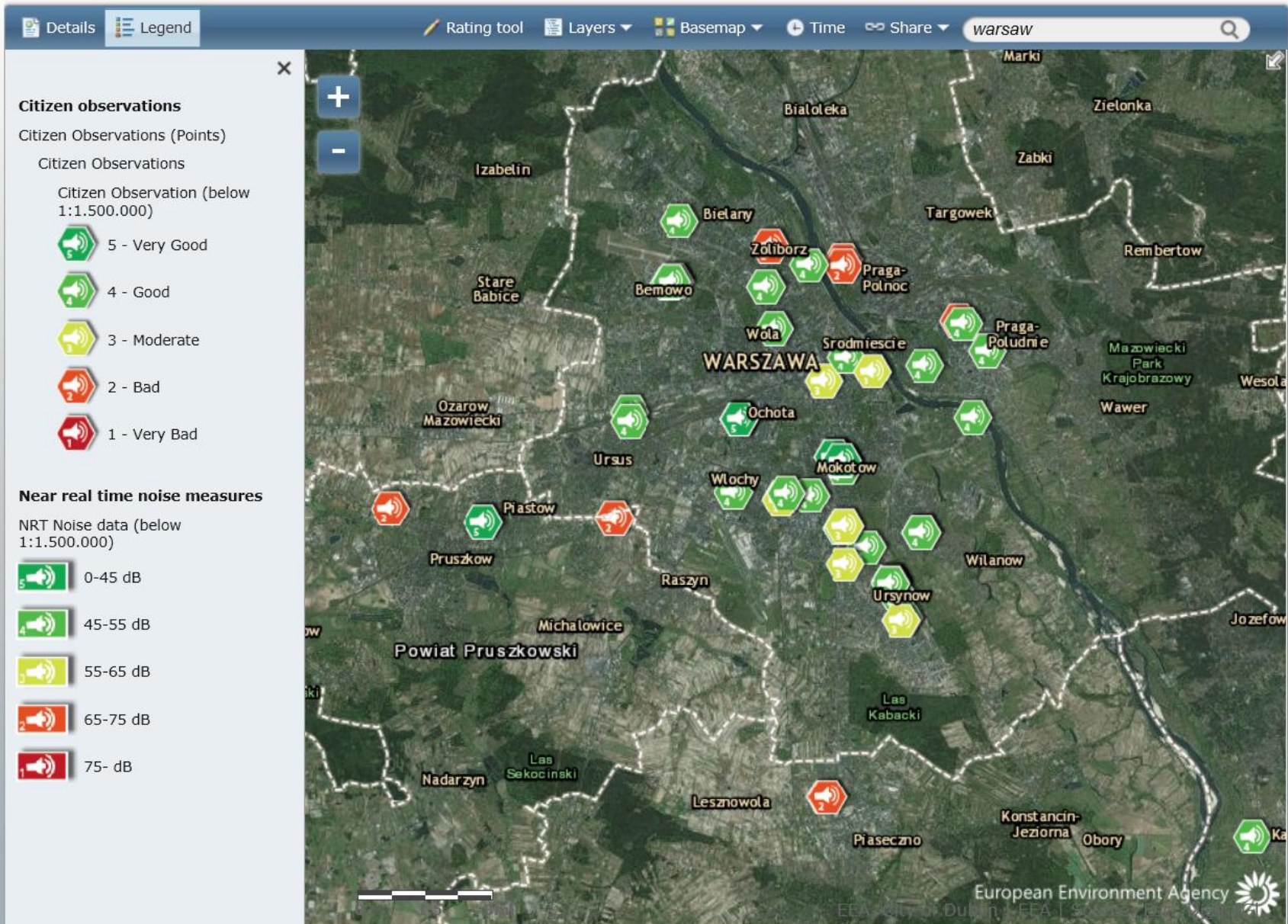
Noise Watch

Noise Watch - Obserwacja Poziomu Hałasu *projekt społecznościowy + obserwacje in-situ*

