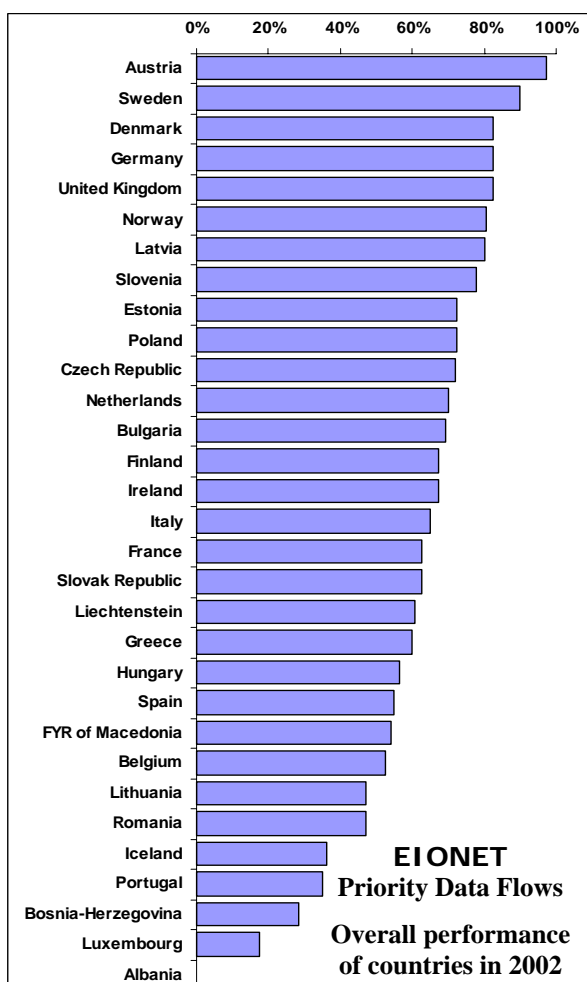


EIONET Priority Data Flows 2002

Sixth Progress Report to the Management Board

prepared by
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EEA, Copenhagen – June 2003



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Foreword by the Executive Director

Dear Colleagues,

I would like to present the sixth progress report on EIONET Priority Data Flows.

The Priority Data Flows report casts light on progress against agreed, stable, well-defined objectives in order to allow countries to focus their resources on putting regular reporting procedures in place. We are now preparing the 3rd Multi Annual Work Programme for the Agency with plans to provide and communicate ever better information across the domains of environment, sectoral integration and sustainable development to support policy making. Obtaining high quality data via EIONET is a prerequisite for this to happen and we will continue to work in partnership with you and your networks with this overall goal in mind.

Progress has been assessed in 10 priority areas, following the inclusion of reporting for the National Emission Ceilings Directive. Information on two additional data flows (Corine Land Cover 2000, Contaminated soil) has again been provided but not included in the assessment of progress. Most data flows now cover 31 countries – see country performance analysis on page 2 – a substantially broader geographical coverage than in other ranking exercises and an aspect, which we think is a key added value of the EEA/EIONET collaboration.

My congratulations to Austria for the best performance: their consistently good results have improved even further in 2002. Sweden, Denmark and the UK have also done well again and they are joined at the top by Germany, Norway and Latvia. It is encouraging to see how many countries are now managing to sustain or even improve on good results from one year to the next. This year 14 countries (almost 50%) achieved a significant increase in their scores. Among these countries, Liechtenstein (+51%) and Italy (+32%) have made most progress compared to the previous year. There are now 12 countries (more than 33%) with scores above 70% and only seven with scores failing to reach 50%.

The Reportnet tools to facilitate data flows have contributed in part to the improved country performance. In particular the Central Data Repository service has undoubtedly helped the EFTA countries improve their reporting within EIONET. We will continue to work with NFPs to improve and integrate these tools further into the data flow activities and I would ask for your support in helping us to do so. The Reportnet tools will continue to be developed under the Interchange of Data between Administrations (IDA) programme of the European Commission up to 2006 and we look forward to continuing close co-operation with interested NFPs on this exciting collaboration.

Over the coming year, Agency staff and Topic Centres will continue to support you and your National Focal Points and National Reference Centres in your efforts to continue to provide good quality and timely data. So far we have concentrated mainly on timeliness: now we will be considering how the quality of the data can be assessed in a more systematic way to provide a clear indication of quality assurance. We will seek to interact later this year with NFPs and NRCs on how to achieve this.

In the longer term we will be examining how the EIONET Priority Data Flows and other elements of the EEA/EIONET collaboration can be used in the review of reporting being coordinated by the Commission under the 6th Environmental Action Programme.

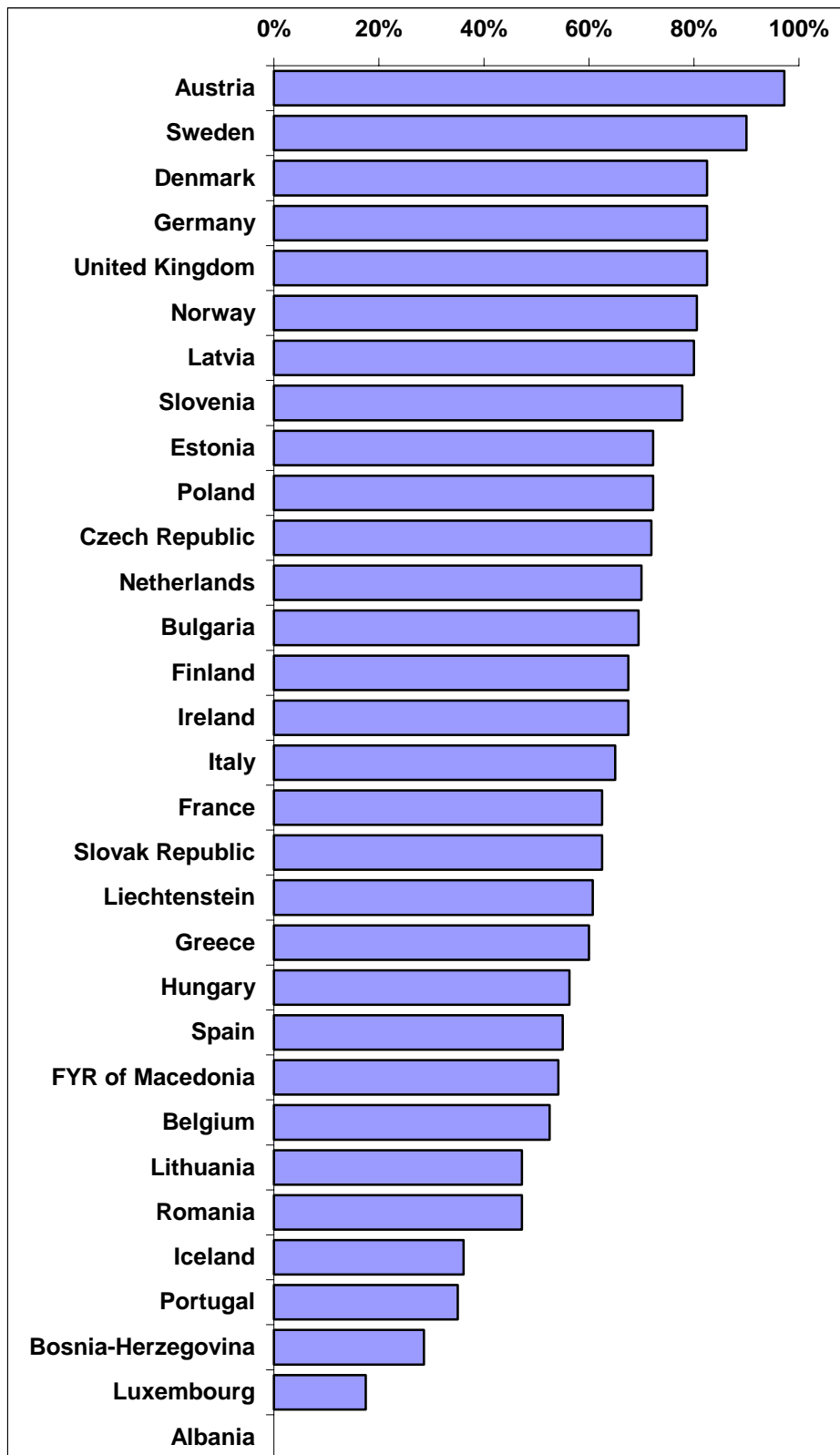
With many thanks for your continued enthusiasm and support for EIONET, I remain yours sincerely,

Jacqueline McGlade

Executive Director
European Environment Agency

EIONET Priority Data Flows:

Figure 1: Overall performance of countries in 2002



EIONET Priority Data Flows:

Table 1: Performance of countries 2000-2002

Country	No of flows	Score 2000	Score 2001	Score 2002	Trend 2001-2002	
Albania	7	0%	0%	0%	0	→
Austria	9	81%	81%	97%	+16	↑
Belgium	10	31%	50%	53%	+3	→
Bosnia-Herzegovina	7	18%	39%	29%	-11	↓
Bulgaria	9	42%	71%	69%	-2	→
Czech Republic	8	38%	75%	72%	-3	→
Denmark	10	81%	86%	83%	-4	→
Estonia	9	54%	81%	72%	-9	↘
Finland	10	61%	72%	68%	-5	→
France	10	47%	53%	63%	+10	↗
FYR of Macedonia	6	29%	42%	54%	+13	↑
Germany	10	69%	64%	83%	+19	↑
Greece	10	50%	50%	60%	+10	↗
Hungary	8	46%	68%	56%	-12	↓
Iceland	9	28%	14%	36%	+22	↑
Ireland	10	67%	61%	68%	+6	↗
Italy	10	39%	33%	65%	+32	↑
Latvia	10	50%	66%	80%	+14	↑
Liechtenstein	7	19%	9%	61%	+51	↑
Lithuania	9	36%	50%	47%	-3	→
Luxembourg	10	22%	36%	18%	-19	↓
Netherlands	10	58%	67%	70%	+3	→
Norway	9	64%	64%	81%	+17	↑
Poland	9	36%	53%	72%	+19	↑
Portugal	10	39%	33%	35%	+2	→
Romania	9	21%	21%	47%	+26	↑
Slovak Republic	8	25%	43%	63%	+20	↑
Slovenia	9	50%	66%	78%	+12	↑
Spain	10	58%	33%	55%	+22	↑
Sweden	10	47%	89%	90%	+1	→
United Kingdom	10	78%	72%	83%	+10	↑

EIONET Priority Data Flows 2002
Table 2: Summary table of country performance by data flow

