

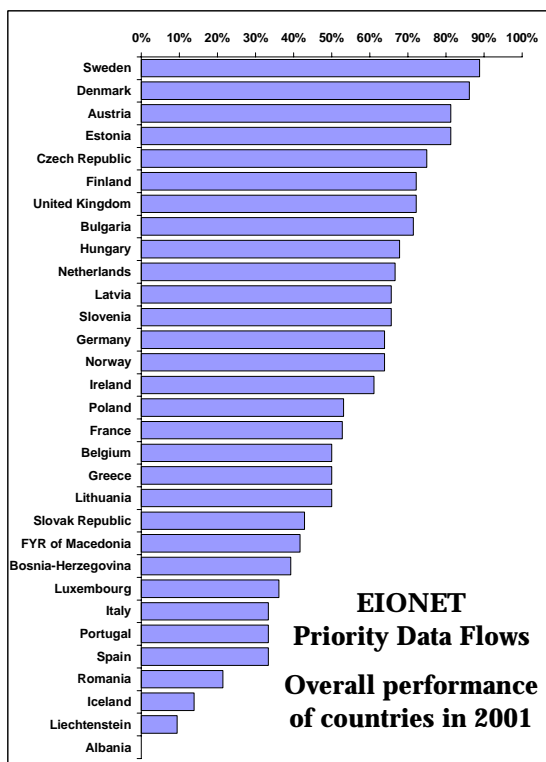
EIONET Priority Data Flows 2001

Fifth Progress Report to the Management Board

prepared by

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EEA, Copenhagen – May 2002



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Foreword by the Executive Director

Dear Colleagues,

I would like to present the fifth progress report on EIONET priority data flows. The EIONET priority data flows focus on agreed, stable, well-defined objectives in order to allow countries to focus their resources to put regular data reporting procedures in place. I hope that you will consider the analysis for your country while thinking about how this data is used. The Agency has now published the third version of Environmental signals. We have observed the reaction to the first appearance of environmental sustainability structural indicators in the Spring synthesis report at Barcelona. They received lower consideration because, being from 1999, they were “too old”. So this is our biggest challenge, and a must for integration, we have to be as up-to-date as the socio-economic indicators. The environmental indicators in these reports cannot be better or more timely than the data, which underlies the assessment: the data that is provided by your national systems.

Furthermore, I think it is a good moment to reflect on the recommendations from the recent EEA Management Board seminar on “Streamlining reporting” and to ask if we are “putting our money where our mouths are”.

Progress has been assessed in 9 priority areas. Information on two additional data flows has also been provided for your information. Ten of our new member countries and three collaborating countries have been included in the analysis for a number of the priority data flows so we are looking at data flows from 31 countries in Europe.

My congratulations for the best performance this time goes to Sweden. Here we have a fine example of how an internal national review following the previous EIONET progress report leads to an improved performance, which should be sustainable in future. Austria, Denmark, Estonia and the UK maintain their consistently good performance but now they also face strong competition for the top places from Finland, Bulgaria and the Czech Republic. It is encouraging to see that the number of new countries at or above 50% has increased from 3 in 2000 to 8 in 2001. However the problems, which prevent 4 EU countries from achieving even 40% in key environmental areas must be identified and confronted at national level.

The Agency and its Topic Centres will support you and your National Focal Points and National Reference Centres in your efforts to provide good quality and timely data. Please make your needs known.

And you also should be aware of the fact that this report being now mature enough and should not only be addressed to the Management Board but sent to interested Institutions like the European Commission, the European Parliament and made public to make them aware of the efforts needed to improve the situation. It should become a plus for countries and not a minus.

You can find more details in the attached summaries of country performance.

Yours sincerely,



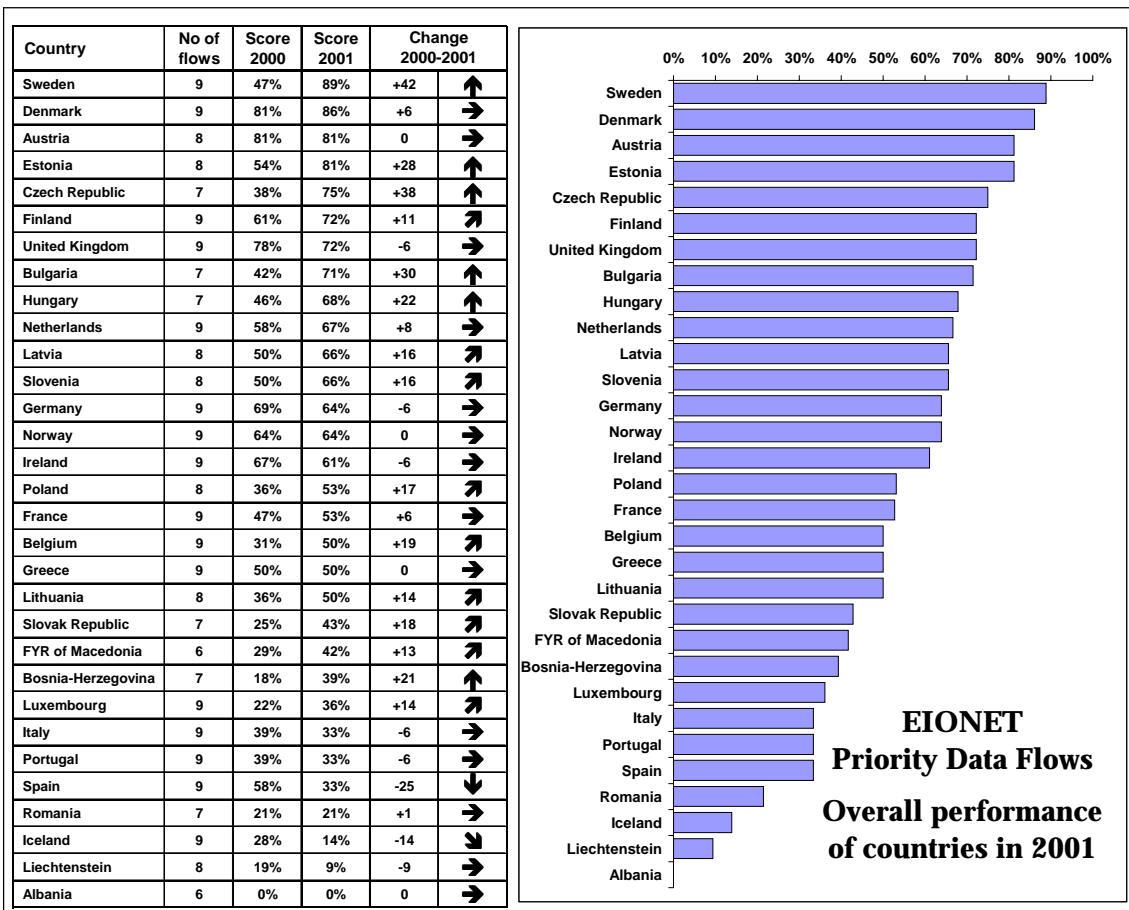
Domingo JIMENEZ-BELTRAN
Executive Director

Overall performance of countries

EIONET Priority Data Flows 2001: Summary of performance

- Best performers: **Sweden**, Denmark, Austria and Estonia;
- 8 countries (including 3 new member countries) above 70%;
- 15 countries have improved their performance since the last report; improvement not restricted to the top performers.
- Most improvement since December 2000:
Sweden (+ 42), Czech Republic (+ 38);
- 4 EU and 2 EFTA countries under 40%: Liechtenstein, Luxembourg, Iceland, Italy, Portugal, Spain;

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Summary table of country performance by data flow