<http://discomap.eea.europa.eu/map/NoiseWatch/>



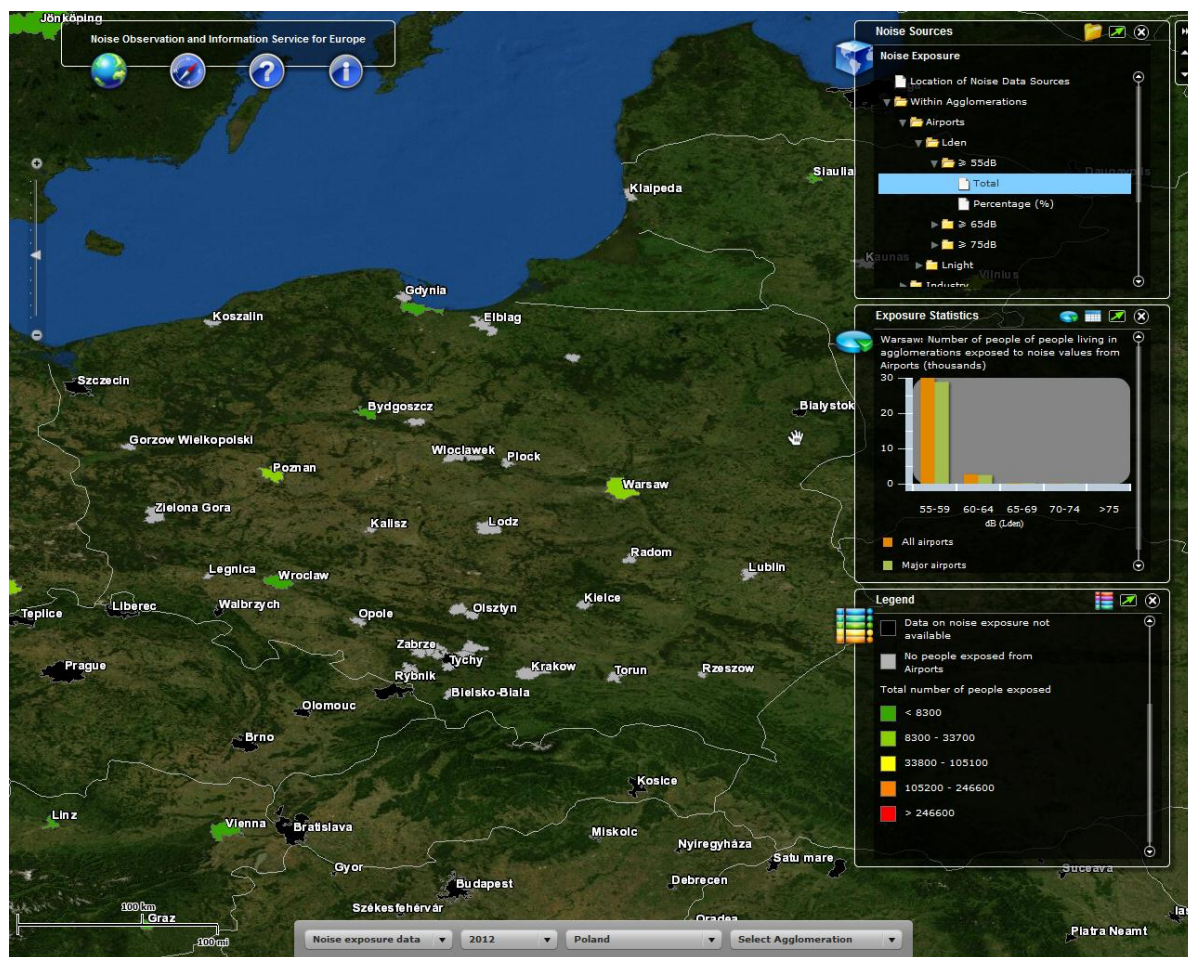
NoiseWatch - Share your noise experience



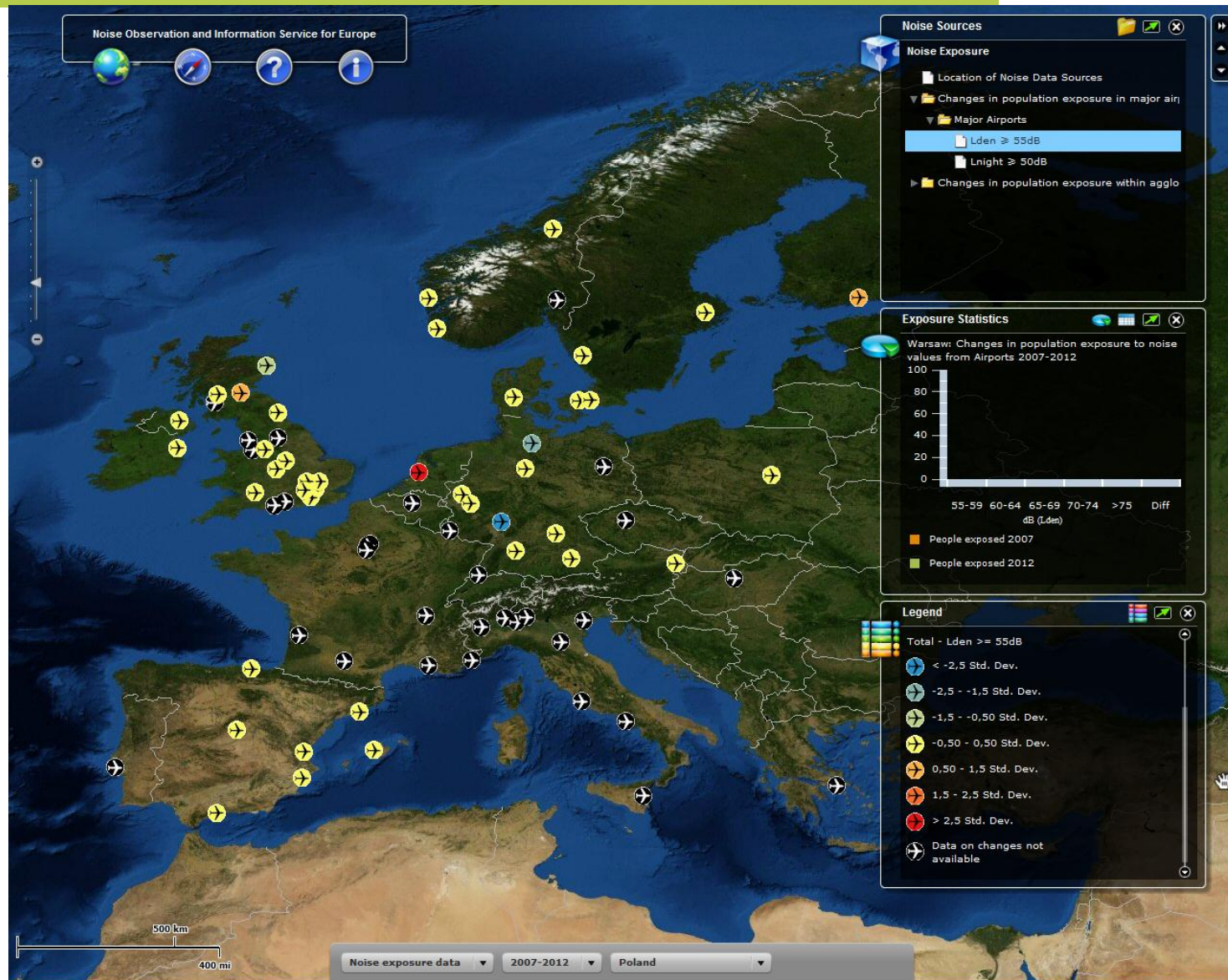
Noise Observation and Information Centre for Europe