Country	No of flows	Score 2002	Score 2002	EIONET Priority Data Flows										For information only	
				AE-1: CLRTAP data	AE-1: NEC data	AE-2: UNFCCC and GHG data	AQ-1: Eol data	AQ-2: Ozone data	CDDA-1: Designated areas	EWN-1: River quality	EWN-2: Lake quality	EWN-3: Groundwater quality	ME-1: Marine data	TE-1: CLC-2000 update	TE-2: Contaminated soil
Albania	7	-7	0%	-1	N/A	-1	-1	N/A	N/A	-1	-1	-1	-1	N/A	N/A
Austria	9	26	97%	3	3	3	3	3	3	2	3	3	N/A	2	3
Belgium	10	11	53%	2	2	3	3	2	1	-1	-1	1	-1	2	3
Bosnia-Herzegovina	7	1	29%	-1	N/A	-1	2	N/A	N/A	2	-1	1	-1	N/A	N/A
Bulgaria	9	16	69%	1	N/A	1	3	2	2	2	1	3	1	2	3
Czech Republic	8	15	72%	2	N/A	1	3	3	1	2	1	2	N/A	2	1
Denmark	10	23	83%	3	2	3	3	3	3	3	2	2	-1	2	3
Estonia	9	17	72%	1	N/A	1	3	2	1	2	2	3	2	2	-1
Finland	10	17	68%	1	2	3	1	2	1	2	1	3	1	2	3
France	10	15	63%	-1	2	3	3	1	2	3	1	2	-1	2	2
FYR of Macedonia	6	7	54%	-1	N/A	-1	3	N/A	N/A	2	2	2	N/A	N/A	2
Germany	10	23	83%	2	3	1	3	3	3	3	2	2	1	2	3
Greece	10	14	60%	1	1	1	3	2	1	2	1	1	1	1	2
Hungary	8	10	56%	-1	N/A	-1	1	2	3	2	1	3	N/A	2	3
Iceland	9	4	36%	-1	N/A	1	1	1	2	-1	1	-1	1	N/A	2
Ireland	10	17	68%	2	1	1	3	2	2	2	2	1	1	2	2
Italy	10	16	65%	2	1	1	1	2	2	2	1	2	2	2	3
Latvia	10	22	80%	2	3	1	3	2	3	2	1	3	2	2	3
Liechtenstein	7	10	61%	1	N/A	-1	1	1	3	2	N/A	3	N/A	2	3
Lithuania	9	8	47%	-1	N/A	-1	2	2	-1	2	1	3	1	2	3
Luxembourg	10	-3	18%	-1	-1	1	-1	2	1	-1	-1	-1	-1	2	-1
Netherlands	10	18	70%	2	3	3	3	3	-1	1	1	2	1	2	3
Norway	9	20	81%	2	N/A	1	3	3	2	2	3	2	2	N/A	3
Poland	9	17	72%	1	N/A	1	3	3	2	2	1	2	2	2	2
Portugal	10	4	35%	-1	-1	1	3	2	2	-1	1	-1	-1	2	1
Romania	9	8	47%	-1	N/A	1	3	2	1	1	1	-1	1	2	3
Slovak Republic	8	12	63%	2	N/A	1	3	1	2	2	-1	2	N/A	2	1
Slovenia	9	19	78%	1	N/A	1	3	3	3	3	1	3	1	2	-1
Spain	10	12	55%	3	1	1	1	2	1	2	1	1	-1	2	2
Sweden	10	26	90%	2	3	3	3	3	3	2	2	3	2	3	3
United Kingdom	10	23	83%	2	2	3	3	3	3	2	3	3	-1	2	2

Overall approach for scoring

The following simple rules have been applied for the evaluation of the overall country performance in Table 1 and 2:

1. For each data flow, the maximum score is 3 points (😊😊😊) and the minimum score is -1 point (😞) Please see the following pages for the definition of individual scoring criteria per data flow area.
2. Scores from all data flow areas are summed up for each country and then expressed as a percentage of the country's maximum score. Maximum scores are country specific, as not all countries are involved in all EIONET Priority Data Flows. 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.

An example : Liechtenstein

Liechtenstein is involved in 7 out of the 10 EIONET Priority Data Flows, as the country does not have to deliver NEC data (data flow for EU15 member states only), nor lake data (there is no lake in Liechtenstein) or marine data.

The maximum score is: 7 data flows x 3 points = 21 points

The minimum score is: 7 data flows x (-1) point = -7 points

The actual score 2002 is: 10 points, which equals to 61% of the scale -7 ... 21 points:

$$\frac{10 + 7}{21 + 7} \times 100 = 61 \%$$

N/A

N/A means not applicable. Mainly because country not (yet) involved in a data flow area. Furthermore, some countries like Austria are not party to relevant marine conventions.

Trend 2001-2002

In Table 1, the trend of country performance 2001-2002 is indicated. The arrows show the overall trend in the following 5 categories:


- ↑ Strong positive trend. Score has improved by more than 10%.
- ↗ Positive trend. Score has improved between 5% and 10%.
- No clear trend. Score has changed by less than 5%.
- ↘ Negative trend. Score has deteriorated between 5% and 10%.
- ↓ Strong negative trend. Score has deteriorated by more than 10%.

Timetable for EIONET Priority Data Flows

Below an overview on the deadlines for delivering data under the EIONET Priority Data Flows 2002. The reporting cycle started with the delivery of ozone data in the summer and ended (for the majority of countries) on 15 February 2003 with the delivery of CLTRAP data.

Timetable for EIONET Priority Data Flows 2002	
AQ-2: Validated ozone data for previous year	14 Aug 2002
AQ-2: Monthly ozone data for current year	17 Sep 2002
AQ-1: Exchange of Information (EoI) data	Oct 2002
EWN-123: Rivers, Lakes and Groundwater data	31 Dec 2002
CDDA-1: Nationally designated areas	31 Dec 2002
AE-1: NEC data	31 Dec 2002
AE-2: UNFCCC and GHG data	31 Dec 2002
TE-1: CLC 2000 update progress	31 Dec 2002
TE-2: Contaminated soil data	31 Dec 2002
ME-1: Marine data	31 Jan 2003
AE-1: CLRTAP data	15 Feb 2003

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European Environment Agency 

Below are the preliminary timetable for data deliveries in 2003. In most cases, the deadlines for data deliveries are equal or similar to those from the previous year. The deadline for the CDDA data flow 2003 was very early, in order to match UNEP's timetable for updating the global United Nations List of Protected Areas.

Preliminary timetable for EIONET Data Flows 2003	
CDDA-1: Nationally designated areas	22 Mar 2003
AQ-2: Validated ozone data for previous year	Aug 2003
AQ-2: Monthly ozone data for current year	Sep 2003
AQ-1: Exchange of Information (EoI) data	Oct 2003
EWN-123: Rivers, Lakes and Groundwater data	Dec 2003 *
ME-1: Marine data	Dec 2003 *
AE-2: UNFCCC and GHG data	Dec 2003
TE-1: CLC 2000 update progress	Dec 2003
AE-1: NEC data	Dec 2003
TE-2: Contaminated soil data	Dec 2003
AE-1: CLRTAP data	Feb 2004

Link to the online timetable: [ROD Deadlines](#) * = possibly Jan 2004

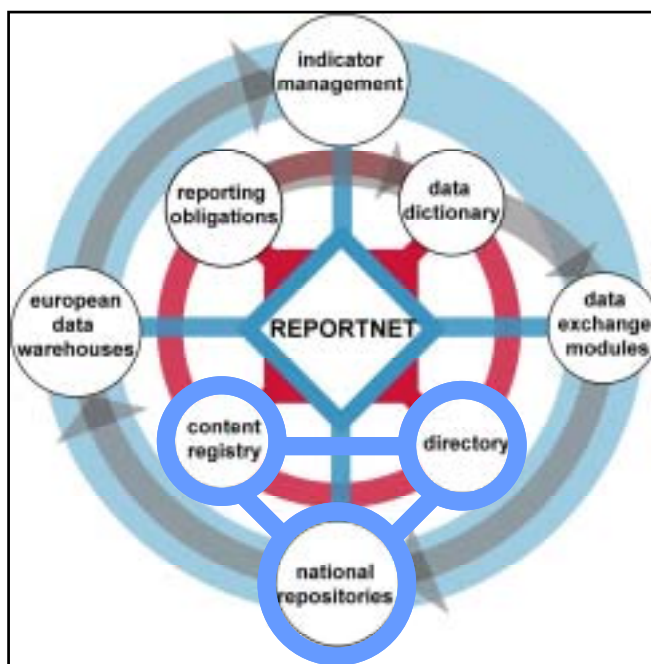
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European Environment Agency 

Reportnet implementation

Reportnet is both an infrastructure and a set of web tools for improving data and information flows. Reportnet builds on the active use of the World Wide Web.

EIONET Priority Data Flows make best use of available Reportnet tools. EIONET directory, national repositories and content registry are being used for the collection of data in all priority data flow areas. The tools facilitate data deliveries and ensure an efficient monitoring of data flows in a transparent reporting system.



EIONET directory

All EIONET Priority Data Flows involve National Reference Centres (NRCs) in the countries' networks. All address and contact information on NRCs is stored in the EIONET directory, which holds the data for about 800 nominated National Reference Centres from more than 330 organisation in all EEA member countries and collaborating countries. Updating of directory information is directly done by the countries.

All communication relevant to EIONET Priority Data Flows is sent via the role based mailing function of the EIONET Directory. The following NRCs are the data providers for the priority data flows:

AE-1	CLRTAP data	NRC Air and GHG Emissions
AE-1	NEC data	NRC Air and GHG Emissions
AE-2	UNFCCC and GHG data	NRC Air and GHG Emissions
AQ-1	EoI data	NRC Air Quality
AQ-2	Ozone data	NRC Air Quality
CDDA-1	Designated areas	NRC Nature Protection
EWN-1	River quality	NRC River Quality
EWN-2	Lake quality	NRC Lake Quality
EWN-3	Groundwater quality	NRC Groundwater Quality
ME-1	Marine data	NRC Coastal Water Quality NRC Marine Water Quality
TE-1	CLC 2000 update	NRC Land Cover
TE-2	Contaminated soil	NRC Contaminated Soil

National repositories

National repositories are a stable location for national data deliveries instead of ad-hoc data transmission in form of e-mail attachments. Systematic implementation of data repositories for EIONET Priority Data Flows started in June 2002 when countries were offered the following two options for the storage of national data:

- distributed national data repositories implemented in CIRCA or
- the Central Data Repository (CDR) at EEA.

The basic requirement for a successful implementation of this core element of the Reportnet framework is that every country clearly identifies and uses one of the proposed repository options. In both cases, countries have the responsibility for uploading their data.

23 countries have chosen CDR as the place for storing their data files, 7 countries have decided to use their national CIRCA for this purpose:.

Central Data Repository (CDR)

Most countries have decided to use CDR for storing their national data. More than 270 data envelopes have been created by national data providers during 2002 and early 2003. The data envelopes contain an overall number of 1,500 data files with a total size of 1.6 Gigabyte. The biggest data file in CDR has a size of 348 Megabyte (AQ-1 EoI data from Poland), the smallest file with a size of only 23 Bytes is an explanatory text note for a map on the main groundwater bodies of Poland (delivered for EWN-3 Groundwater data flow).