						EIONET Priority Data Flows									For information only	
Country	No of flows	Score 2000	Score 2001	Change 2000-2001		CLRTAP data	UNFCCC & GHG data	Eol data	Ozone data	Designated areas	River quality	Lake quality	Groundwater quality	Access to marine data	CLC 2000 update	Contaminated soil data
Albania	6	0%	0%	0	→	☹️	n/a	☹️	n/a	n/a	☹️	☹️	☹️	☹️	n/a	n/a
Austria	8	81%	81%	0	→	😊😊😊	😊😊	😊😊😊	😊😊😊	😊😊	😊😊	😊	😊😊	n/a	😊😊😊	😊😊😊
Belgium	9	31%	50%	+19	↗️	😊😊	😊😊	😊😊😊	😊😊😊	😊	☹️	☹️	😊	☹️	😊😊😊	😊😊😊
Bosnia-Herzegovina	7	18%	39%	+21	↗️	☹️	☹️	😊😊	n/a	n/a	😊😊	☹️	😊	😊😊	n/a	n/a
Bulgaria	7	42%	71%	+30	↗️	😊	😊	😊	😊😊😊	n/a	😊😊	😊😊	😊😊😊	n/a	😊😊	n/a
Czech Republic	7	38%	75%	+38	↗️	😊😊	😊😊	😊😊😊	😊😊😊	n/a	😊	😊	😊😊	n/a	😊😊	n/a
Denmark	9	81%	86%	+6	→	😊😊😊	😊😊😊	😊😊😊	😊😊😊	😊😊😊	😊😊😊	😊😊	😊	😊😊😊	😊😊	😊😊
Estonia	8	54%	81%	+28	↗️	😊😊	😊😊😊	😊😊😊	😊	n/a	😊😊	😊😊	😊😊😊	😊😊😊	😊😊	n/a
Finland	9	61%	72%	+11	↗️	😊	😊😊😊	😊😊😊	😊😊😊	😊	😊😊	😊	😊	😊😊😊	😊😊😊	😊😊😊
France	9	47%	53%	+6	→	☹️	😊😊😊	😊	😊	😊😊	😊😊😊	😊	☹️	😊	😊😊	😊😊
FYR of Macedonia	6	29%	42%	+13	↗️	☹️	☹️	😊	n/a	n/a	😊😊	😊😊	😊	n/a	n/a	n/a
Germany	9	69%	64%	-6	→	☹️	☹️	😊😊	😊😊😊	😊😊😊	😊😊😊	😊😊	😊😊	😊😊😊	😊😊😊	😊😊😊
Greece	9	50%	50%	0	→	☹️	☹️	😊	😊😊😊	😊	😊😊	😊	😊	😊😊😊	😊😊	😊😊😊
Hungary	7	46%	68%	+22	↗️	☹️	😊😊	😊😊😊	😊😊😊	n/a	😊😊	😊	😊😊😊	n/a	😊😊	n/a
Iceland	9	28%	14%	-14	↘️	☹️	☹️	☹️	☹️	😊😊	☹️	😊	☹️	☹️	n/a	😊😊😊
Ireland	9	67%	61%	-6	→	😊	😊	😊	😊😊😊	😊😊	😊	😊	😊	😊😊😊	😊😊😊	😊😊😊
Italy	9	39%	33%	-6	→	☹️	☹️	😊	😊😊😊	😊😊	☹️	☹️	☹️	😊😊😊	😊😊😊	😊😊😊
Latvia	8	50%	66%	+16	↗️	☹️	😊😊	😊	😊😊😊	n/a	😊😊	😊	😊😊😊	😊😊😊	😊😊😊	n/a
Liechtenstein	8	19%	9%	-9	→	☹️	☹️	☹️	☹️	😊😊	☹️	☹️	☹️	n/a	😊😊	😊😊
Lithuania	8	36%	50%	+14	↗️	☹️	☹️	😊😊	😊😊😊	n/a	😊😊	😊	😊😊😊	☹️	😊😊	n/a
Luxembourg	9	22%	36%	+14	↗️	😊	😊	☹️	😊😊😊	😊	☹️	☹️	☹️	😊😊😊	😊😊😊	☹️
Netherlands	9	58%	67%	+8	→	😊😊	😊😊😊	😊😊😊	😊😊😊	☹️	😊	😊	😊	😊😊😊	😊😊😊	😊😊😊
Norway	9	64%	64%	0	→	😊😊	😊😊	😊😊	😊😊😊	😊😊	😊	😊	☹️	😊😊😊	n/a	😊😊
Poland	8	36%	53%	+17	↗️	😊😊	☹️	😊😊😊	😊😊	n/a	😊😊	😊	😊	☹️	😊😊😊	n/a
Portugal	9	39%	33%	-6	→	☹️	☹️	😊😊	😊😊😊	😊😊	☹️	😊	☹️	☹️	😊😊	😊😊
Romania	7	21%	21%	+1	→	☹️	☹️	😊	☹️	n/a	😊	😊	☹️	n/a	😊😊😊	n/a
Slovak Republic	7	25%	43%	+18	↗️	☹️	☹️	😊😊😊	😊😊😊	n/a	😊	☹️	😊	n/a	😊😊😊	n/a
Slovenia	8	50%	66%	+16	↗️	😊	😊😊	😊	😊	n/a	😊😊	😊	😊😊😊	😊😊😊	😊😊😊	n/a
Spain	9	58%	33%	-25	↘️	☹️	☹️	😊	😊	😊	😊	😊	😊	☹️	😊😊😊	😊😊😊
Sweden	9	47%	89%	+42	↗️	😊😊	😊😊😊	😊😊😊	😊😊😊	😊😊😊	😊😊	😊😊	😊😊😊	😊😊😊	😊😊😊	😊😊😊
United Kingdom	9	78%	72%	-6	→	☹️	😊😊😊	😊😊😊	😊😊😊	😊😊😊	😊😊	😊	😊	😊😊😊	😊😊😊	😊😊😊

Evaluation approach: For each data flow, the maximum score is 😊😊😊 and the minimum score is ☹️. For more information, please see the definition of individual scoring criteria per data flow in this report.

Score (numerical): A point is awarded for each 😊 and a point deducted for each ☹️.

Score (in %): Minimum score = 0%; Maximum score = 100%. Minimum and maximum are country specific as the number of analysed data flows varies per country.

A result of 0% means that no data has been delivered at all for EIONET Priority Data Flows. A result of 100% would mean that complete data sets for all EIONET Priority Data Flows have been delivered on time.

n/a Not applicable. Mainly because country not (yet) involved in a data flow area. Some countries are not party to relevant marine conventions.

Performance by data flow

CLRTAP

EEA countries were required, as previously, to post their official submission under the Convention on Long Range Transboundary Air Pollution on their EIONET servers or on a named internet site.

This data flow still needs a lot of attention: only 5 countries met the deadline of 31/01/2002. 5 further countries delivered with only a slight delay. Many countries were significantly late or have still not delivered.

UNFCCC and GHG data

Countries were required, as previously, to post their official submission under the EU Greenhouse Gas Monitoring Mechanism / UN Framework Convention on Climate Change on their EIONET servers or on a named internet site. Electronic deliveries under the Guidelines for the Monitoring Mechanism as agreed by its Committee meeting in September 2000 were also accepted under the criteria for 2001.

The 2001 assessment has been revised in order to synchronise with the official timetables for data delivery. The deadlines applied are therefore:

- EU Member States: 31/12/2001
- Candidate Countries: 31/3/2002
- Other countries: 15/4/2002

11 countries delivered by the relevant deadline and 3 countries were slightly delayed. 6 EU countries however delivered with a marked delay this time: Germany, Greece, Italy, Luxembourg, Portugal and Spain.

8 countries have not yet made their data available: Bosnia and Herzegovina, FYR of Macedonia, Iceland, Liechtenstein, Lithuania, Poland, Romania, Slovak Republic.

Exchange of Air Quality Information (EoI) Decision

In this priority data flow area the countries were asked to deliver the 2000 data by 1 October 2001. The scoring is based on timeliness of reporting and on availability of time series data in AIRBASE for SO₂, NO₂ and Particulate Matter.

As the 2001 assessment shows, this data flow is now well managed by most countries. 18 countries delivered before the deadline with 7 further countries within less than 1 week's delay.

3 countries delivered late: Greece, Romania and Spain.

4 countries did not deliver data: Albania, Iceland, Liechtenstein and Luxembourg.

Performance by data flow

Ozone data

Reporting of ozone data for the annual reference period according to Directive 92/72/EEC has been assessed for the first time in 2001. The results were encouraging: 23 countries delivered data on time.

2 countries delivered late: France, Slovenia.

3 countries did not deliver data: Iceland, Liechtenstein and Romania.

12 countries provided extra voluntary information on NO_x, NO₂ or VOC.

EUROWATERNET (EWN)

Separate scores are given for EWN-Rivers, EWN-Lakes and EWN-Groundwater. The scoring is based on identification of river and lake stations and groundwater bodies using EWN criteria, and delivery of water quality data. Most developed area is the data collection for rivers, followed by groundwater and lakes.

River data

17 countries delivered data on time and 6 delayed deliveries arrived between January and April 2002. The response rate in 2001 was better in the former Phare country group (10 replies from 13 countries). 3 countries made first deliveries: Bosnia and Herzegovina, FYR of Macedonia and Romania. 8 countries have not yet implemented EWN-Rivers.

Lake data

13 countries delivered data on time and 3 data deliveries arrived with delay (Denmark, Netherlands and Austria). The response rate in 2001 was better in the former Phare country group (7 replies from 13 countries). Greece made its first delivery for EWN-Lakes. 7 countries have not yet delivered any lake data for EUROWATERNET.

Groundwater data

12 countries delivered data on time. 4 delayed deliveries arrived between January and March 2002 (Slovak Republic, Denmark, Belgium, Netherlands). The response rate was better in the former Phare country group (10 replies from 13 countries). 4 countries made first data deliveries: Czech Republic, FYR of Macedonia, Slovak Republic and Belgium. 9 countries have not yet delivered any groundwater data.

Nationally designated areas (CDDA data)

Five additional countries have now reviewed and improved the quality of their data: Germany, Ireland, Italy, Sweden and United Kingdom.

In late 2001, this data flow was extended to the countries of the former Phare group. Data are already being delivered but because of the project timing, assessment in this progress report has been confined to the original 18 member countries.

Performance by data flow

Marine Data

The only criteria used here was whether the data delivered to Marine Conventions (OSPAR, HELCOM and UNEP/MAP) can be accessed by EEA.

The progress in this data flow area was in 2001: Formal replies received from Finland, Netherlands, Slovenia and Sweden. Relevant marine data was provided by Italy.

Additional data flow areas (for information only)

An agreed process for widening the scope of the priority data flows assessment exercise is not yet in place. It is expected that the process will emerge as a by-product of the wider discussion on regular indicator-based reporting.

Progress in two additional areas relating to Terrestrial Environment has therefore been provided for your information but the scores have not been included in the overall assessment.