Noise Observation and Information Centre for Europe

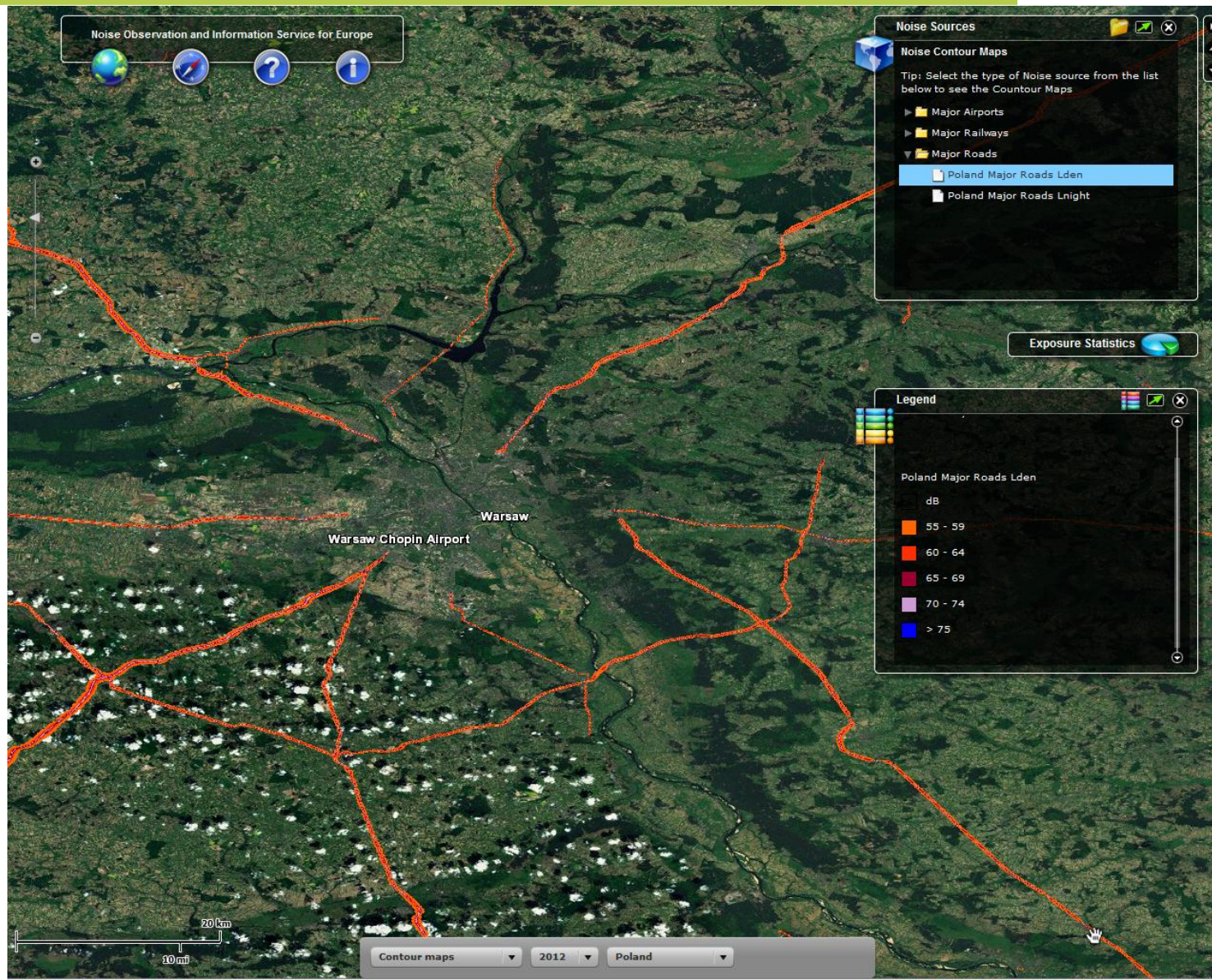
<http://NOISE.eionet.europa.eu>



