

**Framework contract for Expert assistance on State of the Environment
Reporting (SOER2005) and indicator-related activities**

List of proposed EEA Core set of indicators - 2004

	Indicators for which data flows are EEA driven	Indicators for which data flows are not EEA driven	Information sources¹ (* EIONET priority data flow) ²
	Air pollution and ozone depletion		
1.	Emissions of acidifying substances		UNECE/CLRTAP/EMEP* DG Environment (NEC Directive)* EUROSTAT
2.	Emissions of ozone precursors		UNECE/CLRTAP/EMEP* UNFCCC* DG Environment (EU Monitoring Mechanism, NEC Directive)* EUROSTAT
3.	Emissions of primary particulates and secondary particulate precursors		UNECE/CLRTAP/EMEP* DG Environment (NEC Directive)* EUROSTAT
4.	Exceedance of air quality limit values in urban areas		DG Environment (Exchange of Information Decision), Airbase* EUROSTAT (GISCO)
5.	Exceedance of air quality limit values in rural areas	Exceedance of air quality limit values in rural areas	DG Environment (Exchange of Information Decision), Airbase* UNECE/CLRTAP/EMEP/CCE RIVM (to be replaced from 2004 by EEA Corine Land Cover*)
6.		Consumption of ozone depleting substances	UNEP DG Environment
	Biodiversity		
7.		Threatened and protected species	IUCN (World Conservation Union); Council of Europe/Bern convention; DG Environment (Habitats and Birds Directives)
8.	Designated areas		Council of Europe UNEP/WCMC (World Conservation Monitoring Centre) EEA, CDDA* (EEA collection of original data) DG Environment (Habitats and Birds Directives)
9.		Species diversity	European Bird Census Council (EBCC) Royal Society for the Protection of Birds (RSPB)/ Birdlife International/ Wetlands International
	Climate Change		
10.	Greenhouse gas emissions and removals		UNFCCC* DG Environment (EU GHG Monitoring Mechanism)* UNECE/CLRTAP/EMEP*
11.	Projections of greenhouse gas emissions and removals and policies and measures		UNFCCC* DG Environment (EU GHG Monitoring Mechanism)*

12.		Global and European temperature	Climate Research Unit (CRU), University of East Anglia; Netherlands Meteorological Institute (KNMI)
13.		Atmospheric greenhouse gas concentrations	PCC (Inter governmental panel on climate change) SIO (Scripps Institution of Oceanography) ALE/GAGE/AGAGE (Atmospheric Lifetime Experiment/ Global Atmospheric Gases Experiment/ Advanced Global Atmospheric Gases Experiment) NOAA/CMDL (National Oceanic and Atmospheric Administration / Climate Monitoring and Diagnostics Laboratory)
	Terrestrial		
14.	Land take	Land take	EEA (Corine Land Cover*) EUROSTAT, DG TREN, TeleAtlas (tbc)
15.	Progress in management of contaminated sites		EEA (contaminated sites*)
	Waste		
16.		Municipal waste generation	EUROSTAT
17.		Generation and recycling of packaging waste	DG Environment
	Water		
18.		Use of freshwater resources	EUROSTAT FAO World Bank
19.	Oxygen consuming substances in rivers		EEA (Eurowaternet)*
20.	Nutrients in freshwater		EEA (Eurowaternet)*
21.		Nutrients in transitional, coastal and marine waters	HELCOM OSPAR UNEP MAP Black Sea Environmental Programme
22.		Bathing water quality	DG Environment
23.		Chlorophyll in transitional, coastal and marine waters	HELCOM OSPAR UNEP MAP Black Sea Environmental Programme
24.		Urban waste water treatment	EUROSTAT DG Environment
	Agriculture		
25.		Gross nutrient balance	EUROSTAT
26.		Area under organic farming	Organic Centre of Wales
	Energy		
27.		Final energy consumption	EUROSTAT
28.		Total energy intensity	EUROSTAT
29.		Total energy consumption	EUROSTAT
30.		Renewable energy consumption	EUROSTAT
31.		Renewable electricity	EUROSTAT
	Fisheries		
32.		Status of marine fish stocks	ICES (International Council for the Exploration of the Seas) ICCAT / GFCM (International Commission for the Conservation of Atlantic Tuna /General Fisheries Commission for the Mediterranean)

			FAO (Fishstat Plus) OSPAR MEDITS (Mediterranean Marine Science) Individual study Papaconstantinou
33.		Aquaculture production	EUROSTAT FAO (FISHSTAT Plus) OSPAR HELCOM
34.		Fishing fleet capacity	EUROSTAT DG Fisheries FAO
	Transport		
35.		Passenger transport demand	EUROSTAT, DG-TREN, UNECE, European Conference of Ministers of Transport (ECMT)
36.		Freight transport demand	EUROSTAT, DG-TREN, European Conference of Ministers of Transport (ECMT), UNECE
37.		Use of cleaner and alternative fuels	EUROSTAT

- 1 Some sources have been used to fill the gap for country coverage (mostly outside EU). Others have been used as a secondary data source (for example for intensity/per GDP).
- 2 In some EIONET priority data flows, EEA collects and manages data directly from the countries (Eurowaternet, CDDA, Corine land cover, contaminated sites). In a second group of EIONET priority data flows, EEA collects and manages the data on behalf of the Commission (for example: Exchange of Information Decision, EU Greenhouse Gas Monitoring Mechanism). In the final group of EIONET priority data flows, EEA encourages and supports countries to deliver data to the Conventions (for example: CLRTAP, UNFCCC).