CLC 2000 update

The update of Corine Land Cover (CLC 2000) is an important and expensive exercise to make available objective data according to a common methodology for a large part of Europe. In order to achieve the goal, all parties in the project must make an effort to respect the agreed project timetable. At the target date of 31/12/2001, the Agency had received written intent to participate in the project from 26 countries. Iceland and Norway had not expressed interest in participating by that date.

Contaminated soil data

There is an increasing focus on soil at the European level: a thematic strategy is being prepared under the Sixth Environment Action Programme. Part of the work envisaged is “to establish with Member States a complete picture of the extent of soil contamination throughout the enlarged European Union” ([Commissioner Wallström April 2002](#)). The Agency has been working with EIONET on soil contamination from local sources since 1997. The results of the 2001 data flow from the 18 original member countries have been monitored for your information. 12 countries provided data on time and 2 further countries delivered after a slight delay. 4 countries did not react (Luxembourg, Liechtenstein, Norway and Portugal). This data flow has been extended to 10 of the Candidate Countries in 2002.

Objectives and timetable for priority data flows

Common objectives for EIONET data flows

1. to enhance co-operation and *streamlining of reporting* between actors at international level;
2. to facilitate *timely* EEA support to the Commission and member countries on reporting under EU and international legal obligations;
3. to use already reported data for EEA reporting so as to *avoid duplication* of effort and promote *multiple and consistent use* of official data at the international level;
4. to enhance data quality through *validation by EIONET* (NFPs and NRCs) and *transparency* (opening up the reporting systems using EIONET servers).

Timetable for EIONET Data Flows 2001

Validated ozone data for previous year	14 Aug 2001
Exceedance ozone data for current year	17 Sep 2001
Exchange of Information (EoI) data	01 Oct 2001
Marine data	31 Dec 2001
EWN: Rivers, Lakes and Groundwater data	31 Dec 2001
Nationally designated areas (CDDA data)	31 Dec 2001
UNFCCC and GHG data (EU Member States)	31 Dec 2001
CLRTAP data	31 Jan 2002
UNFCCC and GHG data (EU Candidate Countries)	31 Mar 2002
UNFCCC and GHG data (other countries)	15 Apr 2002

<i>CLC 2000 update progress</i>	<i>31 Dec 2001</i>
<i>Contaminated soil data</i>	<i>31 Dec 2001</i>

History and background material

The first progress report on data flow priorities was presented to the Management Board in March 1999.

The second report was sent together with a cover letter from the Executive Director in December 1999. In the letter it was indicated that the Agency would move to regular data flow monitoring on a 6-monthly basis.

The third progress report analysed the progress with priority data flows by June 2000. It was sent to the Management Board in August 2000.

The fourth progress report described progress with priority data flows by December 2000. It was prepared in April 2001.

The present fifth progress report to the Management Board describes the progress with EIONET data flows in 2001.

A first analysis was prepared in January 2002 and presented to the NFP/EIONET meeting. Constructive comments were received from NFPs and EEA Topic Teams. It was pointed out that the Commission had invited Candidate Countries to provide data and information under the Greenhouse Gas Monitoring Mechanism by 31 March 2002 and that countries who are neither EU Member States nor Candidate Countries must report to the UN Framework Convention on Climate Change by 15 April 2002. Therefore the assessment was recalculated at the end of April.

The final version of the report was then prepared in May 2002. A slideshow has as well been prepared which National Focal Points may wish to use in discussions with their national network.





In order to make the analytical process transparent, all the reports and related background material (slideshows, details of analysed data flows by country, etc.) are available in electronic form in the [CIRCLE Interest Group for NFP/EIONET](#).

Criteria for scoring: CLRTAP data

Scoring criteria based on completeness of time series of requested pollutants included in national submission under the UNECE Convention on Long-Range Transboundary Air Pollution (CLRTAP).

It is critical for the EIONET priority data flow that a copy of the national submission is made available electronically in good time. Either of the following methods is acceptable:

- uploaded to national EIONET server;
- posted on an agreed internet site.

Related regular EEA products	Annual European Community CLRTAP emission inventory: 1980-98 EEA Data service: Acidification , Ozone precursors TERM 2000: Indicator 3: Air emission TERM 2001: Environmental consequences of transport Signals 2000: 3 Energy use , 4 The energy sector , 5 Transport , 7 Industry , 10 Air pollution Signals 2001 and 2002: Air Quality
	Complete time series made available from 1980 to 2000 for all pollutants SO ₂ , NO _x , CO, NMVOC, NH ₃ by 31/01/2002.
	Only minor gaps in time series made available and/or delay not more than 4 weeks.
	Some major gaps in time series made available and/or delay not more than 6 weeks.
	Few years / pollutants made available and/or delay more than 6 weeks.

Criteria for scoring: UNFCCC and GHG data

Scoring criteria based on completeness of time series of requested pollutants included in national submission under Council Decision 1999/296/EC (Monitoring Mechanism of Community CO₂ and other greenhouse gas emissions) or under the Convention.

It is critical for the EIONET priority data flow that a copy of the national submission is made available electronically and in good time. Any of the following methods are acceptable:





- uploaded to national EIONET server;
- posted on an agreed internet site;
- sent by email to the European Commission, DG Environment (with a copy to EEA and ETC/ACC).

The initial assessment has been revised in late April 2002 in order to synchronise with the official timetables. The deadlines applied are therefore:





EU Member States: 31/12/2001

Candidate Countries: 31/03/2002





Other countries: 15/04/2002

Related regular EEA products	Annual European Community Greenhouse Gas Inventory (Submission to UNFCCC): 1990-96 1990-98 1990-99 1990-2000 EEA Data service: Trend in emissions of greenhouse gases TERM 2000: Indicator 3: Air emissions TERM 2001: Environmental consequences of transport Signals 2000: 3 Energy use , 4 The energy sector , 5 Transport , 7 Industry , 8 Climate change Signals 2001 and 2002: Climate Change
	Complete time series made available from 1990 to 2000 for all pollutants requested by data flow project: CO ₂ , CH ₄ , N ₂ O, HFC, PFC, SF ₆ Nox, CO, NMVOC made available by the appropriate deadline.
	Only minor gaps in time series made available and/or delay or less than 4 weeks.
	Some major gaps in time series made available and/or delay of no more than 6 weeks.
	Few years / pollutants made available or delay of more than 6 weeks.

Criteria for scoring: EoI data

Scoring criteria based on timeliness of reporting in latest year and availability of time series data in AIRBASE for SO ₂ , NO ₂ , raw ozone data and Particulate Matter (Black Smoke, TSP or PM ₁₀). Use of DEM also desirable but not essential criterion.	
Related regular EEA products	AIRBASE: Regularly updated air quality data TERM 2000: Indicator 3: Exceedance of air quality standards TERM 2001: Environmental consequences of transport Signals 2000: 10. Air pollution Signals 2001 and 2002: Air pollution
	2000 data delivery in time and good data availability for SO ₂ , NO ₂ , Ozone, Black Smoke, TSP or PM ₁₀ in earlier years.
	2000 data delivery in time i.e. before the official deadline: 1 October 2001
	2000 data delivery delayed.
	No 2000 data delivery and no (or only very few) time series in AIRBASE.

Criteria for scoring: Ozone data





Scoring is based on ozone data reported for the annual reference period according to Directive 92/72/EEC. Most important criterion is the timeliness of reporting. The maximum score is only given when additional information is provided together with the ozone data.	
Related regular EEA products	ETC Website: Validated 1996, 1997, 1998, 1999 and 2000 ozone data Annual ozone reports: 1996 1997 1998 1999 2000 2001 TERM 2000: Indicator 3: Exceedance of air quality standards TERM 2001: Environmental consequences of transport Signals 2000: 10. Air pollution Signals 2001 and 2002: Ozone
	Data delivered in time and additional information on station type, altitude of stations, NO _x and VOC data provided.
	Data delivery in time: Validated ozone 2000 data should be forwarded before 14 August 2001. Exceedance data for the period April-August 2001 should be reported before 17 September 2001.
	Data delivery delayed.
	No data delivery.

Criteria for scoring: Designated areas

Scoring criteria based on the quality of the most recent data made available. Data must be made available electronically, preferably by updating the pre-filled database provided by ETC/NPB. Either of the following methods is acceptable:





- uploaded to national EIONET server;
- posted on an agreed internet site.

Centre co-ordinates reporting has been given the greatest weighting since having size of area of little use if it can't be geo-referenced. Digital boundaries of designated areas are ideally needed but not part of this evaluation as yet.

Related regular EEA products	Routine dissemination of dataset to DG ENV, EUROSTAT EEA Data service: Nationally designated areas
	Designated areas made available by 31/12/2001. At least 95% of the nationally designated areas reported have the required attributes: centre co-ordinates, size of area and valid IUCN category.
	At least 66% of the nationally designated areas made available have the required attributes.
	At least 30% of the nationally designated areas made available have the required attributes.
	No data made available or less than 30% of the nationally designated areas reported have the required attributes.

Criteria for scoring: Marine data

Only criteria used here was whether data delivered to Marine Conventions can be accessed by EEA.