Noise Observation and Information Centre for Europe



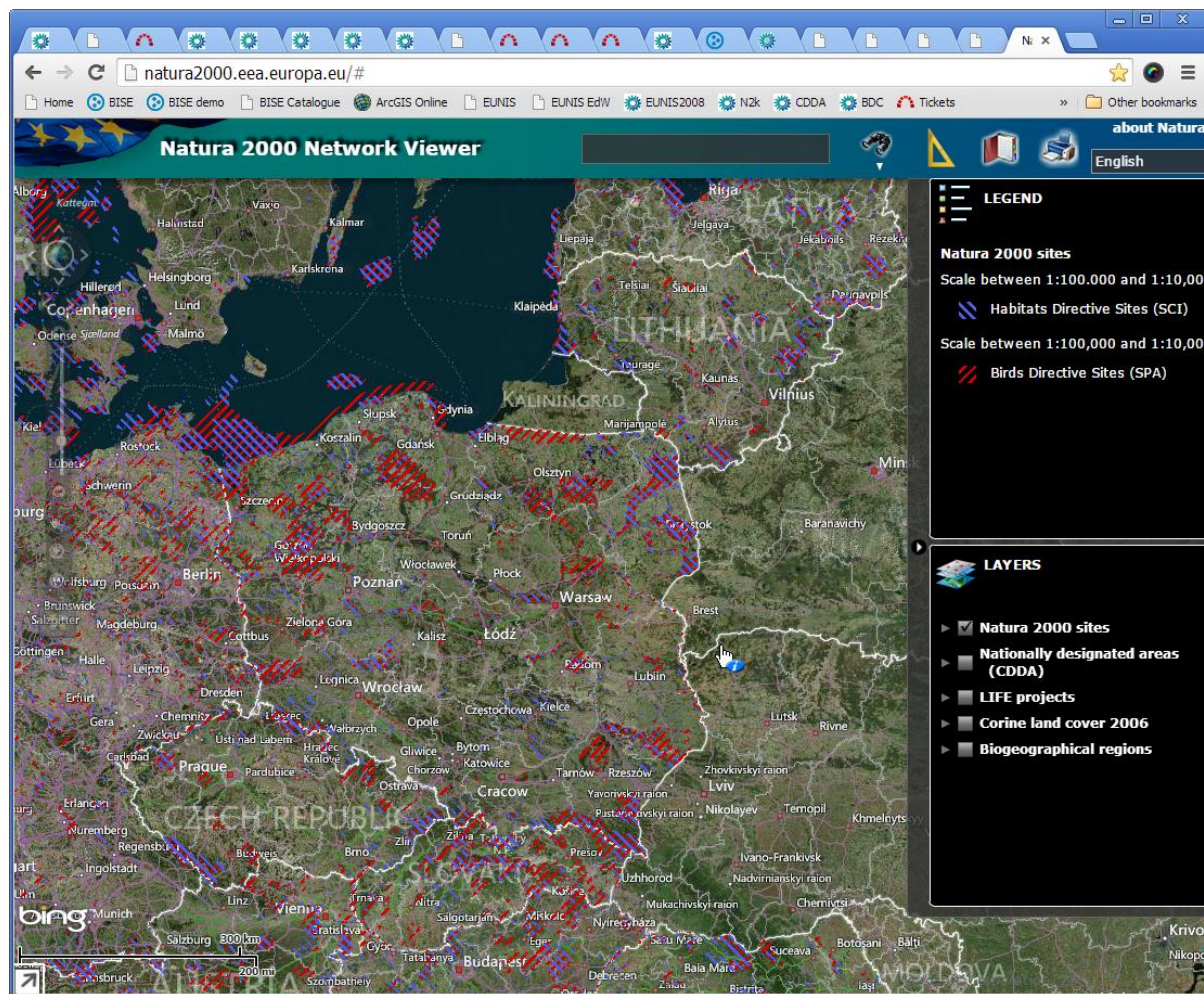
Noise Observation and Information Centre for Europe