Most of the data envelopes are directly related to data deliveries for EIONET Priority Data Flows. However, there is an increasing number of data envelopes related to other data flows (currently 66 data envelopes, i.e. about 25%). This fact clearly indicates that some countries are starting to use the Reportnet tool CDR for delivering data to other organisations and reporting systems. A further 3 countries: Andorra, Monaco and Switzerland, have already begun to deliver data in CDR for the CDDA 2003 data flow.

Content registry (CR)

The content registry enables transparent tracking of data delivered under the EIONET Priority Data Flows.

Meta-information about data uploads is harvested every night and searchable through a web-interface.



CLRTAP data

Background information and detailed criteria for scoring

AE-1 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 in agreed national data repository .
Related regular EEA products	<p>Annual European Community CLRTAP emission inventory: 1980-98 1990-99 EEA Data service: Acidification, Ozone precursors TERM 2000 and 2001 : Indicator Air emission Signals 2000: 3 Energy use, 4 The energy sector, 5 Transport, 7 Industry, 10 Air pollution Signals 2001and 2002 : Air Quality</p> <p><i>EEA has an agreement that LRTAP/EMEP provides annually in July the validated emission data of all 40+ EMEP countries to ETC/ACC. These data, together with the data submitted directly to EEA through the priority data flow project, are used in all regular EEA products. This procedure is followed because currently not all EEA member countries submit copies of their LRTAP/EMEP inventories to EEA through the priority data flow project.</i></p>
	Complete time series made available from 1980 to 2000 for all pollutants SO ₂ , NO _x , CO, NMVOC, NH ₃ by 15/02/2003.
	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.
Reminder	Sent on 5 February 2003

Summary of national data deliveries





Countries were asked, as previously, to provide a copy of their official submission to the Convention on Long Range Transboundary Air Pollution. This year the data should have been posted in the agreed national data repository.

The timeliness of this data flow improved greatly during 2002 with 15 countries delivering on time and 2 further countries delivering with only a slight delay compared to the previous year when only 5 countries managed to deliver on time and a further 5 with a slight delay.

However 10 countries still did not provide any information at all in 2002, and most of these have never delivered for the data flow, so there are still problems to resolve.

NEC data

Background information and detailed criteria for scoring





NEC data	Scoring criteria based on completeness of time series of requested pollutants included in national submission under the National Emissions Ceilings Directive (NEC). It is critical for the EIONET Priority Data Flow that a copy of the national submission is made available electronically in good time and in agreed national data repository .
Related regular EEA products	As for CLRTAP.
	Complete time series made available from 1980 to 2000 for all pollutants SO ₂ , NO _x , NMVOC, NH ₃ by 31/12/2002.
	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.
Reminder	Sent on 5 February 2003

Summary of national data deliveries

The data flow under the National Emissions Ceiling Directive began in 2002, which was also the first year for reporting under this EU obligation. 13 EU countries delivered data, although several have not posted a copy in their national data repository. Latvia also supplied the requested information. No information was available for Portugal and Luxembourg.

UNFCCC and GHG data

Background information and detailed criteria for scoring

AE-2 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 CO ₂ and other greenhouse gas emissions). It is critical for the EIONET Priority Data Flow that a copy of the national submission is made available electronically and in good time in agreed national data repository .
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 and 2001: Air emissions 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 NO _x , CO, NMVOC made available by 31/12/2002.
	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.
Reminder	Sent on 5 February 2003

Summary of national data deliveries





EU and accession countries were again asked to provide copies of their national submissions to the EU Greenhouse Gas Monitoring Mechanism (EU GHG MM) and the other EIONET countries were asked to provide copies of submissions under the UN Framework Convention on Climate Change. Electronic deliveries to the EU GHG MM as agreed by its Committee meeting in September 2000 were accepted in addition to deliveries in the national data repositories.

Despite the high profile of this data flow only 10 countries delivered by the relevant deadline and even some of these deliveries were only partial. However 15 more countries have now delivered data. Six countries did not provide any information in 2002: of these Albania was participating for the first time and Hungary delivered data to EIONET in 2001 but Bosnia-Herzegovina, Former Yugoslav Republic of Macedonia, Liechtenstein and Lithuania have never provided this data to EIONET.

Several accession countries were penalised for delayed deliveries because they did not realise that they were expected to deliver to EIONET according to the EU GHG deadline of 31 December. This point should be made more clearly in the criteria for 2003.

EoI data

Background information and detailed criteria for scoring

AQ-1 EoI data	Scoring criteria based on timeliness of reporting in latest year and availability of data for Particulate Matter.
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: 10. Air pollution
	2001 data delivery in time and includes Particulate Matter (Black Smoke, TSP, PM10 or PM2,5)
	2001 data delivery in time i.e. in October 2002
	2001 data delivery delayed.
	No 2001 data delivery
Data request	Sent on 19 July 2002





Summary of national data deliveries

In this priority data flow area, countries were asked to deliver their 2001 data to EIONET before the end of October 2002. The Exchange of Information and the associated EuroAirNet process is one of the most mature data flows in the EIONET. The summer timing of the Reportnet agreement to use national data repositories meant that the deliveries for most countries under this data flow still followed the old process for 2002.

The full score (delivery on time plus data on Particulate Matter) was gained by 21 countries and 2 further countries also delivered by the deadline. This was achieved despite some technical problems. Six more countries delivered after the EIONET deadline. Albania and Luxembourg have not provided any data to EIONET in this area for the last 3 years.

Ozone data

Background information and detailed criteria for scoring

AQ-2 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: 1995 1996 1997 1998 1999 summer 2001 summer 2002 TERM 2000: Indicator 3: Exceedance of air quality standards TERM 2001: Environmental consequences of transport Signals 2000: 10. Air pollution Signals 2001 and 2002: 10.2 Ozone
	Data delivered in time and additional information on station type, altitude of stations provided.
	Validated ozone 2001 data should be forwarded before 18 August 2002. Exceedance data for the period April-August 2002 should be reported before 16 September 2002.
	Data delivery delayed.
	No data delivery.
Data request	Sent on 11 June 2002





Summary of national data deliveries

All countries required to deliver data on ozone exceedances did provide data in 2002, which shows that national reporting on this issue is at a mature stage.

24 countries delivered on time and 4 were late. However only 10 countries managed to provide the additional information requested about the monitoring stations. This additional data is important for the assessments on ground-level ozone made by EEA.

Designated areas

Background information and detailed criteria for scoring

CDDA-1 Designated areas	Scoring criteria based on the quality of the most recent data made available. Data must be made available electronically in the agreed national data repository , preferably by updating the pre-filled database provided by ETC/NPB. Centre co-ordinates reporting has been given the greatest weighting since having size of area is of little use if it can't be geo-referenced. Digital boundaries of designated areas are ideally needed but are not part of this evaluation as yet.
Related regular EEA products	Routine dissemination of dataset to DG ENV, EUROSTAT, UNEP EEA Data service: Nationally designated areas
	Designated areas made available by 31/12/2002 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.
Data request	Sent June 2000 and November 2001 (Next data request will be issued early 2003)

Summary of national data deliveries





The geographical coverage of the data flow concerning nationally designated areas was widened from 18 to 28 countries during 2002. Ten of the accession countries were asked to provide their data for the first time. The assessment in this report also covers the deliveries made by the 18 original countries during 2001 including any updates if these were provided on a voluntary basis.

9 countries have now provided datasets in which 95% of the records have the attributes, which allow the EEA to use the data for assessment purposes. A further 9 have provided at least 66% of records with these attributes and 8 countries have provided at least 30%. Lithuania did not deliver any data and Netherlands has not yet managed to improve the quality of the data provided.

The 2003 data flow has already taken place in order to match the reporting timetable of UNEP and the assessment will be in the next EIONET progress report. Some countries will have improved on the status noted in this report.

EUROWATERNET Rivers, Lakes and Groundwater

Background information and detailed criteria for scoring

<p>EWN-1 EWN-2 EWN-3</p> <p>EUROWATERNET Rivers Lakes Groundwater</p>	<p>Separate are scores given for data deliveries under EUROWATERNET-Rivers, EUROWATERNET-Lakes and EUROWATERNET-Groundwater.</p> <p>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.</p> <p>Availability of quality 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 nitrate and ammonium data for identified groundwater bodies).</p>		
<p>Related regular EEA products</p>	<p>WATERBASE: WATERBASE data in the EEA Dataservice Signals 2000: Chapter 13. Eutrophication Signals 2001 and 2002: Chapter 11. River water quality</p>		
	<p>Rivers:</p>	<p>Lakes:</p>	<p>Groundwater:</p>
<p></p>	<p>1. Data delivery 2002 to national repository in time, and 2. More than 75% of sites identified and long time series (more than 10 years) for ammonium, nitrate and phosphorus available.</p>	<p>1. Data delivery 2002 to national repository in time, and 2. More than 75% of sites identified.</p>	<p>1. Data delivery 2002 to national repository in time, and 2. General description and quality data for nitrate and ammonium for more than 75% of identified important groundwater bodies are available.</p>
<p></p>	<p>1. Data delivered in 2002, and 2. More than 50% of sites identified.</p>	<p>1. Data delivered in 2002, and 2. More than 50% of sites identified.</p>	<p>1. Data delivered in 2002, and 2. General description or quality data for more than 50% of identified important groundwater bodies are available.</p>
<p></p>	<p>Less than 50% of sites identified.</p>	<p>Less than 50% of sites identified.</p>	<p>Groundwater bodies identified.</p>
<p></p>	<p>No data delivery under EUROWATERNET.</p>		
<p>Data request</p>	<p>Early notice sent on 17 July 2002. Data request sent on 14 October 2002.</p>		

EUROWATERNET Rivers, Lakes and Groundwater

Summary of national data deliveries

The data request for this priority data flow area was sent in mid-October 2002. Countries had about 10 weeks time to deliver updated EUROWATERNET information (deadline for data deliveries: 31 December 2002).

About 2/3 of the countries delivered data for the EUROWATERNET update 2002, which is an improvement compared to the previous year where a response rate of nearly 60% was achieved.

EUROWATERNET-Rivers:

19 countries delivered updated River quality on time. Furthermore, 5 countries delivered their data with delay between January and May 2003. 7 countries did not deliver data under the EUROWATERNET data collection 2002, of which 5 countries have never provided any EUROWATERNET-Rivers data.

EUROWATERNET-Lakes

16 countries delivered data on time and there was only 1 delayed delivery. 13 countries did not deliver an update of the lake quality data: EUROWATERNET-Lakes has the lowest response rate (57%) among the 3 EUROWATERNET modules.

EUROWATERNET-Groundwater

20 countries delivered data on time. 1 country provided groundwater data after the deadline. 10 countries did not deliver data under the EUROWATERNET data collection 2002, of which 5 countries have never provided any EUROWATERNET-Groundwater data.