Related regular EEA products	Signals 2000: Phosphorus in coastal waters; Nitrogen in coastal waters Signals 2001: 12. Hazardous substances in marine waters TERM 2001: Oil spill indicators
	Category to be defined.
	All Marine Conventions' data can be accessed by EEA.
	Part of Marine Conventions' data can be accessed by EEA.
	No response from country to EEA letters in February and August 2000.

Criteria for scoring: EUROWATERNET





Separate scores given for data deliveries under EUROWATERNET-Rivers, EUROWATERNET-Lakes and EUROWATERNET-Groundwater.

Scoring criteria based on identification of river and lake stations and groundwater bodies using EUROWATERNET criteria as published in the [Technical Guidelines for EUROWATERNET Implementation](#).





Availability of data in WATERBASE is the second scoring criteria. However, a detailed evaluation of data availability has only been done for river data (length of time series for selected determinands) and groundwater data (availability of descriptions and quality data for identified groundwater bodies).

Related regular EEA products	Signals 2000: Chapter 13. Eutrophication Signals 2001 and 2002: River water quality		
	Rivers:	Lakes:	Groundwater:
	More than 75% of sites identified and long time series for nitrate and total P available.	More than 75% of sites identified.	General description and quality data for nitrate and ammonium for more than 75% of identified important groundwater bodies are available.
	More than 50% of sites identified.	More than 50% of sites identified.	General description or quality data for more than 50% of identified important groundwater bodies are available.
	Less than 50% of sites identified.	Less than 50% of sites identified.	Groundwater bodies identified.
	No data delivery under Eurowaternet.		

Criteria for scoring: CLC 2000 update

Criteria used here: evidence of progress in national preparations for CLC2000. N.B. Scores for this data flow have not been taken into account for assessing the overall performance of countries.	
Related regular EEA products	Routine dissemination of CLC90 1:100K vector to: DG AGRI , DG ENV , DG RECH, DG REGIO, EUROSTAT, JRC EEA Data service: CLC90 250 metre grid TERM 2000: Indicator 5: Proximity of transport infrastructures to designated nature areas , Indicator 6 Land take TERM 2001: Spatial planning and accessibility Signals 2000: 14 Wetlands Signals 2001: Nature grasslands
	Category to be defined.
	National CLC2000 Project Management Plan in place by 31/12/2001.
	National CLC2000 commitment in place by 31/12/2001.
	National CLC2000 commitment not in place by 31/12/2001.


















Criteria for scoring: Contaminated soil

Scoring criteria based on whether countries have set up an EIONET Interest Group or named the internet site where they will make the data available. Regular annual deliveries are requested on a limited set of data at this early stage of development: <ul style="list-style-type: none"> • % contribution of localised sources to soil contamination; • annual public expenditure on remediation of contaminated sites; • progress in the management of contaminated sites. N.B. Scores for this data flow have not been taken into account for assessing the overall performance of countries.	
Related regular EEA products	EIONET Data service: Soil contamination datasets Signals 2001: 13 Soil: contamination from localised sources
	Data made available on all 3 categories by 31/12/2001.
	Data made available on 2 categories by 31/12/2001.
	Data made available on 1 category by 31/12/2001.
	No data made available by 31/12/2001.
































EIONET Priority Data Flows 2001: Detailed analysis by country and data flow

Country	Data Flow	Progress 2000	Progress 2001	Remarks
Albania	CLRTAP data	Not applicable	☹️	No 2001 delivery (based on available information on 25 April 2002)
Albania	UNFCCC and GHG data	Not applicable	Not applicable	Country has not yet been included in this EIONET data flow.
Albania	EoI data	☹️	☹️	No data reported for any years.
Albania	Ozone data	Data flow not included in 2000	Not applicable	Country has not yet been included in this EIONET data flow.
Albania	Designated areas	Not applicable	Not applicable	Country has not yet been included in this EIONET data flow.
Albania	River quality	☹️	☹️	No river data delivered for EUROWATERNET.
Albania	Lake quality	☹️	☹️	No lake data delivered for EUROWATERNET.
Albania	Groundwater quality	☹️	☹️	No groundwater data delivered for EUROWATERNET.
Albania	Access to marine data	☹️	☹️	No response from country yet.
Albania	CLC-2000 update	Data flow not included in 2000	Not applicable	Country not yet in CLC 2000 project
Albania	Contaminated soil	Data flow not included in 2000	Not applicable	Country has not yet been included in this EIONET data flow.















EIONET Priority Data Flows 2001: Detailed analysis by country and data flow

Country	Data Flow	Progress 2000	Progress 2001	Remarks
Austria	CLRTAP data			Full time series (1980-2000) delivered on time. Data is publicly available. Other information requested by the Convention also provided.
Austria	UNFCCC and GHG data			Full time series. Data slightly delayed for GHG MM.
Austria	EoI data			Data reported for 1994-2000 on time and using DEM for 2000 data. Time series 1994-1998 for SO ₂ , NO ₂ and TSP.
Austria	Ozone data	Data flow not included in 2000		Required data plus some requested additional information. Delivery on time .
Austria	Designated areas			Data has been reported on the EIONET server for c.1100 sites. Over 70% have size of area and centre co-ordinates. About 50% have valid IUCN category.
Austria	River quality			Aggregated river data for 1999 and 2000 data provided. Number of reported river stations far above the target number. Short time series (1-10 years) for nitrate and phosphorus data.
Austria	Lake quality			Data for EUROWATERNET Data Collection 2001 delivered but significantly after the deadline of 31 Dec 2001. From earlier data collection: 50% of lake stations identified.
Austria	Groundwater quality			Update on groundwater data provided in time. 14 important groundwater bodies identified. Quality data available for all of them, but 11 general descriptions are missing.
Austria	Access to marine data	Not applicable	Not applicable	Country not party to marine conventions.
Austria	CLC-2000 update	Data flow not included in 2000		National CLC 2000 project making progress.
Austria	Contaminated soil	Data flow not included in 2000		Good data made available. Questionnaire returned on time.















EIONET Priority Data Flows 2001: Detailed analysis by country and data flow

Country	Data Flow	Progress 2000	Progress 2001	Remarks
Belgium	CLRTAP data		 	Time series (1990-2000), slightly delayed. Other information requested by the Convention also provided.
Belgium	UNFCCC and GHG data	 	 	HFC/PFC/SF6 limited time series. Data on time for GHG MM.
Belgium	EoI data	  	  	Data reported for 1975-2000. 2000 data reported on time and using DEM. Many time series in AIRBASE for most pollutants including SO2, NO2, PM10 and Black Smoke.
Belgium	Ozone data	Data flow not included in 2000	  	Required data plus some requested additional information. Delivery on time .
Belgium	Designated areas			EIONET Interest Group has been set up and existing data posted there. Data reported for c. 400 sites. 25% lack centre co-ordinates and 6% have no information on size of area. 80% lack valid IUCN category.
Belgium	River quality			No river data delivered for EUROWATERNET.
Belgium	Lake quality			No lake data delivered for EUROWATERNET.
Belgium	Groundwater quality			Groundwater data provided, but delivery significantly delayed. 10 groundwater bodies identified and described.
Belgium	Access to marine data			No response from country yet.
Belgium	CLC-2000 update	Data flow not included in 2000	 	National CLC 2000 project making progress.
Belgium	Contaminated soil	Data flow not included in 2000	  	Good data made available. Questionnaire returned on time.















EIONET Priority Data Flows 2001: Detailed analysis by country and data flow

Country	Data Flow	Progress 2000	Progress 2001	Remarks
Bosnia and Herzegovina	CLRTAP data			No 2001 delivery (based on available information on 25 April 2002)
Bosnia and Herzegovina	UNFCCC and GHG data			No 2001 delivery (based on available information on 25 April 2002)
Bosnia and Herzegovina	EoI data			2000 data delivery on time and using DEM
Bosnia and Herzegovina	Ozone data	Data flow not included in 2000	Not applicable	Country has not yet been included in this EIONET data flow.
Bosnia and Herzegovina	Designated areas	Not applicable	Not applicable	Country has not yet been included in this EIONET data flow.
Bosnia and Herzegovina	River quality			Physical characteristics and quality data for 36 river stations delivered.
Bosnia and Herzegovina	Lake quality			No lake data delivered for EUROWATERNET.
Bosnia and Herzegovina	Groundwater quality			No groundwater data delivered in 2001. Only general descriptions for 2 groundwater bodies available from earlier data collection.
Bosnia and Herzegovina	Access to marine data			UNEP/MAP data can be accessed by EEA.
Bosnia and Herzegovina	CLC-2000 update	Data flow not included in 2000	Not applicable	Country not yet in CLC 2000 project
Bosnia and Herzegovina	Contaminated soil	Data flow not included in 2000	Not applicable	Country has not yet been included in this EIONET data flow.




