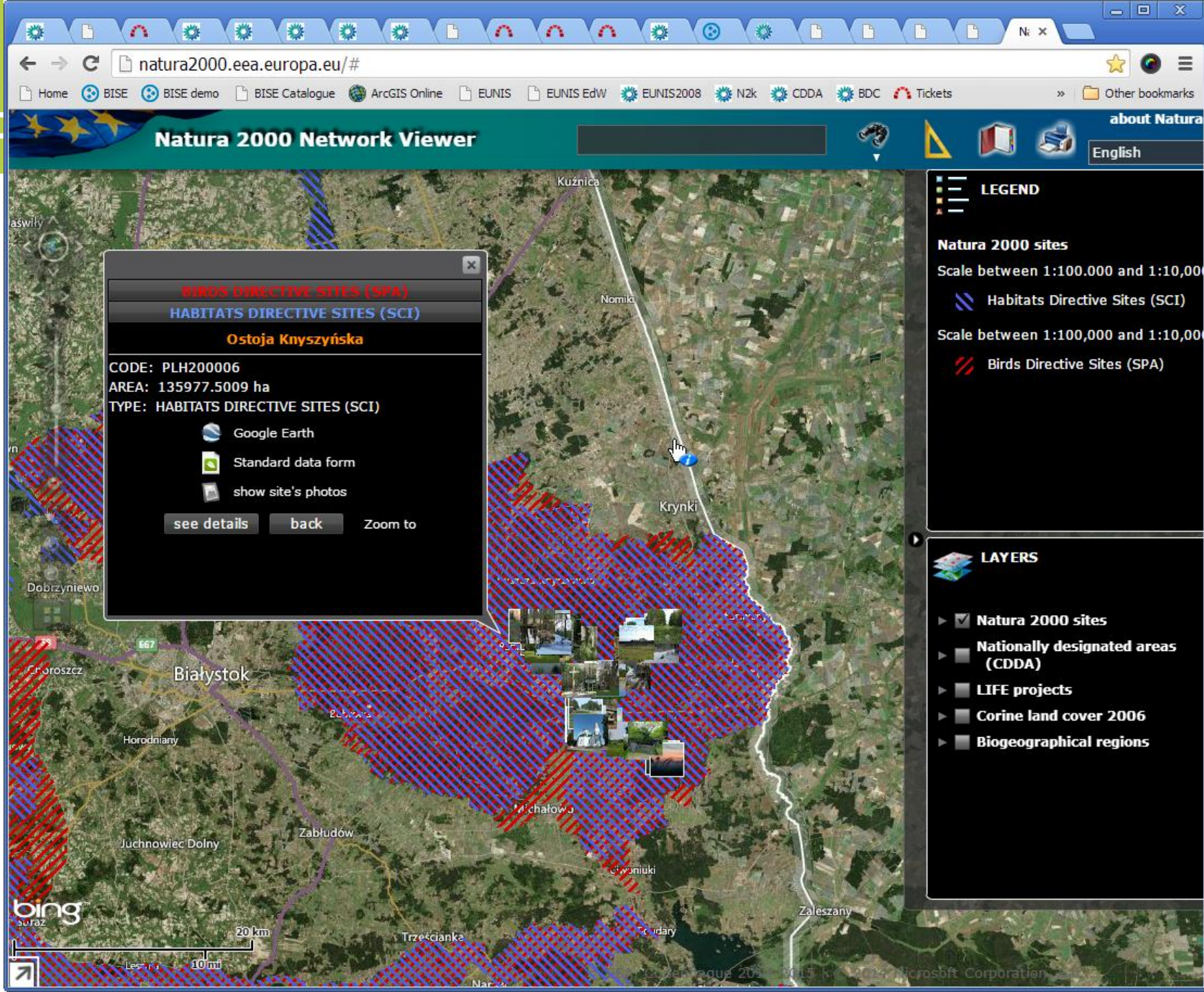


ope

Natura 2000 viewer

Natura 2000 viewer <http://natura2000.eea.europa.eu/>





Wskaźniki - EEA IMS (EEA Indicator Management System)

Firefox Indicators — European Environment Ag... +

www.eea.europa.eu/data-and-maps/indicators/#c5=8&c7=all&c0=10&b_start=0

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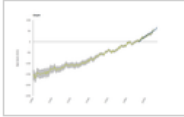
Published on

Start date

End date

Topics

△ All (177)



Global and European sea-level rise (CLIM 012) - Assessment published Sep 2014
18 Sep 2014

Global mean sea level (GMSL) has risen by 19 cm from 1901 to 2013 at an average rate of 1.7 mm/year. There has been significant decadal variation of the rate of increase but an acceleration is detectable over this period. The rate of sea level rise over the last two decades, when satellite measurements have been available, is higher at 3.2 mm/year.

Most coastal regions in Europe have experienced an increase in absolute sea level as well as in sea level relative to land, but there is significant regional variation. Extreme high coastal water levels have increased at many locations around the European coastline. This increase appears to be predominantly due to increases in mean local sea level at most locations rather than to changes in storm activity. GMSL rise during the 21st century will very likely occur at a higher rate than during 1971–2010. Process-based models



Wskaźniki - EEA IMS (EEA Indicator Management System)

- SEBI – Sstreamlining European Biodiversity Indicators
- Proces rozpoczęty w 2005 r w celu zbudowania zestawu wskaźników bioróżnorodności do oceny postępów w osiągnięciu celu powstrzymania utraty bioróżnorodności do 2010 r.
- Partnerstwo pomiędzy: EEA & ETC/BD, KE, UNEP-WCMC, PEBLDS i Republiką Czeską
- W proces zaangażowanych było prawie 150 ekspertów
- **SEBI – 26 wskaźników**