Reference WATERBASE

Reference WATERBASE is the EEA database containing nationally validated, aggregated data on Europe's rivers, lakes and groundwater bodies collected from EEA member countries and collaborating countries through the EUROWATERNET process. The data are primarily used in the production of the EEA's indicator-based factsheets.

Reference WATERBASE contains information, applications and downloadable files on European river, lake and groundwater data. The database is part of the EEA Data Service. Reference WATERBASE is [available on public Internet](#).

Marine data

Background information and detailed criteria for scoring

ME-1 Marine data	Unlike in previous years, real data deliveries from countries have been monitored and evaluated in 2002. The proposed new data collection framework for this priority data flow area is described in the request for data collection and the related guidance document .
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.
	Data delivered in time and in the requested format and level of detail.
	Delayed data delivery.
	No data delivery.
Data request	Early notice sent on 17 July 2002. Data request sent on 8 November 2002

Summary of national data deliveries

The marine data request was sent in early November 2002, the deadline for data deliveries was 31 January 2003. This data flow is only covering 25 countries, as 6 countries are not party to any relevant marine convention.

Only 6 countries delivered data on time. 10 countries delivered their data with delay between February and early June 2003. There are no data deliveries for 9 countries.





Relationship to Marine Conventions' data collection

The marine data request stated: "It is not the intention that the EUROWATERNET data flow should require countries to make duplicate supplies of data and so any data already submitted to the Marine Conventions need not be re-supplied through the EUROWATERNET process. It will be requested directly from the Marine Conventions. The content and format of the data request is the same for both the Marine Conventions and individual countries."

However, the experience of the marine data collection 2002 has shown that the data exchange between EEA and Marine Conventions needs improvement. Only part of the data delivered by the countries to the Marine Conventions is available for use by EEA. The problems with access to Marine Conventions' data have to be addressed by all involved parties (EEA, Marine Conventions and member countries) in order to achieve a transparent and non-redundant data reporting in this priority area.

CLC 2000 update

Background information and detailed criteria for scoring

TE-1 CLC 2000	Criteria used here is whether there is evidence of progress in national preparations for CLC2000.
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 Signals 2000: 14 Wetlands Signals 2001: Nature grasslands Signals 2002: Fragmentation of land and forests
	Data delivered by 31 December 2002.
	National CLC2000 Project Management Plan in place by 31/12/2002.
	National CLC2000 commitment in place by 31/12/2002.
	National CLC2000 commitment not in place by 31/12/2002.
Data request	CLC2002 Steering Committee meeting November 2002





Summary of progress in the countries

The update of Corine Land Cover (CLC2000) is an important and expensive exercise to make available objective data according to a common methodology for a large part of Europe. 24 countries are progressing according to their agreed national timetables. Sweden delivered data in their national data repository ahead of schedule. In Greece, the national project was encountering delays. At 31/12/2002, Iceland and Norway had not expressed interest in participating in the project.

N.B. The scores from this data flow are once again not included in the overall assessment because an agreed process for widening the scope of the priority data flows exercise is not yet in place. The scores are provided in this report for information only.

Contaminated soil

Background information and detailed criteria for scoring

TE-2 Contaminated soil	Regular annual deliveries to the agreed national data repository 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.
Related regular EEA products	EIONET Data service: Soil contamination datasets EEA Indicators: Contamination from localised sources EIONET review 2002
	Data made available on all 3 categories by 31/12/2002.
	Data made available on 2 categories by 31/12/2002.
	Data made available on 1 category by 31/12/2002.
	No data made available by 31/12/2002.
Data request	Sent December 2000 and February 2002

Summary of national data deliveries

The development of the thematic strategy on soil is moving ahead and during 2002 the Agency widened the geographical coverage of the data flow on soil contamination from 18 to 29 countries. 11 eastern Europe countries received the first request to make national information available. The assessment in this report also covers the reporting by the original 18 countries during 2001 and includes any updates which they may have made on a voluntary basis.

15 countries have provided information in on all the requested issues. A further 8 countries have provided partial information. 3 countries have made limited information available. Luxembourg, Estonia and Slovenia had not delivered any information by 31/12/2002.

N.B. The scores from this data flow are once again not included in the overall assessment because an agreed process for widening the scope of the priority data flows exercise is not yet in place. The scores are provided in this report for information only.

EIONET Priority Data Flows: History and background material

The EIONET Priority Data Flows focus on agreed, stable and well-defined data collection areas in order to allow countries to focus their resources to put regular data reporting procedures in place. All data collected in the priority areas are used in EEA's regular indicator-based reporting.

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.

In 2001, it was decided to adopt an annual cycle for the priority data flow progress reporting. Most reporting deadlines fall in the second half of the calendar year with a few falling in late January and February. It is not efficient to assess the data deliveries and begin the preparation of the report until the deadlines and a buffer period for delayed deliveries have passed.

The fifth progress report to the Management Board was analysing progress with EIONET data flows in 2001. The final report was available in May 2002.

The present sixth progress report describes the progress of EIONET Priority Data Flows in 2002.

A first analysis was prepared in January 2003 and presented to the NFP/EIONET meeting in early February. Monitoring of data deliveries for selected data flow areas continued until the end of April 2003. The final version of the report was then prepared in May/early June 2003.

In order to make the analytical process transparent, all 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](#).

Table3: Detailed analysis by country and data flow



















Country	Data Flow Name	Progress 2000	Progress 2001	Progress 2002	Remarks
Albania	AE-1: CLRTAP data	Not applicable			No information made available by 27 February..
Albania	AE-1: NEC data	Data flow not included in 2000	Data flow not included in 2001	Not applicable	Data flow is relevant for EU15 countries only.
Albania	AE-2: UNFCCC and GHG data	Not applicable	Not applicable		No data delivery.
Albania	AQ-1: Eol data				No data delivery.
Albania	AQ-2: Ozone data	Data flow not included in 2000	Not applicable	Not applicable	Not applicable.
Albania	CDDA-1: Designated areas	Not applicable	Not applicable	Not applicable	Not included in request.
Albania	EWN-1: River quality				No river data delivered for EUROWATERNET Data Collection 2002. No deliveries under earlier data collection.
Albania	EWN-2: Lake quality				No lake data delivered for EUROWATERNET Data Collection 2002. No deliveries under earlier data collection.
Albania	EWN-3: Groundwater quality				No groundwater data delivered for EUROWATERNET Data Collection 2002. No deliveries under earlier data collection.
Albania	ME-1: Marine data				No data delivery.
Albania	TE-1: CLC-2000 update	Data flow not included in 2000	Not applicable	Not applicable	Not applicable.
Albania	TE-2: Contaminated soil	Data flow not included in 2000	Not applicable	Not applicable	Not applicable.

Table3: Detailed analysis by country and data flow

Country	Data Flow Name	Progress 2000	Progress 2001	Progress 2002	Remarks
Austria	AE-1: CLRTAP data	😊😊😊	😊😊😊	😊😊😊	Full time series delivered on time. Additional data also provided.
Austria	AE-1: NEC data	Data flow not included in 2000	Data flow not included in 2001	😊😊😊	Time series for all pollutants delivered in time.
Austria	AE-2: UNFCCC and GHG data	😊😊😊	😊😊	😊😊😊	Full time series on time
Austria	AQ-1: Eol data	😊😊😊	😊😊😊	😊😊😊	Data delivered in time. Data on particulate matter available 2001.
Austria	AQ-2: Ozone data	Data flow not included in 2000	😊😊😊	😊😊😊	Data delivered in time. Additional requested data included.
Austria	CDDA-1: Designated areas	😊😊	😊😊	😊😊😊	Voluntary data delivery in 2002. Approx. 1100 sites all now with required attributes.
Austria	EWN-1: River quality	😊😊	😊😊	😊😊	Data delivered in time. Number of reported river stations far above the target number. Only short time series (1-10 years) for total ammonium, nitrate and total phosphorus data.
Austria	EWN-2: Lake quality	😊😊	😊	😊😊😊	Data for EUROWATERNET Data Collection 2002 delivered in time. 75% of lake stations identified.
Austria	EWN-3: Groundwater quality	😊	😊😊	😊😊😊	Update of groundwater data provided in time. 14 important groundwater bodies identified. Quality data available for all of them.
Austria	ME-1: Marine data	Not applicable	Not applicable	Not applicable	Country does not have a coastline.
Austria	TE-1: CLC-2000 update	Data flow not included in 2000	😊😊	😊😊	National project on schedule.
Austria	TE-2: Contaminated soil	Data flow not included in 2000	😊😊😊	😊😊😊	Data made available on all requested categories.

Table3: Detailed analysis by country and data flow

























Country	Data Flow Name	Progress 2000	Progress 2001	Progress 2002	Remarks
Belgium	AE-1: CLRTAP data		 	 	Partial time series provided plus additional information. Delivered on time.
Belgium	AE-1: NEC data	Data flow not included in 2000	Data flow not included in 2001	 	Time series to 2000 delivered with a slight delay.
Belgium	AE-2: UNFCCC and GHG data	 	 	  	Full time series on time
Belgium	AQ-1: Eol data	  	  	  	Data delivered in time. Data on particulate matter available 2001.
Belgium	AQ-2: Ozone data	Data flow not included in 2000	  	 	Data delivered in time.
Belgium	CDDA-1: Designated areas				2001 assessment unchanged.
Belgium	EWN-1: River quality				No river data delivered for EUROWATERNET Data Collection 2002. No deliveries under earlier data collection.
Belgium	EWN-2: Lake quality				No lake data delivered for EUROWATERNET Data Collection 2002. No deliveries under earlier data collection.
Belgium	EWN-3: Groundwater quality				No quality data delivered in 2002, but country responded to ETC questionnaire.
Belgium	ME-1: Marine data				No data delivery.
Belgium	TE-1: CLC-2000 update	Data flow not included in 2000	 	 	National project on schedule.
Belgium	TE-2: Contaminated soil	Data flow not included in 2000	  	  	Data made available on all requested categories.

Table3: Detailed analysis by country and data flow






















Country	Data Flow Name	Progress 2000	Progress 2001	Progress 2002	Remarks
Bosnia-Herzegovina	AE-1: CLRTAP data				No information made available by 27 February.
Bosnia-Herzegovina	AE-1: NEC data	Data flow not included in 2000	Data flow not included in 2001	Not applicable	Data flow is relevant for EU15 countries only.
Bosnia-Herzegovina	AE-2: UNFCCC and GHG data				No data delivery.
Bosnia-Herzegovina	AQ-1: Eol data				Data delivered in time.
Bosnia-Herzegovina	AQ-2: Ozone data	Data flow not included in 2000	Not applicable	Not applicable	Not applicable.
Bosnia-Herzegovina	CDDA-1: Designated areas	Not applicable	Not applicable	Not applicable	Not included in request.
Bosnia-Herzegovina	EWN-1: River quality				Data delivered in time. 36 stations (71%) identified for EUROWATERNET. Only very short time series (2 years) for total ammonium, nitrate and total phosphorus data.
Bosnia-Herzegovina	EWN-2: Lake quality				No lake data delivered for EUROWATERNET Data Collection 2002. No deliveries under earlier data collection.
Bosnia-Herzegovina	EWN-3: Groundwater quality				No groundwater data delivered in 2002. Only general descriptions for 2 groundwater bodies available from earlier data collection.
Bosnia-Herzegovina	ME-1: Marine data				No data delivery.
Bosnia-Herzegovina	TE-1: CLC-2000 update	Data flow not included in 2000	Not applicable	Not applicable	Not applicable.
Bosnia-Herzegovina	TE-2: Contaminated soil	Data flow not included in 2000	Not applicable	Not applicable	Not applicable.