EIONET Priority Data Flows 2001: Detailed analysis by country and data flow

Country	Data Flow	Progress 2000	Progress 2001	Remarks
Bulgaria	CLRTAP data			Data available for 1998 with some delay. Posted to national server.
Bulgaria	UNFCCC and GHG data			Data to 1999. HFC/PFC/SF6 limited time series. Posted on national server with slight delay.
Bulgaria	EoI data			2000 data delivery slightly delayed, DEM used. Now 1998-2000 data available in AIRBASE.
Bulgaria	Ozone data	Data flow not included in 2000		Required data plus some requested additional information. Delivery on time .
Bulgaria	Designated areas	Not applicable	Not applicable	This data flow will be included in the 6th EIONET progress report.
Bulgaria	River quality			Aggregated river data for 1999 and 2000 data provided. 100% of river stations identified but only short time series (1-10 years) of quality data available.
Bulgaria	Lake quality			Update on lake quality data for provided. First country response under EUROWATERNET Data Collection 2001. About 50% of lake stations identified.
Bulgaria	Groundwater quality			Update on groundwater data provided. First country response under EUROWATERNET Data Collection 2001. 74 groundwater bodies selected for EWN. General descriptions and quality data available.
Bulgaria	Access to marine data	Not applicable	Not applicable	No response from country required at this time.
Bulgaria	CLC-2000 update	Data flow not included in 2000		National CLC 2000 project making progress.
Bulgaria	Contaminated soil	Data flow not included in 2000	Not applicable	Country has not yet been included in this EIONET data flow.

















EIONET Priority Data Flows 2001: Detailed analysis by country and data flow

Country	Data Flow	Progress 2000	Progress 2001	Remarks
Czech Republic	CLRTAP data			Full time series (1980-2000) for 3 pollutants, remainder available from 1990. Posted on national server on time. Other information requested by the Convention also provided.
Czech Republic	UNFCCC and GHG data			Timeseries 1990,1996:2000 posted on time on national server.
Czech Republic	EoI data			2000 data delivery in time, DEM used. Now 1997-2000 data available in AIRBASE.
Czech Republic	Ozone data	Data flow not included in 2000		Required data plus some requested additional information. Delivery on time .
Czech Republic	Designated areas	Not applicable	Not applicable	This data flow will be included in the 6th EIONET progress report.
Czech Republic	River quality			No data on rivers delivered under EUROWATERNET Data Collection 2001. From earlier data collection: 100% of river sites identified and some very short time series of river data are available.
Czech Republic	Lake quality			No data delivered in 2001. From earlier data collection: 10% of lake stations identified.
Czech Republic	Groundwater quality			Groundwater data delivered in time. Quality data available but general descriptions of groundwater bodies are missing.
Czech Republic	Access to marine data	Not applicable	Not applicable	Country not party to marine conventions
Czech Republic	CLC-2000 update	Data flow not included in 2000		National CLC 2000 project making progress.
Czech Republic	Contaminated soil	Data flow not included in 2000	Not applicable	Country has not yet been included in this EIONET data flow.




































EIONET Priority Data Flows 2001: Detailed analysis by country and data flow

Country	Data Flow	Progress 2000	Progress 2001	Remarks
Denmark	CLRTAP data			Good time series (1985-2000) made publicly available for the 5 main pollutants, slightly delayed. Other information requested by the Convention also provided.
Denmark	UNFCCC and GHG data			Full time series. Data on time for GHG MM. Data publicly available.
Denmark	EoI data			Data reported for 1976-2000. 2000 data reported on time. DEM used. Few time series in AIRBASE on SO ₂ , NO ₂ and TSP.
Denmark	Ozone data	Data flow not included in 2000		Required data plus some requested additional information. Delivery on time .
Denmark	Designated areas			Data has been reported on the EIONET server for c.400 sites. More than 90% have centre co-ordinates and all have size of area and IUCN category.
Denmark	River quality			Aggregated river data provided in time. All river sites identified. Long time series on phosphorus concentration in rivers.
Denmark	Lake quality			Update on lake quality data for provided, but slightly delayed. All lake stations identified.
Denmark	Groundwater quality			Update of groundwater data provided, but delivery significantly delayed. 3 groundwater bodies identified and described.
Denmark	Access to marine data			HELCOM and OSPAR data can be accessed by EEA.
Denmark	CLC-2000 update	Data flow not included in 2000		Possible participation in project at a later stage.
Denmark	Contaminated soil	Data flow not included in 2000		Good data but delivery of questionnaire delayed.




















EIONET Priority Data Flows 2001: Detailed analysis by country and data flow

Country	Data Flow	Progress 2000	Progress 2001	Remarks
Estonia	CLRTAP data			Time series (1990-2000 + some earlier years) for the 5 main pollutants, slightly delayed. Other information requested by the Convention also provided.
Estonia	UNFCCC and GHG data			Full time series. Data on time . Data posted on national server.
Estonia	EoI data			2000 data delivery in time, DEM used. Now 1997-2000 data available in AIRBASE.
Estonia	Ozone data	Data flow not included in 2000		Incomplete required data; no requested additional information. Delivery on time .
Estonia	Designated areas	Not applicable	Not applicable	This data flow will be included in the 6th EIONET progress report.
Estonia	River quality			Aggregated quality data for 1992-2000 plus additional station information delivered in time. All river stations identified. Short time series (1-10 years) on nitrate and total phosphorous concentration available.
Estonia	Lake quality			Update on lake quality data for provided in time. About 50% of lake stations identified.
Estonia	Groundwater quality			Update of groundwater data delivered in time. 30 groundwater bodies identified. General descriptions and quality data are available.
Estonia	Access to marine data			HELCOM data can be accessed by EEA.
Estonia	CLC-2000 update	Data flow not included in 2000		National CLC 2000 project making progress.
Estonia	Contaminated soil	Data flow not included in 2000	Not applicable	Country has not yet been included in this EIONET data flow.













EIONET Priority Data Flows 2001: Detailed analysis by country and data flow

Country	Data Flow	Progress 2000	Progress 2001	Remarks
Finland	CLRTAP data			Data made available to ETC ACC but not posted on national server.
Finland	UNFCCC and GHG data		  	Full time series. Data on time for GHG MM.
Finland	EoI data	  	  	Data reported for 1993-2000. 2000 data on time and DEM used. Few time series in AIRBASE on SO2, NO2 and TSP and PM10.
Finland	Ozone data	Data flow not included in 2000	  	Required data plus some requested additional information. Delivery on time .
Finland	Designated areas			Interest group set up on EIONET server but no update posted yet. Existing data for nearly 2000 sites. All with centre co-ordinates and size of area. More than 80% lack valid IUCN category.
Finland	River quality	 	 	Aggregated river quality data for 2000 delivered. More than half of river sites identified. Long time series on phosphorus concentration available.
Finland	Lake quality	  		No data delivered in 2001. Lake sites identified and data delivered under earlier data collection.
Finland	Groundwater quality			No groundwater data delivered in 2001: From earlier data collection: General descriptions and quality data for 41 groundwater bodies are available.
Finland	Access to marine data		 	HELCOM data can be accessed by EEA.
Finland	CLC-2000 update	Data flow not included in 2000	 	National CLC 2000 project making progress.
Finland	Contaminated soil	Data flow not included in 2000	  	Good data made available. Questionnaire returned on time.






































EIONET Priority Data Flows 2001: Detailed analysis by country and data flow

Country	Data Flow	Progress 2000	Progress 2001	Remarks
France	CLRTAP data			Data not delivered.
France	UNFCCC and GHG data			Full time series. Data on time for GHG MM.
France	EoI data			2000 data delivery slightly delayed, DEM used.
France	Ozone data	Data flow not included in 2000		Required data plus some requested additional information. Delivery significantly delayed.
France	Designated areas			No EIONET Interest group yet. Existing data for c. 1300 sites reported, almost all with valid IUCN category. About 15% lack centre co-ordinates information and 10% lack details of area size.
France	River quality			Update of river data provided in 2001. All river sites identified. Majority of time series covers more than 10 years.
France	Lake quality			Update of lake data provided in 2001 in time. About 1/3 of lakes identified and some metadata provided.
France	Groundwater quality			No groundwater data delivered for EUROWATERNET.
France	Access to marine data			OSPAR data can be accessed by EEA. No response on UNEP/MAP data.
France	CLC-2000 update	Data flow not included in 2000		Commitment in preparation.
France	Contaminated soil	Data flow not included in 2000		Data made available. Questionnaire returned on time.



























EIONET Priority Data Flows 2001: Detailed analysis by country and data flow

Country	Data Flow	Progress 2000	Progress 2001	Remarks
FYR of Macedonia	CLRTAP data			No 2001 delivery (based on available information on 25 April 2002)
FYR of Macedonia	UNFCCC and GHG data			No 2001 delivery (based on available information on 25 April 2002)
FYR of Macedonia	EoI data			2000 data delivery slightly delayed, DEM used.
FYR of Macedonia	Ozone data	Data flow not included in 2000	Not applicable	Country has not yet been included in this EIONET data flow.
FYR of Macedonia	Designated areas	Not applicable	Not applicable	Country has not yet been included in this EIONET data flow.
FYR of Macedonia	River quality			20 river stations identified. Aggregated river quality data for 1999 delivered in time.
FYR of Macedonia	Lake quality			Update on lake quality data for provided in time. 50% of lake stations identified.
FYR of Macedonia	Groundwater quality			Groundwater data delivered in time. 7 groundwater bodies identified. No general descriptions or quality data are available.
FYR of Macedonia	Access to marine data	Not applicable	Not applicable	No response from country required at this time.
FYR of Macedonia	CLC-2000 update	Data flow not included in 2000	Not applicable	Country not yet in CLC 2000 project
FYR of Macedonia	Contaminated soil	Data flow not included in 2000	Not applicable	Country has not yet been included in this EIONET data flow.