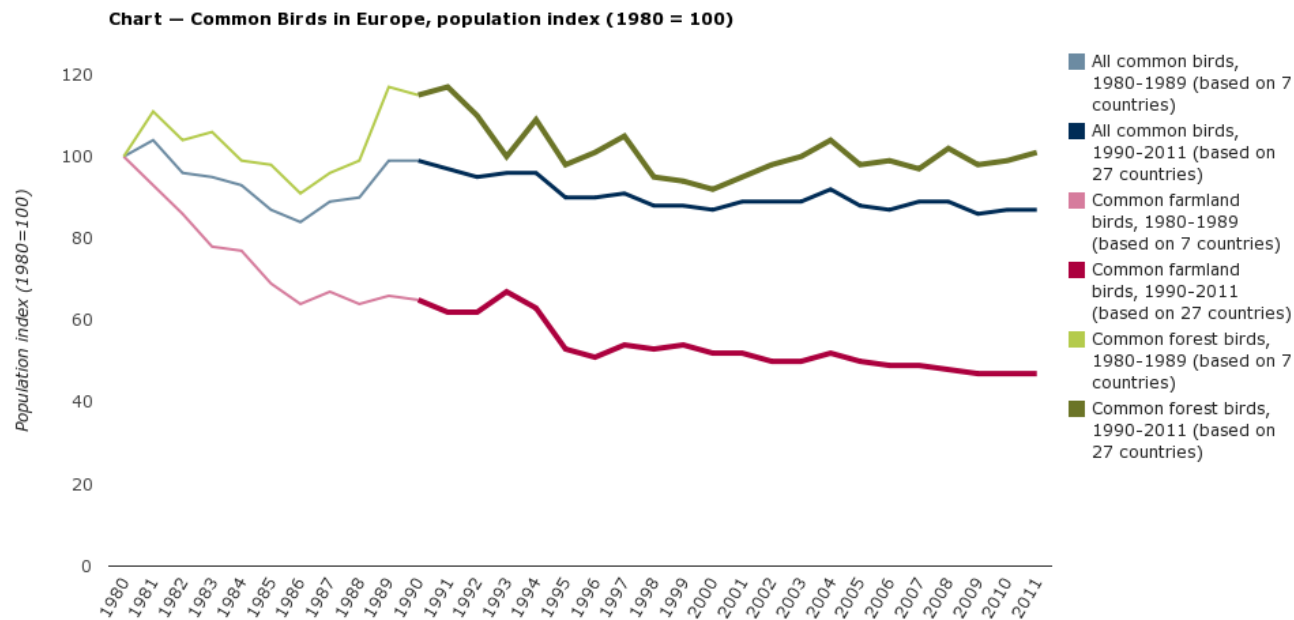
... and 26 specific indicators

1. Abundance and distribution of selected species	14. Fragmentation of river systems
2. Red List Index for European species	15. Nutrients in transitional, coastal and marine waters
3. Species of European interest	16. Freshwater quality
4. Ecosystem coverage	17. Forest: Growing stock, increment and fellings
5. Habitats of European interest	18. Forest: Deadwood
6. Livestock genetic diversity	19. Agriculture: Nitrogen balance
7. Nationally designated protected areas	20. Agriculture: Area under management practices potentially supporting biodiversity
8. Sites designated under the EU Habitats and Birds Directives	21. Fisheries: European commercial fish stocks
9. Critical load exceedance for nitrogen	22. Aquaculture: Effluent water quality from finfish farms
10. Invasive alien species in Europe	23. Ecological Footprint of European countries
11. Impact of climatic change on bird populations	24. Patent applications based on genetic resources
12. Marine Trophic Index of European seas	25. Financing biodiversity management
13. Fragmentation of natural and semi-natural areas	26. Public awareness

... and 26 specific indicators

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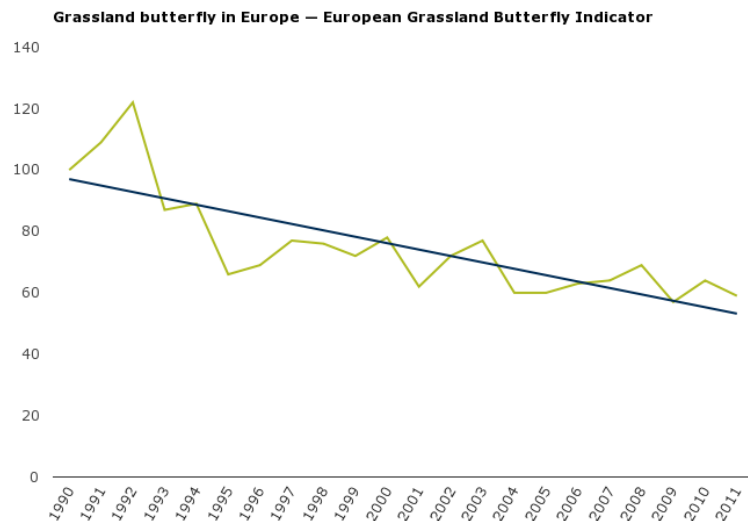
SEBI 01: Abundance and distribution of selected species / *Liczebność i rozmieszczenie wybranych gatunków*



EBCC / RSPB / BirdLife International / Statistics Netherlands

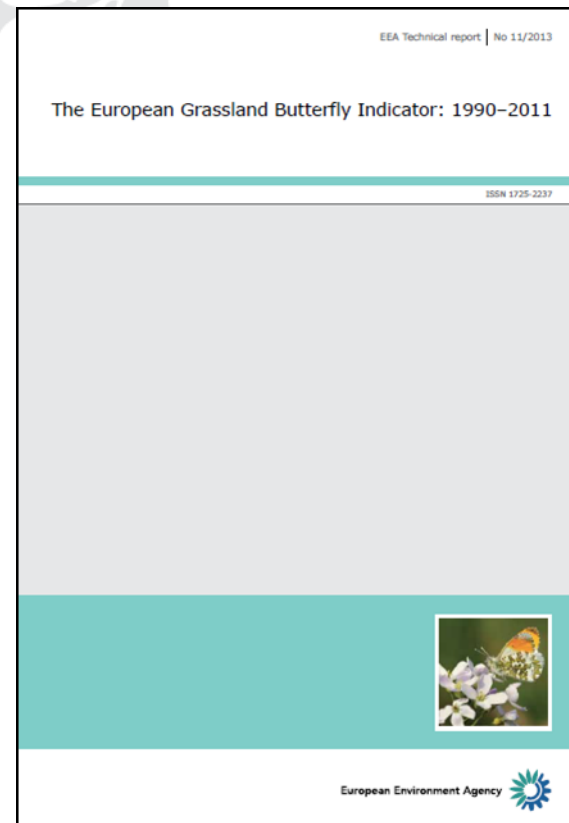
European Environment Agency 

SEBI 01: Abundance and distribution of selected species / *Liczebność i rozmieszczenie wybranych gatunków*