Table3: Detailed analysis by country and data flow























Country	Data Flow Name	Progress 2000	Progress 2001	Progress 2002	Remarks
Bulgaria	AE-1: CLRTAP data				Emissions of main pollutants, priority metals and persistent organic compounds for 2001. Delivery on time
Bulgaria	AE-1: NEC data	Data flow not included in 2000	Data flow not included in 2001	Not applicable	Data flow is relevant for EU15 countries only.
Bulgaria	AE-2: UNFCCC and GHG data				Data delivered with delay.
Bulgaria	AQ-1: EoI data				Data delivered in time. Data on particulate matter available 2001.
Bulgaria	AQ-2: Ozone data	Data flow not included in 2000			Data for April and explanatory note delivered.
Bulgaria	CDDA-1: Designated areas	Not applicable	Not applicable		Data delivered in time. Over 700 sites, more than 66% have required attributes.
Bulgaria	EWN-1: River quality				Data delivered in time. More than the target number of river stations identified but only short time series (1-10 years) of quality data available.
Bulgaria	EWN-2: Lake quality				No lake quality data for provided in 2002. 52% of lake stations identified.
Bulgaria	EWN-3: Groundwater quality				Update of groundwater data provided in time. 74 groundwater bodies selected for EWN. General descriptions and quality data available.
Bulgaria	ME-1: Marine data	Not applicable	Not applicable		Data delivered with delay. (Black Sea data is now included in marine data collection.)
Bulgaria	TE-1: CLC-2000 update	Data flow not included in 2000			National project on schedule.
Bulgaria	TE-2: Contaminated soil	Data flow not included in 2000	Not applicable		Data made available on all requested categories.

Table3: Detailed analysis by country and data flow

























Country	Data Flow Name	Progress 2000	Progress 2001	Progress 2002	Remarks
Czech Republic	AE-1: CLRTAP data				Time series from 1990 for all main pollutants. Times series from 1980 for 3 out 5. Delivery on time.
Czech Republic	AE-1: NEC data	Data flow not included in 2000	Data flow not included in 2001	Not applicable	Data flow is relevant for EU15 countries only.
Czech Republic	AE-2: UNFCCC and GHG data				Data delivered with delay.
Czech Republic	AQ-1: Eol data				Data delivered in time. Data on particulate matter available 2001.
Czech Republic	AQ-2: Ozone data	Data flow not included in 2000			Data delivered in time. Additional requested data included.
Czech Republic	CDDA-1: Designated areas	Not applicable	Not applicable		Delayed delivery.
Czech Republic	EWN-1: River quality				Data delivered with delay. 90% of stations identified. Only short time series (7-8 years) of quality data are available.
Czech Republic	EWN-2: Lake quality				No data delivered in 2002. From earlier data collection: some data are available.
Czech Republic	EWN-3: Groundwater quality				Groundwater data delivered in time. Quality data available but general descriptions of groundwater bodies are missing.
Czech Republic	ME-1: Marine data	Not applicable	Not applicable	Not applicable	Country does not have a coastline.
Czech Republic	TE-1: CLC-2000 update	Data flow not included in 2000			National project on schedule.
Czech Republic	TE-2: Contaminated soil	Data flow not included in 2000	Not applicable		Partial information made available.

Table3: Detailed analysis by country and data flow

Country	Data Flow Name	Progress 2000	Progress 2001	Progress 2002	Remarks
Denmark	AE-1: CLRTAP data	😊😊	😊😊	😊😊😊	Full time series delivered on time. Additional data also provided.
Denmark	AE-1: NEC data	Data flow not included in 2000	Data flow not included in 2001	😊😊	Time series for all pollutants delivered in time but not in national repository.
Denmark	AE-2: UNFCCC and GHG data	😊😊	😊😊😊	😊😊😊	Full time series on time
Denmark	AQ-1: Eol data	😊😊😊	😊😊😊	😊😊😊	Data delivered in time. Data on particulate matter available 2001.
Denmark	AQ-2: Ozone data	Data flow not included in 2000	😊😊😊	😊😊😊	Data delivered in time. Additional requested data included.
Denmark	CDDA-1: Designated areas	😊😊😊	😊😊😊	😊😊😊	2001 assessment unchanged.
Denmark	EWN-1: River quality	😊😊😊	😊😊😊	😊😊😊	Aggregated river data provided in time. All river sites identified. Long time series on ammonium and phosphorus concentration in rivers.
Denmark	EWN-2: Lake quality	😊😊😊	😊😊	😊😊	Update of lake quality data for provided with delay. All lake stations identified.
Denmark	EWN-3: Groundwater quality	😊	😊	😊😊	Update of groundwater data provided in time. 3 groundwater bodies identified and described.
Denmark	ME-1: Marine data	😊😊	😊😊	😞	No data delivery.
Denmark	TE-1: CLC-2000 update	Data flow not included in 2000	😊	😊😊	National project on schedule.
Denmark	TE-2: Contaminated soil	Data flow not included in 2000	😊😊	😊😊😊	Data made available on all requested categories.

Table3: Detailed analysis by country and data flow




























Country	Data Flow Name	Progress 2000	Progress 2001	Progress 2002	Remarks
Estonia	AE-1: CLRTAP data				Emissions of main pollutants, priority metals and persistent organic compounds for 2001. Delivery on time
Estonia	AE-1: NEC data	Data flow not included in 2000	Data flow not included in 2001	Not applicable	Data flow is relevant for EU15 countries only.
Estonia	AE-2: UNFCCC and GHG data				Data delivered with delay.
Estonia	AQ-1: EoI data				Data delivered in time. Data on particulate matter available 2001.
Estonia	AQ-2: Ozone data	Data flow not included in 2000			Data delivered in time.
Estonia	CDDA-1: Designated areas	Not applicable	Not applicable		Data delivered in time. Over 2300 sites, more than 66% with size and centre coordinates but IUCN categories are missing.
Estonia	EWN-1: River quality				Data delivered in time. All river stations identified. Short time series (8-10 years) on ammonium, nitrate and total phosphorous concentration available.
Estonia	EWN-2: Lake quality				Update of lake quality data provided in time. About 50% of lake stations identified.
Estonia	EWN-3: Groundwater quality				Update of groundwater data delivered in time. 35 groundwater bodies identified. General descriptions and quality data are available.
Estonia	ME-1: Marine data				Data delivered in time.
Estonia	TE-1: CLC-2000 update	Data flow not included in 2000			National project on schedule.
Estonia	TE-2: Contaminated soil	Data flow not included in 2000	Not applicable		No data delivery.

Table3: Detailed analysis by country and data flow

Country	Data Flow Name	Progress 2000	Progress 2001	Progress 2002	Remarks
Finland	AE-1: CLRTAP data	😊	😊	😊	Data delivered but not in national repository.
Finland	AE-1: NEC data	Data flow not included in 2000	Data flow not included in 2001	😊😊	Data for 2000 - 2001 for all pollutants delivered in time but not in national repository.
Finland	AE-2: UNFCCC and GHG data	😊	😊😊😊	😊😊😊	Full time series on time
Finland	AQ-1: Eol data	😊😊😊	😊😊😊	😊	Data delivered with delay.
Finland	AQ-2: Ozone data	Data flow not included in 2000	😊😊😊	😊😊	Data delivered in time.
Finland	CDDA-1: Designated areas	😊	😊	😊	2001 assessment unchanged.
Finland	EWN-1: River quality	😊😊	😊😊	😊😊	Data delivered in with much delay. 58% of stations identified. Long time series on ammonium and phosphorus concentration available.
Finland	EWN-2: Lake quality	😊😊😊	😊	😊	No data delivered in 2002. Lake sites identified and data delivered under earlier data collection.
Finland	EWN-3: Groundwater quality	😊	😊	😊😊😊	Update of groundwater data delivered in time. General descriptions and quality data for 41 groundwater bodies are available.
Finland	ME-1: Marine data	😞	😊😊	😊	Data delivered with delay. Only aggregated data provided. Some open issues have to be solved still.
Finland	TE-1: CLC-2000 update	Data flow not included in 2000	😊😊	😊😊	National project on schedule.
Finland	TE-2: Contaminated soil	Data flow not included in 2000	😊😊😊	😊😊😊	Data made available on all requested categories.

Table3: Detailed analysis by country and data flow































Country	Data Flow Name	Progress 2000	Progress 2001	Progress 2002	Remarks
France	AE-1: CLRTAP data				No information made available by 27 February..
France	AE-1: NEC data	Data flow not included in 2000	Data flow not included in 2001	 	Time series for all pollutants delivered but not in national repository.
France	AE-2: UNFCCC and GHG data		  	  	Full time series on time
France	AQ-1: Eol data			  	Data delivered in time. Data on particulate matter available for 2001.
France	AQ-2: Ozone data	Data flow not included in 2000			Data delivered with delay.
France	CDDA-1: Designated areas	 	 	 	2001 assessment unchanged.
France	EWN-1: River quality	  	  	  	Data delivered in time. All river sites identified. Majority of time series covers more than 10 years.
France	EWN-2: Lake quality				Update of lake data provided in time. Only 12% of lake stations identified.
France	EWN-3: Groundwater quality			 	Groundwater data delivered in time. 86 groundwater bodies identified. Quality data for all of them available, but only for 1 year (2000).
France	ME-1: Marine data				No data delivery.
France	TE-1: CLC-2000 update	Data flow not included in 2000		 	National project on schedule.
France	TE-2: Contaminated soil	Data flow not included in 2000	 	 	Partial data made available

Table3: Detailed analysis by country and data flow




















Country	Data Flow Name	Progress 2000	Progress 2001	Progress 2002	Remarks
FYR of Macedonia	AE-1: CLRTAP data				No information made available by 27 February.
FYR of Macedonia	AE-1: NEC data	Data flow not included in 2000	Data flow not included in 2001	Not applicable	Data flow is relevant for EU15 countries only.
FYR of Macedonia	AE-2: UNFCCC and GHG data				No data delivery.
FYR of Macedonia	AQ-1: Eol data				Data delivered in time. Data on Black Smoke available 2001.
FYR of Macedonia	AQ-2: Ozone data	Data flow not included in 2000	Not applicable	Not applicable	Not applicable.
FYR of Macedonia	CDDA-1: Designated areas	Not applicable	Not applicable	Not applicable	Not included in request.
FYR of Macedonia	EWN-1: River quality				Data delivered in time. 20 river stations identified. Only some long time series of quality data available.
FYR of Macedonia	EWN-2: Lake quality				Update of lake quality data provided in time. 50% of lake stations identified.
FYR of Macedonia	EWN-3: Groundwater quality				Groundwater body descriptions have been updated, but no delivery of groundwater quality in 2002. From earlier data collection: 7 groundwater bodies identified.
FYR of Macedonia	ME-1: Marine data	Not applicable	Not applicable	Not applicable	Country does not have a coastline.
FYR of Macedonia	TE-1: CLC-2000 update	Data flow not included in 2000	Not applicable	Not applicable	Not applicable.
FYR of Macedonia	TE-2: Contaminated soil	Data flow not included in 2000	Not applicable		Partial data made available through the Kiev Report data collection.