EIONET Priority Data Flows 2001: Detailed analysis by country and data flow

Country	Data Flow	Progress 2000	Progress 2001	Remarks
Germany	CLRTAP data			Data not delivered.
Germany	UNFCCC and GHG data	 		Full time series. Data delivery delayed for GHG MM.
Germany	EoI data	 	 	Preliminary evaluation based on best available information.
Germany	Ozone data	Data flow not included in 2000	 	Required data plus some requested additional information. Delivery on time but promised correction to exceedances file not yet received by ETC ACC.
Germany	Designated areas	 	  	Update posted on EIONET server 2001. Data now available for more than 6000 sites, all with size and valid IUCN category and centre co-ordinates information.
Germany	River quality	  	  	Update of river quality data provided in time. River data available for 152 stations which is about ½ of original EWN target figure. Note: There is an agreement between ETC and NRC that data for 152 stations is sufficient for a European assessment of river water quality in Germany. Long time series for nitrate and phosphorus concentrations in rivers.
Germany	Lake quality		 	Update on lake quality data provided in time. More than 50% of lake stations identified. Long time series available.
Germany	Groundwater quality		 	Update of groundwater data delivered in time. Quality data for 17 groundwater bodies are available. General descriptions are missing.
Germany	Access to marine data	 	 	HELCOM and OSPAR data can be accessed by EEA.
Germany	CLC-2000 update	Data flow not included in 2000	 	National CLC 2000 project making progress.
Germany	Contaminated soil	Data flow not included in 2000	  	Good data made available. Questionnaire returned on time.























EIONET Priority Data Flows 2001: Detailed analysis by country and data flow

Country	Data Flow	Progress 2000	Progress 2001	Remarks
Greece	CLRTAP data			No 2001 delivery (based on available information on 25 April 2002)
Greece	UNFCCC and GHG data			Full time series, except for SF6. Data delayed for GHG MM.
Greece	EoI data			2000 data delivery delayed. DEM used. Few time series on SO2, NO2 and Black Smoke available for 1983-1997 except for 1996.
Greece	Ozone data	Data flow not included in 2000	  	Required data plus some requested additional information. Delivery on time .
Greece	Designated areas			Existing data for circa 140 national designations reported. ¼ lack either centre co-ordinates information or area size and 40% do not have valid IUCN category.
Greece	River quality	 	 	Update of river quality data provided in time. 100% of river stations identified. Only very short time series available.
Greece	Lake quality			Lake quality data provided in 2001 in time. About 40% of lakes identified.
Greece	Groundwater quality			No groundwater data provided in 2001. From earlier data collection: 130 important groundwater bodies identified. All descriptions and quality data for 86 groundwater bodies are available.
Greece	Access to marine data	 	 	UNEP/MAP data can be accessed by EEA.
Greece	CLC-2000 update	Data flow not included in 2000		Commitment under consideration.
Greece	Contaminated soil	Data flow not included in 2000	 	Data made available. Questionnaire returned on time.































EIONET Priority Data Flows 2001: Detailed analysis by country and data flow

Country	Data Flow	Progress 2000	Progress 2001	Remarks
Hungary	CLRTAP data			No 2001 delivery (based on available information on 25 April 2002)
Hungary	UNFCCC and GHG data			Data made available on time but not posted to EIONET server yet.
Hungary	EoI data			2000 data delivery on time, DEM used. Now 1997-2000 data available in AIRBASE.
Hungary	Ozone data	Data flow not included in 2000		Required data but no requested additional information. Delivery on time .
Hungary	Designated areas	Not applicable	Not applicable	This data flow will be included in the 6th EIONET progress report.
Hungary	River quality			Update of river quality data provided in time. All river stations identified. Short time series (1-10 years) available.
Hungary	Lake quality			Update of lake quality data provided in time. 7 lake stations identified.
Hungary	Groundwater quality			Update of groundwater data provided in 2001. 11 important groundwater bodies identified. General descriptions and quality data for all of them are available.
Hungary	Access to marine data	Not applicable	Not applicable	Country not party to marine conventions
Hungary	CLC-2000 update	Data flow not included in 2000		Commitment in preparation.
Hungary	Contaminated soil	Data flow not included in 2000	Not applicable	Country has not yet been included in this EIONET data flow.




















EIONET Priority Data Flows 2001: Detailed analysis by country and data flow

Country	Data Flow	Progress 2000	Progress 2001	Remarks
Iceland	CLRTAP data			No 2001 delivery (based on available information on 25 April 2002)
Iceland	UNFCCC and GHG data			No 2001 delivery (based on available information on 25 April 2002)
Iceland	EoI data			No delivery of 2000 data. Data only reported for 1993 and 1994. Only 2 time series for NO2 and PM10 available.
Iceland	Ozone data	Data flow not included in 2000		No reply received.
Iceland	Designated areas	 	 	Existing data for circa 80 sites reported all with valid IUCN category, centre co-ordinates and area size.
Iceland	River quality			No river data delivered for EUROWATERNET.
Iceland	Lake quality	 		No data delivered in 2001. Some data from earlier data collection available.
Iceland	Groundwater quality			No groundwater data delivered for EUROWATERNET.
Iceland	Access to marine data			No response from country yet.
Iceland	CLC-2000 update	Data flow not included in 2000	Not available	No reaction yet.
Iceland	Contaminated soil	Data flow not included in 2000	 	Data made available. Questionnaire returned on time.





























EIONET Priority Data Flows 2001: Detailed analysis by country and data flow

Country	Data Flow	Progress 2000	Progress 2001	Remarks
Ireland	CLRTAP data			Data for year 2000 posted to national server for the 5 main pollutants, slightly delayed. Other information requested by the Convention also provided.
Ireland	UNFCCC and GHG data			HFC/PFC/SF6 not yet available. Data slightly delayed for GHG MM. Data posted on national server.
Ireland	EoI data			2000 data delivery slightly delayed. Data reported for all years 1973-2000. No time series on SO2 or NO2. Few time series on Black Smoke.
Ireland	Ozone data	Data flow not included in 2000	  	Required data plus some requested additional information. Delivery on time .
Ireland	Designated areas	 	 	Partial update posted during 2001. Existing data for circa 90 sites reported, almost all with area size. But around 1/4- 1/5 lack valid IUCN category and centre co-ordinates information.
Ireland	River quality	 		Data for EUROWATERNET Data Collection 2001 delivered but significantly after the deadline of 31 Dec 2001. Data provided in earlier data collection.
Ireland	Lake quality	  		No data delivered in 2001. Some data from earlier data collection available.
Ireland	Groundwater quality			No groundwater data delivered in 2001. From earlier data collection: descriptions and data for 3 groundwater bodies are available.
Ireland	Access to marine data	 	 	OSPAR data can be accessed by EEA.
Ireland	CLC-2000 update	Data flow not included in 2000	 	National CLC 2000 project making progress.
Ireland	Contaminated soil	Data flow not included in 2000	 	Data made available. Questionnaire returned on time.

EIONET Priority Data Flows 2001: Detailed analysis by country and data flow

Country	Data Flow	Progress 2000	Progress 2001	Remarks
Italy	CLRTAP data			No delivery (based on available information on 25 April 2002)
Italy	UNFCCC and GHG data			Full time series. Data delayed for GHG MM. Data posted to national server.
Italy	EoI data			Data reported for 2000 slightly delayed; DEM used. No data reported for 1990-1997.
Italy	Ozone data	Data flow not included in 2000		Required data plus some requested additional information. Delivery on time .
Italy	Designated areas			Update posted on EIONET server in 2001. Major improvements to data now available for circa 1000 sites. All have centre coordinates. More than 90% have size. More than 50% have IUCN category.
Italy	River quality			No data delivered in 2001. Data for 42 stations in the Po catchment available in WATERBASE, but stations were not identified according to EWN criteria. Only short time series available.
Italy	Lake quality			No lake data delivered for EUROWATERNET.
Italy	Groundwater quality			No groundwater data delivered for EUROWATERNET.
Italy	Access to marine data			No formal response from country yet, but relevant marine data delivered directly via NRC
Italy	CLC-2000 update	Data flow not included in 2000		National CLC 2000 project making progress.
Italy	Contaminated soil	Data flow not included in 2000		Good data made available but delivery of questionnaire delayed.

















EIONET Priority Data Flows 2001: Detailed analysis by country and data flow

Country	Data Flow	Progress 2000	Progress 2001	Remarks
Latvia	CLRTAP data			No delivery (based on available information on 25 April 2002)
Latvia	UNFCCC and GHG data		 	Full time series at summary level. Limited information on F gases. Data delivered on time but not yet posted to national server.
Latvia	EoI data	  		2000 delivery slightly delayed. Data cannot be processed because of a problem with the version of the DEM which was used. 1997-1999 data available in AIRBASE.
Latvia	Ozone data	Data flow not included in 2000	  	Required data plus some requested additional information. Delivery on time .
Latvia	Designated areas	Not applicable	Not applicable	This data flow will be included in the 6th EIONET progress report.
Latvia	River quality	 	 	Update on river quality data provided in time. All river stations identified. Short time series (1-10 years) on nitrate and total phosphorous concentration available.
Latvia	Lake quality			Update on lake quality data provided in time. Only about 25% of lake stations identified.
Latvia	Groundwater quality		  	Updated groundwater data provided in time. 4 groundwater bodies identified. General descriptions and quality data available for all of them.
Latvia	Access to marine data	 	 	HELCOM data can be accessed by EEA.
Latvia	CLC-2000 update	Data flow not included in 2000	 	National CLC 2000 project making progress.
Latvia	Contaminated soil	Data flow not included in 2000	Not applicable	Country has not yet been included in this EIONET data flow.

