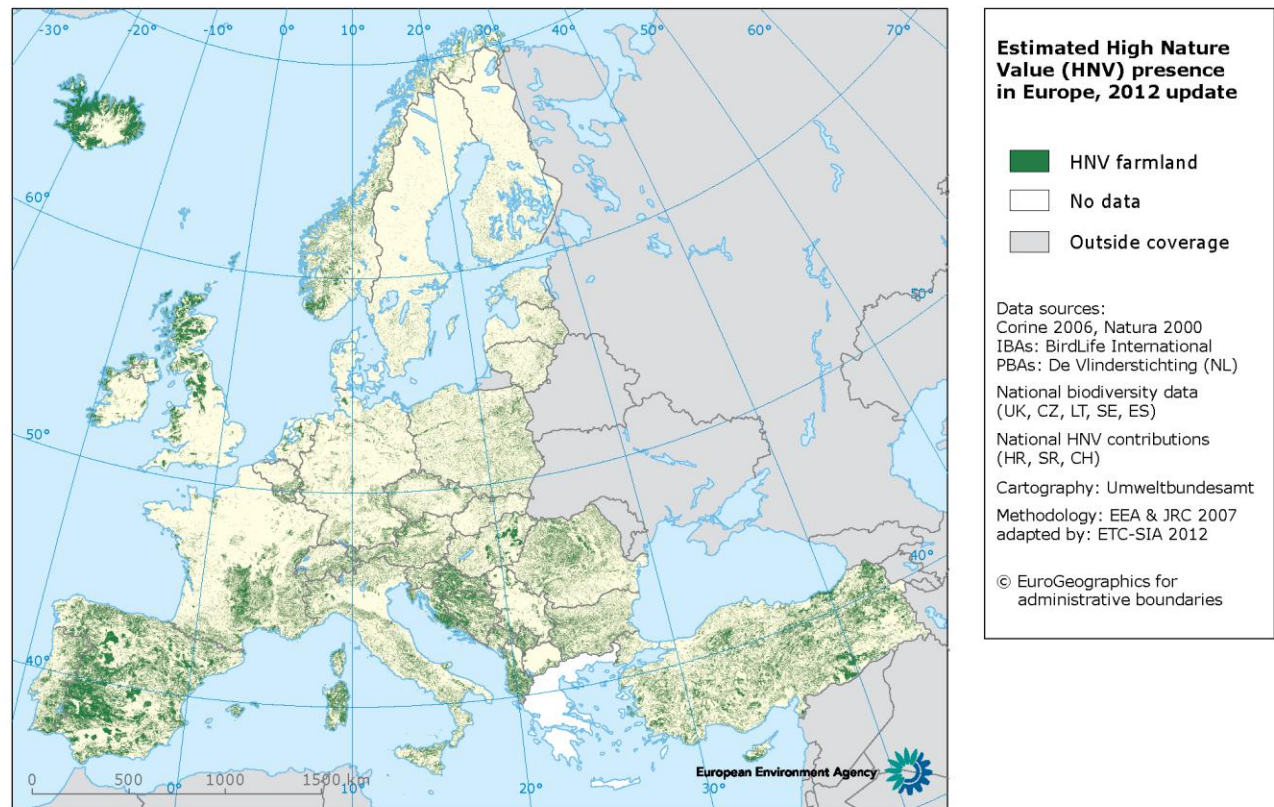
Butterfly Conservation Europe / Statistics Netherlands

European Environment Agency 



SEBI 20: Agriculture: Area under management practices potentially supporting biodiversity / *Rolnictwo: Obszary użytkowane rolniczo w sposób potencjalnie sprzyjający ochronie bioróżnorodności*

High Nature Value farmland / *obszary rolne o wysokiej wartości przyrodniczej*



Publikacje

Progress towards the European
2010 biodiversity target



EEA Report | No 5/2010

Assessing biodiversity in Europe — the 2010 report

ISSN 1725-9177



THE EUROPEAN ENVIRONMENT

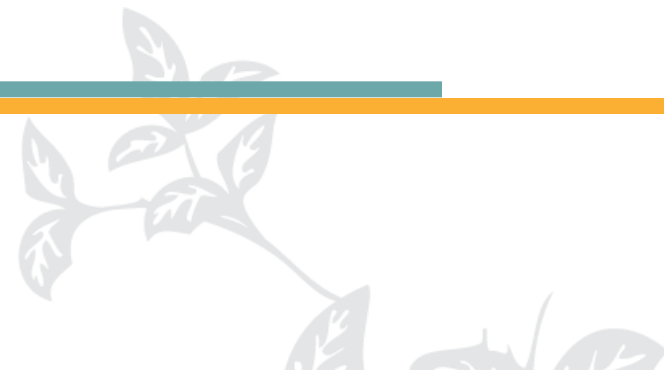
STATE AND OUTLOOK 2010

BIODIVERSITY

European Environment Agency



EU 2010 Biodiversity Baseline
Post-2010 EU biodiversity policy



10 messages for 2010
Forest ecosystems



SOER

- Co 5 lat EEA zobowiązana jest do publikacji raportu SOER
- *SOER: The European Environment. State and Outlook.* / Środowisko Europy. Stan i prognozy