Table3: Detailed analysis by country and data flow

Country	Data Flow Name	Progress 2000	Progress 2001	Progress 2002	Remarks
Germany	AE-1: CLRTAP data	😊	😞	😊😊	Full time series delivered with slight delay. Breakdown of national totals provided.
Germany	AE-1: NEC data	Data flow not included in 2000	Data flow not included in 2001	😊😊😊	Time series for all pollutants delivered in time.
Germany	AE-2: UNFCCC and GHG data	😊😊	😞	😊	Delivery delayed.
Germany	AQ-1: Eol data	😊😊	😊😊	😊😊😊	Data delivered in time. Data on particulate matter available 2001.
Germany	AQ-2: Ozone data	Data flow not included in 2000	😊😊	😊😊😊	Data delivered in time. Additional requested data included.
Germany	CDDA-1: Designated areas	😊😊	😊😊😊	😊😊😊	Voluntary delivery in 2002. 2001 assessment unchanged.
Germany	EWN-1: 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 ammonium, nitrate and phosphorus concentrations in rivers.
Germany	EWN-2: Lake quality	😊	😊😊	😊😊	Update of lake quality data provided in time. Data for 20 lakes provided.
Germany	EWN-3: Groundwater quality	😊	😊😊	😊😊	Update of groundwater data delivered with delay. Quality data for 9 groundwater bodies are available. General descriptions are partly incomplete.
Germany	ME-1: Marine data	😊😊	😊😊	😊	Data delivered to ICES. Data sets partly incomplete.
Germany	TE-1: CLC-2000 update	Data flow not included in 2000	😊😊	😊😊	National project on schedule.
Germany	TE-2: Contaminated soil	Data flow not included in 2000	😊😊😊	😊😊😊	Data made available on all requested categories.

Table3: Detailed analysis by country and data flow

Country	Data Flow Name	Progress 2000	Progress 2001	Progress 2002	Remarks
Greece	AE-1: CLRTAP data	😊	😞	😊	Emissions of main pollutants from 1990. Some data on heavy metals. Late delivery.
Greece	AE-1: NEC data	Data flow not included in 2000	Data flow not included in 2001	😊	Time series to 2000 delivered with delay.
Greece	AE-2: UNFCCC and GHG data	😊	😞	😊	Time series 1990-2001 but delivery delayed.
Greece	AQ-1: Eol data	😊	😊	😊😊😊	Data delivered in time. Data on particulate matter available for 2001.
Greece	AQ-2: Ozone data	Data flow not included in 2000	😊😊😊	😊😊	Data delivered in time.
Greece	CDDA-1: Designated areas	😊	😊	😊	2001 assessment unchanged.
Greece	EWN-1: River quality	😊😊	😊😊	😊😊	Update of river quality delivered with delay. 100% of river stations identified. Only very short time series available. Some open issues with the data have to be resolved still.
Greece	EWN-2: Lake quality	😞	😊	😊	Lake quality data provided in time. About 40% of lakes identified.
Greece	EWN-3: Groundwater quality	😊	😊	😊	No groundwater data provided in 2002. From earlier data collection: 130 important groundwater bodies identified. All descriptions and quality data for 86 groundwater bodies are available.
Greece	ME-1: Marine data	😊😊	😊😊	😊	Data delivered with much delay.
Greece	TE-1: CLC-2000 update	Data flow not included in 2000	😊	😊	National project delayed.
Greece	TE-2: Contaminated soil	Data flow not included in 2000	😊😊	😊😊	Partial data made available

Table3: Detailed analysis by country and data flow

























Country	Data Flow Name	Progress 2000	Progress 2001	Progress 2002	Remarks
Hungary	AE-1: CLRTAP data				No information made available by 27 February.
Hungary	AE-1: NEC data	Data flow not included in 2000	Data flow not included in 2001	Not applicable	Data flow is relevant for EU15 countries only.
Hungary	AE-2: UNFCCC and GHG data				No data delivery.
Hungary	AQ-1: Eol data				Data delivered with delay.
Hungary	AQ-2: Ozone data	Data flow not included in 2000			Data delivered in time.
Hungary	CDDA-1: Designated areas	Not applicable	Not applicable		Data delivered in time. Approximately 200 sites with required attributes.
Hungary	EWN-1: River quality				Update of river quality data provided in time. All river stations identified. Short time series (7-10 years) available.
Hungary	EWN-2: Lake quality				Update of lake quality data provided in time. 7 lake stations (i.e. 13%) identified.
Hungary	EWN-3: Groundwater quality				Update of groundwater data provided in time. 11 important groundwater bodies identified. General descriptions and quality data for all of them are available.
Hungary	ME-1: Marine data	Not applicable	Not applicable	Not applicable	Country does not have a coastline.
Hungary	TE-1: CLC-2000 update	Data flow not included in 2000			National project on schedule.
Hungary	TE-2: Contaminated soil	Data flow not included in 2000	Not applicable		Data made available on all requested categories.

Table3: Detailed analysis by country and data flow




















Country	Data Flow Name	Progress 2000	Progress 2001	Progress 2002	Remarks
Iceland	AE-1: CLRTAP data				No information made available by 27 February.
Iceland	AE-1: NEC data	Data flow not included in 2000	Data flow not included in 2001	Not applicable	Data flow is relevant for EU15 countries only.
Iceland	AE-2: UNFCCC and GHG data				Limited data. Delivery on time.
Iceland	AQ-1: Eol data				Data delivered with delay.
Iceland	AQ-2: Ozone data	Data flow not included in 2000			Data delivered with delay.
Iceland	CDDA-1: Designated areas				2001 assessment unchanged.
Iceland	EWN-1: River quality				No river data delivered for EUROWATERNET Data Collection 2002. No deliveries under earlier data collection.
Iceland	EWN-2: Lake quality				No data delivered in 2002. Some data from earlier data collection available.
Iceland	EWN-3: Groundwater quality				No groundwater data delivered for EUROWATERNET Data Collection 2002. No deliveries under earlier data collection.
Iceland	ME-1: Marine data				Data delivered in time. Only a few input data delivered.
Iceland	TE-1: CLC-2000 update	Data flow not included in 2000	Not available	Not available	Not available.
Iceland	TE-2: Contaminated soil	Data flow not included in 2000			Partial data made available

Table3: Detailed analysis by country and data flow

Country	Data Flow Name	Progress 2000	Progress 2001	Progress 2002	Remarks
Ireland	AE-1: CLRTAP data	😊	😊	😊😊	Data for 2000 and 2001 delivered on time.
Ireland	AE-1: NEC data	Data flow not included in 2000	Data flow not included in 2001	😊	Time series for all pollutants delivered with delay. Not in national repository.
Ireland	AE-2: UNFCCC and GHG data	😊	😊	😊	Limited data. Delivery on time. (Further data supplied later)
Ireland	AQ-1: EoI data	😊	😊	😊😊😊	Data delivered in time. Data on particulate matter available 2001.
Ireland	AQ-2: Ozone data	Data flow not included in 2000	😊😊😊	😊😊	Data delivered in time.
Ireland	CDDA-1: Designated areas	😊😊	😊😊	😊😊	2001 assessment unchanged.
Ireland	EWN-1: River quality	😊😊	😊	😊😊	Data for EUROWATERNET Data Collection 2002 delivered with delay. All stations identified. Only very short time series of quality data available.
Ireland	EWN-2: Lake quality	😊😊😊	😊	😊😊	Lake quality data provided in time. 80% of stations identified.
Ireland	EWN-3: Groundwater quality	😊	😊	😊	No groundwater data delivered in 2002. From earlier data collection: descriptions and data for 3 groundwater bodies are available.
Ireland	ME-1: Marine data	😊😊	😊😊	😊	Data delivered with much delay.
Ireland	TE-1: CLC-2000 update	Data flow not included in 2000	😊😊	😊😊	National project on schedule.
Ireland	TE-2: Contaminated soil	Data flow not included in 2000	😊😊	😊😊	Partial data made available

Table3: Detailed analysis by country and data flow

Country	Data Flow Name	Progress 2000	Progress 2001	Progress 2002	Remarks
Italy	AE-1: CLRTAP data	😊😊	😞	😊😊	Time series from 1980 - 2000 for main pollutants delivered on time.
Italy	AE-1: NEC data	Data flow not included in 2000	Data flow not included in 2001	😊	Data for 2000 delivered but not in national repository.
Italy	AE-2: UNFCCC and GHG data	😊😊	😞	😊	Time series 1990-2001 but delivery delayed.
Italy	AQ-1: Eol data	😊😊	😊	😊	Data delivered with delay.
Italy	AQ-2: Ozone data	Data flow not included in 2000	😊😊😊	😊😊	Data delivered in time.
Italy	CDDA-1: Designated areas	😊	😊😊	😊😊	2001 assessment unchanged.
Italy	EWN-1: River quality	😞	😞	😊😊	Data delivered in time. 78% of stations identified. Only short time series (1-4 years) of quality data available. Some open issues with the data have to be resolved still.
Italy	EWN-2: Lake quality	😞	😞	😊	Lake data for 4 stations (2%) delivered in time.
Italy	EWN-3: Groundwater quality	😞	😞	😊😊	Groundwater data delivered in time. First participation of country in EUROWATERNET-Groundwater data collection. Descriptions of groundwater bodies incomplete.
Italy	ME-1: Marine data	😞	😊😊	😊😊	Data delivered in time.
Italy	TE-1: CLC-2000 update	Data flow not included in 2000	😊😊	😊😊	National project on schedule.
Italy	TE-2: Contaminated soil	Data flow not included in 2000	😊😊	😊😊😊	Data made available on all requested categories.