EIONET Priority Data Flows 2001: Detailed analysis by country and data flow

Country	Data Flow	Progress 2000	Progress 2001	Remarks
Liechtenstein	CLRTAP data	☹️	☹️	No delivery (based on available information on 25 April 2002)
Liechtenstein	UNFCCC and GHG data	☹️	☹️	No 2001 delivery (based on available information on 25 April 2002)
Liechtenstein	EoI data	☹️	☹️	No data reported for any years.
Liechtenstein	Ozone data	Data flow not included in 2000	☹️	No reply received.
Liechtenstein	Designated areas	😊😊	😊😊	No EIONET Interest group yet. Existing data for 10 sites reported all with centre co-ordinates and valid IUCN category information
Liechtenstein	River quality	☹️	☹️	No river data delivered for EUROWATERNET.
Liechtenstein	Lake quality	☹️	☹️	No lake data delivered for EUROWATERNET.
Liechtenstein	Groundwater quality	☹️	☹️	No groundwater data delivered for EUROWATERNET.
Liechtenstein	Access to marine data	Not applicable	Not applicable	Country not party to marine conventions
Liechtenstein	CLC-2000 update	Data flow not included in 2000	😊	Joint project with Austria - commitment needed.
Liechtenstein	Contaminated soil	Data flow not included in 2000	😊	Questionnaire not returned although some data made available in previous years.

EIONET Priority Data Flows 2001: Detailed analysis by country and data flow

Country	Data Flow	Progress 2000	Progress 2001	Remarks
Lithuania	CLRTAP data			No delivery (based on available information on 25 April 2002)
Lithuania	UNFCCC and GHG data			No 2001 delivery (based on available information on 25 April 2002)
Lithuania	EoI data			2000 data delivery in time, DEM used.
Lithuania	Ozone data	Data flow not included in 2000		Required data plus some requested additional information. Delivery on time .
Lithuania	Designated areas	Not applicable	Not applicable	This data flow will be included in the 6th EIONET progress report.
Lithuania	River quality			Update on river quality data provided in time. All river stations identified. Short time series (1-10 years) on nitrate and total phosphorous concentration available.
Lithuania	Lake quality			Update on lake quality data provided in time. About 35% of lake sites identified.
Lithuania	Groundwater quality			Updated groundwater data provided in time. 5 groundwater bodies identified. General descriptions and quality data available for all of them.
Lithuania	Access to marine data			No response from country yet.
Lithuania	CLC-2000 update	Data flow not included in 2000		Commitment in preparation.
Lithuania	Contaminated soil	Data flow not included in 2000	Not applicable	Country has not yet been included in this EIONET data flow.



















EIONET Priority Data Flows 2001: Detailed analysis by country and data flow

Country	Data Flow	Progress 2000	Progress 2001	Remarks
Luxembourg	CLRTAP data			Data made available to ETC ACC but not posted on national server.
Luxembourg	UNFCCC and GHG data			Short timeseries. HFC/PFC/SF6 not yet available. Data delayed for GHG MM.
Luxembourg	EoI data			No data reported since 1993
Luxembourg	Ozone data	Data flow not included in 2000	  	Required data plus all requested additional information. Delivery on time .
Luxembourg	Designated areas			No EIONET Interest group yet. Existing data for circa 190 sites reported. Almost all have centre co-ordinates and 88% have size of area but 90% lack a valid IUCN category.
Luxembourg	River quality			No river data delivered for EUROWATERNET.
Luxembourg	Lake quality			No lake data delivered for EUROWATERNET.
Luxembourg	Groundwater quality			No groundwater data delivered for EUROWATERNET.
Luxembourg	Access to marine data	 	 	OSPAR data can be accessed by EEA.
Luxembourg	CLC-2000 update	Data flow not included in 2000	 	National CLC 2000 project making progress.
Luxembourg	Contaminated soil	Data flow not included in 2000		Questionnaire not returned. No participation in previous years.

















EIONET Priority Data Flows 2001: Detailed analysis by country and data flow

Country	Data Flow	Progress 2000	Progress 2001	Remarks
Netherlands	CLRTAP data	😊😊	😊😊	Partial timeseries for main pollutants. Delivered on time. Data publicly available.
Netherlands	UNFCCC and GHG data	😊😊	😊😊😊	Full time series. Data on time for GHG MM.
Netherlands	EoI data	😊😊😊	😊😊😊	Data reported for all years 1980-2000. 2000 data delivered in time and DEM used. Many time series in AIRBASE for SO2, NO2, Black Smoke and PM10.
Netherlands	Ozone data	Data flow not included in 2000	😊😊😊	Required data plus all requested additional information. Delivery on time .
Netherlands	Designated areas	😞	😞	No EIONET Interest group yet. Existing data for some 1600 sites identified all with area size but almost all lacking valid IUCN category and centre co-ordinates information.
Netherlands	River quality	😊😊	😊	Data for EUROWATERNET Data Collection 2001 delivered but significantly after the deadline of 31 Dec 2001. 90% of river stations identified under EWN criteria.
Netherlands	Lake quality	😊😊😊	😊	Update on lake data quality provided, but after the deadline. Nearly all lakes sites identified.
Netherlands	Groundwater quality	😊	😊	Groundwater data provided but delivery significantly delayed. 9 important groundwater bodies identified. General descriptions and quality data for all of them are available.
Netherlands	Access to marine data	😞	😊😊	OSPAR data can be accessed by EEA.
Netherlands	CLC-2000 update	Data flow not included in 2000	😊😊	National CLC 2000 project making progress.
Netherlands	Contaminated soil	Data flow not included in 2000	😊😊😊	Good data made available. Questionnaire returned on time.











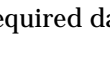














EIONET Priority Data Flows 2001: Detailed analysis by country and data flow

Country	Data Flow	Progress 2000	Progress 2001	Remarks
Norway	CLRTAP data			Timeseries for 80,87 and 1989:2000 made publicly available for the 5 main pollutants. Other information requested by the Convention also provided.
Norway	UNFCCC and GHG data			Full timeseries except for HFC, PFC and SF6. Data publicly available.
Norway	EoI data			2000 data delivered in time. DEM used. Time series available for 1994-2000. Some data in AIRBASE on NO2 and PM10.
Norway	Ozone data	Data flow not included in 2000		Required data plus some requested additional information. Delivery on time .
Norway	Designated areas			No named internet site yet. Existing data for some 1800 sites reported all with centre co-ordinates, area size and valid IUCN category information.
Norway	River quality			Data for EUROWATERNET Data Collection 2001 delivered but significantly after the deadline of 31 Dec 2001. In earlier data collection: Only 5% of rivers stations identified under EWN criteria.
Norway	Lake quality			No data delivered in 2001. Data from earlier data collection available.
Norway	Groundwater quality			No groundwater data delivered for EUROWATERNET.
Norway	Access to marine data			OSPAR data can be accessed by EEA.
Norway	CLC-2000 update	Data flow not included in 2000	Not available	No interest to participate.
Norway	Contaminated soil	Data flow not included in 2000		Questionnaire not returned although some data made available in previous years.















EIONET Priority Data Flows 2001: Detailed analysis by country and data flow

Country	Data Flow	Progress 2000	Progress 2001	Remarks
Poland	CLRTAP data			Timeseries from 1985 for 4/5 pollutants remainder from 1990 delivered with a slight delay. National server is under repair.
Poland	UNFCCC and GHG data			No 2001 delivery (based on available information on 25 April 2002)
Poland	EoI data			2000 data delivery in time, DEM used. Now 1997-2000 data available in AIRBASE.
Poland	Ozone data	Data flow not included in 2000		Required data plus some requested additional information. Delivery delayed .
Poland	Designated areas	Not applicable	Not applicable	This data flow will be included in the 6th EIONET progress report.
Poland	River quality			Update on river quality data (1999 and 2000 data) provided in time. About 1/2 of 1 river stations identified. Only short time series (1-10 years) on nitrate and total phosphorous concentration available.
Poland	Lake quality			Update on lake quality data provided in time. Only 5% of lake stations identified.
Poland	Groundwater quality			Updated groundwater data provided in time. 173 groundwater bodies identified. General descriptions and quality data available for only 3 groundwater bodies.
Poland	Access to marine data			No response from country yet.
Poland	CLC-2000 update	Data flow not included in 2000		National CLC 2000 project making progress.
Poland	Contaminated soil	Data flow not included in 2000	Not applicable	Country has not yet been included in this EIONET data flow.






