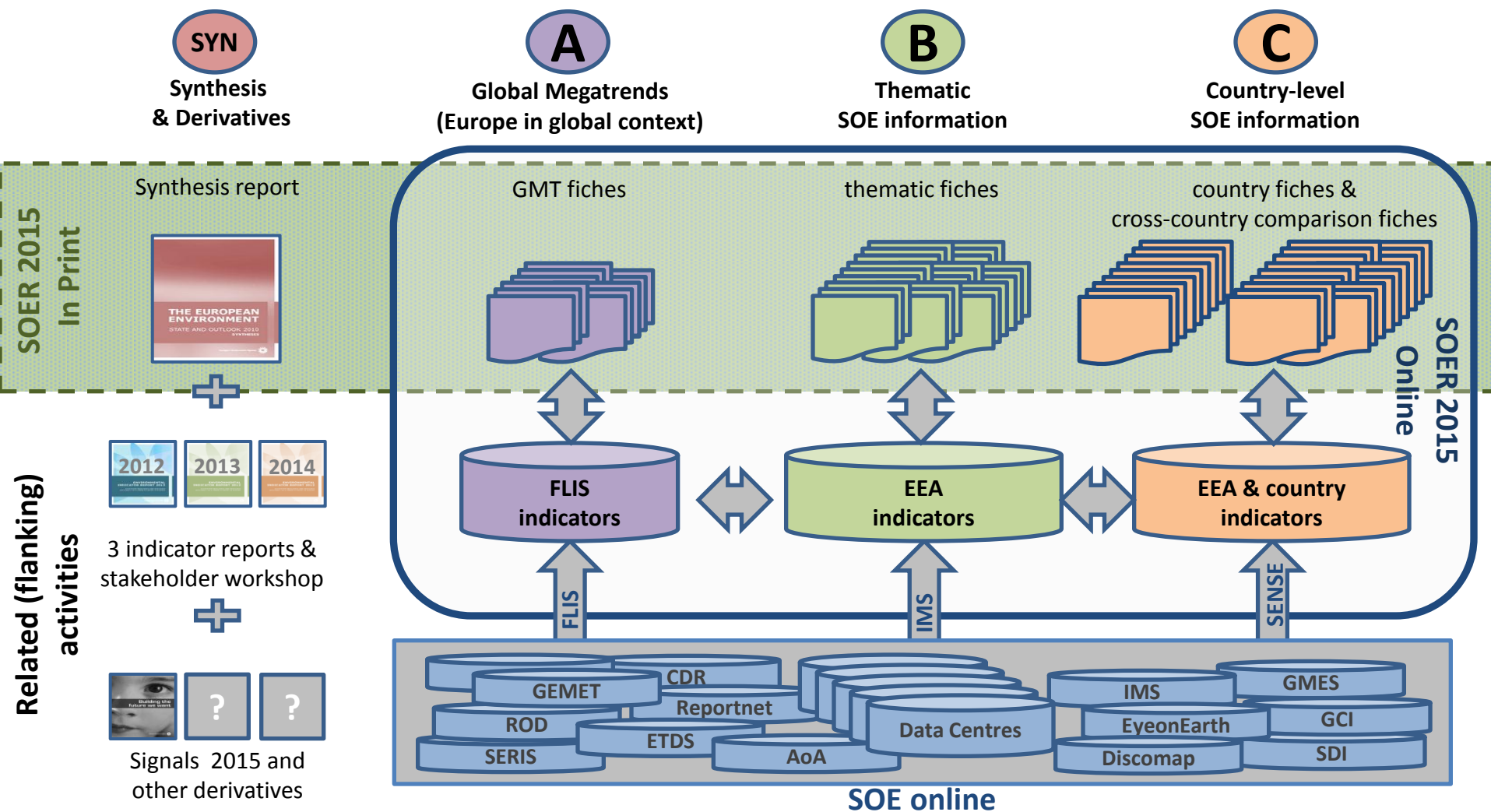
THE EUROPEAN ENVIRONMENT

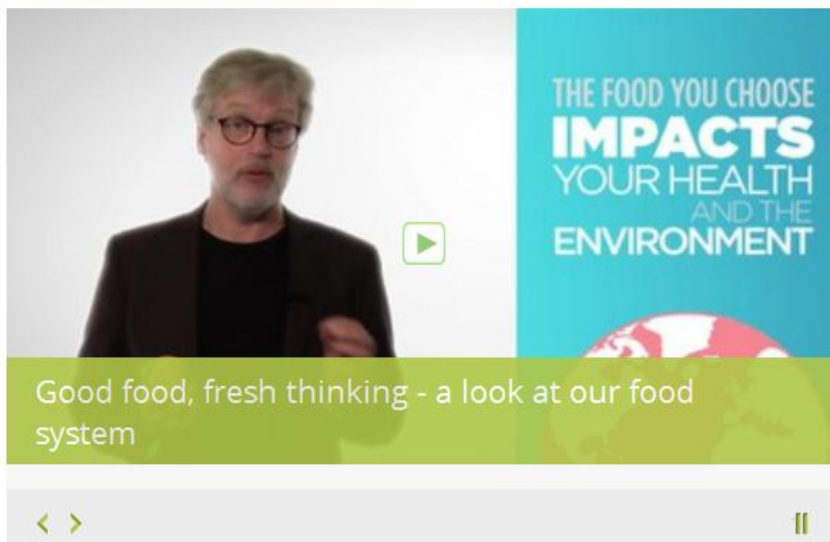
STATE AND OUTLOOK 2010
SYNTHESIS

European Environment Agency 

SOER 2015

A suite of product(s): short briefs + up-to-date indicators





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Europe successfully phasing out known ozone layer-harming chemicals

16 Sep 2014

Chemicals which damage the ozone layer continue to be phased out in the European Union, according to the latest data from the European Environment Agency (EEA).

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A strong environment as the basis for Europe's future economy

Europe selected its new policy makers. They will need to address not only today's challenges but also set in motion policies that will affect Europeans well beyond their five-year mandate. What do ...

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