Table3: Detailed analysis by country and data flow





























Country	Data Flow Name	Progress 2000	Progress 2001	Progress 2002	Remarks
Latvia	AE-1: CLRTAP data				Time series from 1990 delivered with slight delay. Breakdown of national totals provided.
Latvia	AE-1: NEC data	Data flow not included in 2000	Data flow not included in 2001		Time series for all pollutants delivered in time.
Latvia	AE-2: UNFCCC and GHG data				Time series 1990-2001 but delivery delayed.
Latvia	AQ-1: Eol data				Data delivered in time. Data on particulates available 2001.
Latvia	AQ-2: Ozone data	Data flow not included in 2000			Data delivered in time.
Latvia	CDDA-1: Designated areas	Not applicable	Not applicable		Data delivered in time. Approximately 500 sites with required attributes.
Latvia	EWN-1: River quality				Update of river quality data provided in time. All river stations identified. Short time series (1-10 years) on ammonium, nitrate and total phosphorous concentration available.
Latvia	EWN-2: Lake quality				Update of lake quality data provided in time. About 30% of lake stations identified.
Latvia	EWN-3: Groundwater quality				Updated groundwater data provided in time. 4 groundwater bodies identified. General descriptions and quality data available for all of them.
Latvia	ME-1: Marine data				Data delivered in time.
Latvia	TE-1: CLC-2000 update	Data flow not included in 2000			National project on schedule.
Latvia	TE-2: Contaminated soil	Data flow not included in 2000	Not applicable		Data made available on requested categories except for expenditure. Good regional detail supplied.

Table3: Detailed analysis by country and data flow





































Country	Data Flow Name	Progress 2000	Progress 2001	Progress 2002	Remarks
Liechtenstein	AE-1: CLRTAP data				Time series from 1980 - 2000 for main pollutants but gaps for NH3. Delivery on time.
Liechtenstein	AE-1: NEC data	Data flow not included in 2000	Data flow not included in 2001	Not applicable	Data flow is relevant for EU15 countries only.
Liechtenstein	AE-2: UNFCCC and GHG data				No data delivery.
Liechtenstein	AQ-1: EoI data				Data delivered with delay.
Liechtenstein	AQ-2: Ozone data	Data flow not included in 2000			Data delivered with delay.
Liechtenstein	CDDA-1: Designated areas	 	 	  	Voluntary data delivery in 2002. All 10 sites with required attributes.
Liechtenstein	EWN-1: River quality			 	First delivery of Liechtenstein for EUROWATERNET. Data delivered in time. 1 station identified, which is 100% of the target figure. Only short time series (1-10 years) of quality data available.
Liechtenstein	EWN-2: Lake quality			Not applicable	Country does not have any lake which would fall under EUROWATERNET Data Collection.
Liechtenstein	EWN-3: Groundwater quality			  	Groundwater data delivered in time. First participation of country in EUROWATERNET-Groundwater data collection. 1 groundwater body identified. Description and quality data available.
Liechtenstein	ME-1: Marine data	Not applicable	Not applicable	Not applicable	Country does not have a coastline.
Liechtenstein	TE-1: CLC-2000 update	Data flow not included in 2000		 	National project on schedule.
Liechtenstein	TE-2: Contaminated soil	Data flow not included in 2000		  	Data made available on all requested categories.

Table3: Detailed analysis by country and data flow




























Country	Data Flow Name	Progress 2000	Progress 2001	Progress 2002	Remarks
Lithuania	AE-1: CLRTAP data				No information made available by 27 February.
Lithuania	AE-1: NEC data	Data flow not included in 2000	Data flow not included in 2001	Not applicable	Data flow is relevant for EU15 countries only.
Lithuania	AE-2: UNFCCC and GHG data				No data delivery.
Lithuania	AQ-1: Eol data				Data delivered in time.
Lithuania	AQ-2: Ozone data	Data flow not included in 2000			Data delivered in time.
Lithuania	CDDA-1: Designated areas	Not applicable	Not applicable		No data delivery.
Lithuania	EWN-1: River quality				Update of river quality data provided in time. All river stations identified. Short time series (3-10 years) on ammonium, nitrate and total phosphorous concentration available.
Lithuania	EWN-2: Lake quality				Update of lake quality data provided in time. About 38% of lake sites identified.
Lithuania	EWN-3: Groundwater quality				Updated groundwater data provided in time. 5 groundwater bodies identified. General descriptions and quality data available for all of them.
Lithuania	ME-1: Marine data				Data delivered with delay.
Lithuania	TE-1: CLC-2000 update	Data flow not included in 2000			National project on schedule.
Lithuania	TE-2: Contaminated soil	Data flow not included in 2000	Not applicable		Data made available on all requested categories.

Table3: Detailed analysis by country and data flow







































Country	Data Flow Name	Progress 2000	Progress 2001	Progress 2002	Remarks
Luxembourg	AE-1: CLRTAP data				No information made available by 27 February.
Luxembourg	AE-1: NEC data	Data flow not included in 2000	Data flow not included in 2001		No data delivery by 27 February.
Luxembourg	AE-2: UNFCCC and GHG data				Limited data. Delivery delayed..
Luxembourg	AQ-1: Eol data				No data delivery.
Luxembourg	AQ-2: Ozone data	Data flow not included in 2000	  	 	Data delivered in time.
Luxembourg	CDDA-1: Designated areas				2001 assessment unchanged.
Luxembourg	EWN-1: River quality				No river data delivered for EUROWATERNET Data Collection 2002. No deliveries under earlier data collection.
Luxembourg	EWN-2: Lake quality				No lake data delivered for EUROWATERNET Data Collection 2002. No deliveries under earlier data collection.
Luxembourg	EWN-3: Groundwater quality				No groundwater data delivered for EUROWATERNET Data Collection 2002. No deliveries under earlier data collection.
Luxembourg	ME-1: Marine data	 	 		No data delivery. (Country is party to the OSPAR Convention.)
Luxembourg	TE-1: CLC-2000 update	Data flow not included in 2000	 	 	National project on schedule. Data delivered but not in national repository.
Luxembourg	TE-2: Contaminated soil	Data flow not included in 2000			No data delivery.

Table3: Detailed analysis by country and data flow

Country	Data Flow Name	Progress 2000	Progress 2001	Progress 2002	Remarks
Netherlands	AE-1: CLRTAP data	😊😊	😊😊	😊😊	Partial time series provided plus additional information. Delivered on time.
Netherlands	AE-1: NEC data	Data flow not included in 2000	Data flow not included in 2001	😊😊😊	Data for 2000 and 2001 for all pollutants delivered in time.
Netherlands	AE-2: UNFCCC and GHG data	😊😊	😊😊😊	😊😊😊	Full time series on time
Netherlands	AQ-1: Eol data	😊😊😊	😊😊😊	😊😊😊	Data delivered in time. Data on particulate matter available 2001.
Netherlands	AQ-2: Ozone data	Data flow not included in 2000	😊😊😊	😊😊😊	Data delivered in time. Additional requested data included.
Netherlands	CDDA-1: Designated areas	😞	😞	😞	2001 assessment unchanged.
Netherlands	EWN-1: River quality	😊😊	😊	😊	No updated data delivered in 2002. From earlier data collection: 95% of river stations identified under EWN criteria.
Netherlands	EWN-2: Lake quality	😊😊😊	😊	😊	No data delivery in 2002. From earlier data collection: some data available.
Netherlands	EWN-3: Groundwater quality	😊	😊	😊😊	Groundwater data provided in time. 9 important groundwater bodies identified. General descriptions partly incomplete. Quality data for all bodies are available.
Netherlands	ME-1: Marine data	😞	😊😊	😊	Data delivered in time. Only aggregated data provided. Some open issues have to be solved still.
Netherlands	TE-1: CLC-2000 update	Data flow not included in 2000	😊😊	😊😊	National project on schedule.
Netherlands	TE-2: Contaminated soil	Data flow not included in 2000	😊😊😊	😊😊😊	Data made available on all requested categories.

Table3: Detailed analysis by country and data flow

Country	Data Flow Name	Progress 2000	Progress 2001	Progress 2002	Remarks
Norway	AE-1: CLRTAP data	😊😊	😊😊	😊😊	Time series from 1980 for main pollutants but gaps for some years. Additional data also provided for priority metals and other substances. Delivery on time.
Norway	AE-1: NEC data	Data flow not included in 2000	Data flow not included in 2001	Not applicable	Data flow is relevant for EU15 countries only.
Norway	AE-2: UNFCCC and GHG data	😊😊	😊😊	😊	Data for 1990 and 1998-2001 delivered slightly late.
Norway	AQ-1: Eol data	😊😊	😊😊	😊😊😊	Data delivered in time. Additional requested data included.
Norway	AQ-2: Ozone data	Data flow not included in 2000	😊😊😊	😊😊😊	Data delivered in time. Additional requested data included.
Norway	CDDA-1: Designated areas	😊😊	😊😊	😊😊	2001 assessment unchanged.
Norway	EWN-1: River quality	😊	😊	😊😊	Data for EUROWATERNET Data Collection 2002 delivered in time. About 50% of rivers stations identified under EWN criteria. Short time series (5-6 years) of quality data available.
Norway	EWN-2: Lake quality	😊😊😊	😊	😊😊😊	Lake data delivered in time. More than the target number of lake stations identified.
Norway	EWN-3: Groundwater quality	😞	😞	😊😊	Groundwater data delivered in time. First participation of country in EUROWATERNET-Groundwater data collection. 1 groundwater body identified. Description incomplete, quality data are available.
Norway	ME-1: Marine data	😊😊	😊😊	😊😊	Data delivered in time.
Norway	TE-1: CLC-2000 update	Data flow not included in 2000	Not available	Not available	Not available.
Norway	TE-2: Contaminated soil	Data flow not included in 2000	😊	😊😊😊	Data made available on all requested categories.