EIONET Priority Data Flows 2001: Detailed analysis by country and data flow

Country	Data Flow	Progress 2000	Progress 2001	Remarks
Portugal	CLRTAP data			No 2001 delivery (based on available information on 25 April 2002)
Portugal	UNFCCC and GHG data			Data delivered but delayed for GHG MM. Posted to national server.
Portugal	EoI data	 	 	2000 data delivered in time and DEM used. No data reported 1993-1996. Only NO2 data for 1997. No recent data for SO2 and TSP/Black Smoke.
Portugal	Ozone data	Data flow not included in 2000	  	Required data plus some requested additional information. Delivery on time .
Portugal	Designated areas	 	 	Interest Group set up on EIONET server but no update posted yet. Existing data for 68 sites reported as national designations all with area size and almost all with valid IUCN category information . About 15% are still lacking centre co-ordinates.
Portugal	River quality			No data delivered in 2001. No river stations identified under EWN criteria.
Portugal	Lake quality			No data delivered in 2001. About 1/5 of lakes identified under earlier data collection.
Portugal	Groundwater quality			No groundwater data delivered for EUROWATERNET.
Portugal	Access to marine data			No response from country yet.
Portugal	CLC-2000 update	Data flow not included in 2000		Commitment under discussion.
Portugal	Contaminated soil	Data flow not included in 2000		Questionnaire not returned although some data made available in previous years.

EIONET Priority Data Flows 2001: Detailed analysis by country and data flow

Country	Data Flow	Progress 2000	Progress 2001	Remarks
Romania	CLRTAP data			No 2001 delivery (based on available information on 25 April 2002)
Romania	UNFCCC and GHG data			No delivery (based on available information on 25 April 2002)
Romania	EoI data			2000 data delivery delayed, DEM used. No 1997 or 1998 data in AIRBASE.
Romania	Ozone data	Data flow not included in 2000		No reply received.
Romania	Designated areas	Not applicable	Not applicable	This data flow will be included in the 6th EIONET progress report.
Romania	River quality			Physical characteristics for 238 river stations delivered, but no quality data.
Romania	Lake quality			Physical characteristics for 69 lakes delivered, but no quality data.
Romania	Groundwater quality			No groundwater data delivered for EUROWATERNET.
Romania	Access to marine data	Not applicable	Not applicable	No response from country required at this time.
Romania	CLC-2000 update	Data flow not included in 2000		National CLC 2000 project making progress.
Romania	Contaminated soil	Data flow not included in 2000	Not applicable	Country has not yet been included in this EIONET data flow.


























EIONET Priority Data Flows 2001: Detailed analysis by country and data flow

Country	Data Flow	Progress 2000	Progress 2001	Remarks
Slovak Republic	CLRTAP data			No 2001 delivery (based on available information on 25 April 2002)
Slovak Republic	UNFCCC and GHG data			No delivery (based on available information on 25 April 2002)
Slovak Republic	EoI data	  	  	2000 data delivery in time, DEM used. Now 1997-2000 data available in AIRBASE.
Slovak Republic	Ozone data	Data flow not included in 2000	  	Required data plus some requested additional information. Delivery on time .
Slovak Republic	Designated areas	Not applicable	Not applicable	This data flow will be included in the 6th EIONET progress report.
Slovak Republic	River quality			Data for EUROWATERNET Data Collection 2001 delivered but significantly after the deadline of 31 Dec 2001. Some river data from earlier pilot data collection available.
Slovak Republic	Lake quality			No lake data delivered for EUROWATERNET.
Slovak Republic	Groundwater quality			Updated groundwater data provided, but after the deadline. 10 groundwater bodies identified, but no general descriptions or quality data are available.
Slovak Republic	Access to marine data	Not applicable	Not applicable	Country not party to marine conventions
Slovak Republic	CLC-2000 update	Data flow not included in 2000	 	National CLC 2000 project making progress.
Slovak Republic	Contaminated soil	Data flow not included in 2000	Not applicable	Country has not yet been included in this EIONET data flow.




















EIONET Priority Data Flows 2001: Detailed analysis by country and data flow

Country	Data Flow	Progress 2000	Progress 2001	Remarks
Slovenia	CLRTAP data	😊😊	😊	Data made available to ETC ACC but not posted on national server.
Slovenia	UNFCCC and GHG data	😞	😊😊	Partial timeseries. Data posted on national server.
Slovenia	EoI data	😊😊😊	😊	2000 data delivery slightly delayed, DEM used. Now 1997-2000 data available in AIRBASE.
Slovenia	Ozone data	Data flow not included in 2000	😊	Required data posted on national server. Delivery significantly delayed.
Slovenia	Designated areas	Not applicable	Not applicable	This data flow will be included in the 6th EIONET progress report.
Slovenia	River quality	😊😊	😊😊	Update on river quality data provided in time. All river stations identified. Most time series cover 10 years.
Slovenia	Lake quality	😊	😊	Update on lake quality data provided in time. Only 2 lake stations identified.
Slovenia	Groundwater quality	😊	😊😊😊	Updated groundwater data provided in time. 5 groundwater bodies identified. General descriptions and quality data available for all of them.
Slovenia	Access to marine data	😞	😊😊	UNEP/MAP data can be accessed by EEA.
Slovenia	CLC-2000 update	Data flow not included in 2000	😊😊	National CLC 2000 project making progress.
Slovenia	Contaminated soil	Data flow not included in 2000	Not applicable	Country has not yet been included in this EIONET data flow.




















EIONET Priority Data Flows 2001: Detailed analysis by country and data flow

Country	Data Flow	Progress 2000	Progress 2001	Remarks
Spain	CLRTAP data			No 2001 delivery (based on available information on 25 April 2002)
Spain	UNFCCC and GHG data	 		Data delivered but delayed for GHG MM. Posted to national server.
Spain	EoI data	  		2000 data delivery delayed, DEM used. SO ₂ , NO ₂ , TSP and Black Smoke time series 1986-1999 available.
Spain	Ozone data	Data flow not included in 2000		Required data plus some requested additional information. Delivery significantly delayed.
Spain	Designated areas			Interest Group set up on EIONET server but no update posted yet. Existing data for circa 600 sites reported all with area size. About 30% of sites lacking valid IUCN category information and 20% lacking centre co-ordinates.
Spain	River quality	 		Data for EUROWATERNET Data Collection 2001 delivered but significantly after the deadline of 31 Dec 2001. From earlier data collection: Most stations identified for rivers under EWN criteria. Only very short time series available.
Spain	Lake quality			No data delivered in 2001. About 1/3 of lakes identified under earlier data collection.
Spain	Groundwater quality			No groundwater data delivered in 2001. From earlier data collection: descriptions and data for 3 groundwater bodies are available.
Spain	Access to marine data			No response from country yet.
Spain	CLC-2000 update	Data flow not included in 2000	 	National CLC 2000 project making progress.
Spain	Contaminated soil	Data flow not included in 2000	 	Data made available. Questionnaire returned on time.

EIONET Priority Data Flows 2001: Detailed analysis by country and data flow

Country	Data Flow	Progress 2000	Progress 2001	Remarks
Sweden	CLRTAP data			Timeseries from 1990 delivered on time. Posted on national server.
Sweden	UNFCCC and GHG data			Full time series. Data on time for GHG MM.
Sweden	EoI data			Data reported for 1993-2000 but 1995 and 1996 missing. 2000 reported on time and DEM used.
Sweden	Ozone data	Data flow not included in 2000		Required data plus some requested additional information. Delivery on time .
Sweden	Designated areas			Update delivered. More than 90% of sites with centre coordinates, area and valid IUCN categories.
Sweden	River quality			Update on river quality data provided in time. Only 25% of river stations identified. Long time series available.
Sweden	Lake quality			Update on lake quality data provided in time. Nearly 75% of lake stations identified.
Sweden	Groundwater quality			Updated groundwater data provided in time. 3 groundwater bodies identified. General descriptions and quality data available for all of them.
Sweden	Access to marine data			HELCOM and OSPAR data can be accessed by EEA.
Sweden	CLC-2000 update	Data flow not included in 2000		National CLC 2000 project making progress.
Sweden	Contaminated soil	Data flow not included in 2000		Good data made available. Questionnaire returned on time.

EIONET Priority Data Flows 2001: Detailed analysis by country and data flow

Country	Data Flow	Progress 2000	Progress 2001	Remarks
United Kingdom	CLRTAP data			Full timeseries but delivery delayed. Data posted on national server.
United Kingdom	UNFCCC and GHG data			Full time series. Data on time for GHG MM. Data posted to national server.
United Kingdom	EoI data			Data reported for 1969-2000. 2000 on time and DEM used. Many time series in AIRBASE for NO2, SO2, Black Smoke and PM10.
United Kingdom	Ozone data	Data flow not included in 2000		Required data plus all requested additional information. Delivery on time .
United Kingdom	Designated areas			Updated data 2001. Improved data for > 7000 sites. More than 99% with centre co-ordinates and area size.plus valid IUCN category information.
United Kingdom	River quality			Data for EUROWATERNET Data Collection 2001 delivered but significantly after the deadline of 31 Dec 2001. All rivers stations identified under EWN criteria. Many long time series on nitrate and phosphorus concentration.
United Kingdom	Lake quality			No data delivered in 2001. Some data from earlier data collection available.
United Kingdom	Groundwater quality			No groundwater data delivered in 2001. From earlier data collection: descriptions and data for 6 groundwater bodies are available.
United Kingdom	Access to marine data			OSPAR data can be accessed by EEA.
United Kingdom	CLC-2000 update	Data flow not included in 2000		National CLC 2000 project making progress.
United Kingdom	Contaminated soil	Data flow not included in 2000		Data made available. Questionnaire returned on time.