Table3: Detailed analysis by country and data flow














































Country	Data Flow Name	Progress 2000	Progress 2001	Progress 2002	Remarks
Poland	AE-1: CLRTAP data		 		Time series 1980/1985-2001 delivered late. Information provided on heavy metals, POPs and particulate matter.
Poland	AE-1: NEC data	Data flow not included in 2000	Data flow not included in 2001	Not applicable	Data flow is relevant for EU15 countries only.
Poland	AE-2: UNFCCC and GHG data				Full time series but delayed delivery.
Poland	AQ-1: Eol data	  	  	  	Data delivered in time. Data on TSP available for 2001.
Poland	AQ-2: Ozone data	Data flow not included in 2000	 	  	Data delivered in time. Additional requested data on station types
Poland	CDDA-1: Designated areas	Not applicable	Not applicable	 	Data delivered in time. Approximately 2000 sites: more than 66% with required attributes.
Poland	EWN-1: River quality		 	 	Update of river quality data provided in time. About 50% of river stations identified. Only short time series (1-10 years) of quality data available.
Poland	EWN-2: Lake quality				Update of lake quality data provided in time. Only 5% of lake stations identified.
Poland	EWN-3: Groundwater quality			 	Updated groundwater data provided in time. General descriptions and quality data available for 3 groundwater bodies. Additionally: 173 groundwater bodies described.
Poland	ME-1: Marine data			 	Data delivered in time.
Poland	TE-1: CLC-2000 update	Data flow not included in 2000	 	 	National project on schedule.
Poland	TE-2: Contaminated soil	Data flow not included in 2000	Not applicable	 	Partial data made available

Table3: Detailed analysis by country and data flow

Country	Data Flow Name	Progress 2000	Progress 2001	Progress 2002	Remarks
Portugal	AE-1: CLRTAP data				No information made available by 27 February.
Portugal	AE-1: NEC data	Data flow not included in 2000	Data flow not included in 2001		No data delivery by 27 February.
Portugal	AE-2: UNFCCC and GHG data				Time series 1990-2001 but delivery delayed.
Portugal	AQ-1: Eol data				Data delivered in time. Data on particulate matter available 2001.
Portugal	AQ-2: Ozone data	Data flow not included in 2000			Data delivered in time.
Portugal	CDDA-1: Designated areas				2001 assessment unchanged.
Portugal	EWN-1: River quality				No river data delivered for EUROWATERNET Data Collection 2002. No deliveries under earlier data collection.
Portugal	EWN-2: Lake quality				No data delivered in 2002. Some lakes data available from earlier data collection.
Portugal	EWN-3: Groundwater quality				No groundwater data delivered for EUROWATERNET Data Collection 2002. No deliveries under earlier data collection.
Portugal	ME-1: Marine data				No data delivery.
Portugal	TE-1: CLC-2000 update	Data flow not included in 2000			National project on schedule.
Portugal	TE-2: Contaminated soil	Data flow not included in 2000			Very limited data available.

Table3: Detailed analysis by country and data flow


































Country	Data Flow Name	Progress 2000	Progress 2001	Progress 2002	Remarks
Romania	AE-1: CLRTAP data				No information made available by 27 February.
Romania	AE-1: NEC data	Data flow not included in 2000	Data flow not included in 2001	Not applicable	Data flow is relevant for EU15 countries only.
Romania	AE-2: UNFCCC and GHG data				Delayed delivery.
Romania	AQ-1: EoI data	 		  	Data delivered in time. Data on TSP available for 2001.
Romania	AQ-2: Ozone data	Data flow not included in 2000		 	Data delivered in time.
Romania	CDDA-1: Designated areas	Not applicable	Not applicable		Data delayed.
Romania	EWN-1: River quality				No river data delivered for EUROWATERNET Data Collection 2002. From earlier data collection: River stations identified and physical characteristics for river stations delivered.
Romania	EWN-2: Lake quality				No data delivered in 2002. Some lakes data available from earlier data collection.
Romania	EWN-3: Groundwater quality				No groundwater data delivered for EUROWATERNET Data Collection 2002. No deliveries under earlier data collection.
Romania	ME-1: Marine data	Not applicable	Not applicable		Data delivered with delay. (Black Sea data is now included in marine data collection.)
Romania	TE-1: CLC-2000 update	Data flow not included in 2000	 	 	National project on schedule.
Romania	TE-2: Contaminated soil	Data flow not included in 2000	Not applicable	  	Data made available on all requested categories.

Table3: Detailed analysis by country and data flow







































Country	Data Flow Name	Progress 2000	Progress 2001	Progress 2002	Remarks
Slovak Republic	AE-1: CLRTAP data			 	Time series from 1990 - 2001 for main pollutants with some data for earlier years. Additional data also provided for priority metals and other substances. Delivery on time.
Slovak Republic	AE-1: NEC data	Data flow not included in 2000	Data flow not included in 2001	Not applicable	Data flow is relevant for EU15 countries only.
Slovak Republic	AE-2: UNFCCC and GHG data				Delayed delivery
Slovak Republic	AQ-1: Eol data	  	  	  	Data delivered in time.
Slovak Republic	AQ-2: Ozone data	Data flow not included in 2000	  		Data delivered with delay.
Slovak Republic	CDDA-1: Designated areas	Not applicable	Not applicable	 	Data delivered in time. Approximately 1200 sites: more than 66% with required attributes.
Slovak Republic	EWN-1: River quality			 	Data for EUROWATERNET Data Collection 2002 with delay. All river stations identified. Short time series (8-10 years) of quality data available.
Slovak Republic	EWN-2: Lake quality				No lake data delivered for EUROWATERNET Data Collection 2002. No deliveries under earlier data collection.
Slovak Republic	EWN-3: Groundwater quality			 	Updated groundwater data provided in time. 10 groundwater bodies identified, general descriptions are incomplete, quality data are available.
Slovak Republic	ME-1: Marine data	Not applicable	Not applicable	Not applicable	Country does not have a coastline.
Slovak Republic	TE-1: CLC-2000 update	Data flow not included in 2000	 	 	National project on schedule.
Slovak Republic	TE-2: Contaminated soil	Data flow not included in 2000	Not applicable		Data not available but ETC TE informed.

Table3: Detailed analysis by country and data flow

Country	Data Flow Name	Progress 2000	Progress 2001	Progress 2002	Remarks
Slovenia	AE-1: CLRTAP data				Emissions of main pollutants and other substances provided for 2001. Delivery on time
Slovenia	AE-1: NEC data	Data flow not included in 2000	Data flow not included in 2001	Not applicable	Data flow is relevant for EU15 countries only.
Slovenia	AE-2: UNFCCC and GHG data				Time series provided for 1980/1986-1996. Delayed delivery.
Slovenia	AQ-1: Eol data				Data delivered in time. Data on particulate matter available 2001.
Slovenia	AQ-2: Ozone data	Data flow not included in 2000			Data delivered in time. Additional requested data on station types
Slovenia	CDDA-1: Designated areas	Not applicable	Not applicable		Data delivered in time - 34 sites: more than 95% with required attributes.
Slovenia	EWN-1: River quality				Update of river quality data provided in time. All river stations identified. Long time series (12 years) of quality data available.
Slovenia	EWN-2: Lake quality				Update of lake quality data provided in time. 33% of lake stations identified.
Slovenia	EWN-3: Groundwater quality				Updated groundwater data provided in time. 5 groundwater bodies identified. General descriptions and quality data available for all of them.
Slovenia	ME-1: Marine data				Data delivered with delay.
Slovenia	TE-1: CLC-2000 update	Data flow not included in 2000			National project on schedule.
Slovenia	TE-2: Contaminated soil	Data flow not included in 2000	Not applicable		No data delivery.

Table3: Detailed analysis by country and data flow
































Country	Data Flow Name	Progress 2000	Progress 2001	Progress 2002	Remarks
Spain	AE-1: CLRTAP data				Full time series delivered on time. Additional data also provided.
Spain	AE-1: NEC data	Data flow not included in 2000	Data flow not included in 2001		Data for 2000 delivered but not in national repository.
Spain	AE-2: UNFCCC and GHG data				Full time series. Delivery delayed.
Spain	AQ-1: Eol data				Data delivered with delay.
Spain	AQ-2: Ozone data	Data flow not included in 2000			Data delivered in time.
Spain	CDDA-1: Designated areas				2001 assessment unchanged.
Spain	EWN-1: River quality				Data for EUROWATERNET Data Collection 2002 delivered in time. 78% of stations identified. Only short time series (1-5 years) available.
Spain	EWN-2: Lake quality				No data delivered in 2002. Some lakes data available from earlier data collection.
Spain	EWN-3: Groundwater quality				No groundwater data delivered in 2002. From earlier data collection: descriptions and data for 3 groundwater bodies are available.
Spain	ME-1: Marine data				No data delivery.
Spain	TE-1: CLC-2000 update	Data flow not included in 2000			National project on schedule.
Spain	TE-2: Contaminated soil	Data flow not included in 2000			Partial data made available

Table3: Detailed analysis by country and data flow








Country	Data Flow Name	Progress 2000	Progress 2001	Progress 2002	Remarks
Sweden	AE-1: CLRTAP data				Full time series from 1990. Additional information also provided. Delivered on time.
Sweden	AE-1: NEC data	Data flow not included in 2000	Data flow not included in 2001		Time series for all pollutants delivered in time.
Sweden	AE-2: UNFCCC and GHG data				Full time series on time
Sweden	AQ-1: Eol data				Data delivered in time. Data on particulate matter available 2001.
Sweden	AQ-2: Ozone data	Data flow not included in 2000			Data delivered in time. Additional requested data on station types
Sweden	CDDA-1: Designated areas				Voluntary delivery in 2002. 2001 assessment unchanged.
Sweden	EWN-1: River quality				Update of river quality data provided in time. Only 26% of river stations identified. Very long time series (up to 37 years) available.
Sweden	EWN-2: Lake quality				Update of lake quality data provided in time. Nearly 75% of lake stations identified.
Sweden	EWN-3: Groundwater quality				Updated groundwater data provided in time. 3 groundwater bodies identified. General descriptions and quality data available for all of them.
Sweden	ME-1: Marine data				Data delivered in time.
Sweden	TE-1: CLC-2000 update	Data flow not included in 2000			National project on schedule and some data delivered to national repository.
Sweden	TE-2: Contaminated soil	Data flow not included in 2000			Data made available on all requested categories.

Table3: Detailed analysis by country and data flow

Country	Data Flow Name	Progress 2000	Progress 2001	Progress 2002	Remarks
United Kingdom	AE-1: CLRTAP data	😊😊	😞	😊😊	Time series 1980-2001 delivered with some delay. Information provided on heavy metals, POPs and particulate matter.
United Kingdom	AE-1: NEC data	Data flow not included in 2000	Data flow not included in 2001	😊😊	Data for 2000 and 2001 for all pollutants. Delayed delivery to national repository.
United Kingdom	AE-2: UNFCCC and GHG data	😊😊😊	😊😊😊	😊😊😊	Full time series on time
United Kingdom	AQ-1: Eol data	😊😊😊	😊😊😊	😊😊😊	Data delivered in time. Data on particulate matter available 2001.
United Kingdom	AQ-2: Ozone data	Data flow not included in 2000	😊😊😊	😊😊😊	Data delivered in time. Additional requested data on station types
United Kingdom	CDDA-1: Designated areas	😊	😊😊😊	😊😊😊	2001 assessment unchanged.
United Kingdom	EWN-1: River quality	😊😊😊	😊😊	😊😊	Data for EUROWATERNET Data Collection 2002 delivered on time. All rivers stations identified under EWN criteria, but for England and Wales only. Many long time series on nitrate and phosphorus concentration.
United Kingdom	EWN-2: Lake quality	😊😊😊	😊	😊😊😊	Lake data delivered in time. More than the target number of lake stations identified.
United Kingdom	EWN-3: Groundwater quality	😊	😊	😊😊😊	Groundwater data updated in time. Descriptions and data for 36 groundwater bodies are available.
United Kingdom	ME-1: Marine data	😊😊	😊😊	😞	No data delivery.
United Kingdom	TE-1: CLC-2000 update	Data flow not included in 2000	😊😊	😊😊	National project on schedule.
United Kingdom	TE-2: Contaminated soil	Data flow not included in 2000	😊😊	😊😊	Partial data made available