

# Eionet priority data flows

May 2005–April 2006



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Luxembourg: Office for Official Publications of the European Communities, 2006

ISBN 92-9167-884-8

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This is a report presented to the EEA Management Board and for use within our network, Eionet. External readers are referred to the Eionet website to get further background information and guidance to the terminology used in the report.



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## Foreword by the Executive Director



Dear colleagues,

I would like to present the ninth progress report on Eionet priority data flows to the EEA Management Board. The purpose of the priority data flows report is to show progress against agreed, stable, well-defined objectives in order to allow countries to focus their resources on putting regular reporting procedures in place.

Progress has been assessed in 12 priority areas. This is the same thematic scope as last year. And again two of the data flows have been subdivided according to the relevant reporting obligations so that the assessment is more transparent. Information on two additional data flows (Contaminated soil and Eionet-Water quantity) has again been provided but not included in the assessment of progress. All 32 member countries of the Agency and the five collaborating countries now participate in the priority data flow exercise — see country performance analysis on page 6 — 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 Latvia and Austria for the best performance in 2005. Sweden and Slovakia have also done well again and they are joined at the top by Bulgaria in fourth place. The overall trend is encouraging after last year's downturn. Ten countries have scores of 80 % or above. The number of countries with scores above 70 % has returned to 16.

However, there is a widening gap between the main group of countries where scores exceed 50 % and the trailing group where scores are less than 40 %. This still means that 25 % of European countries are not well reflected in the data available to EEA for its assessments. Countries that are having difficulties with specific data flows are encouraged to discuss their problems with the Agency. Provision of high quality data by Eionet is fundamental for EEA's mission to provide timely, targeted, relevant and reliable information to policy-making agents and the public.

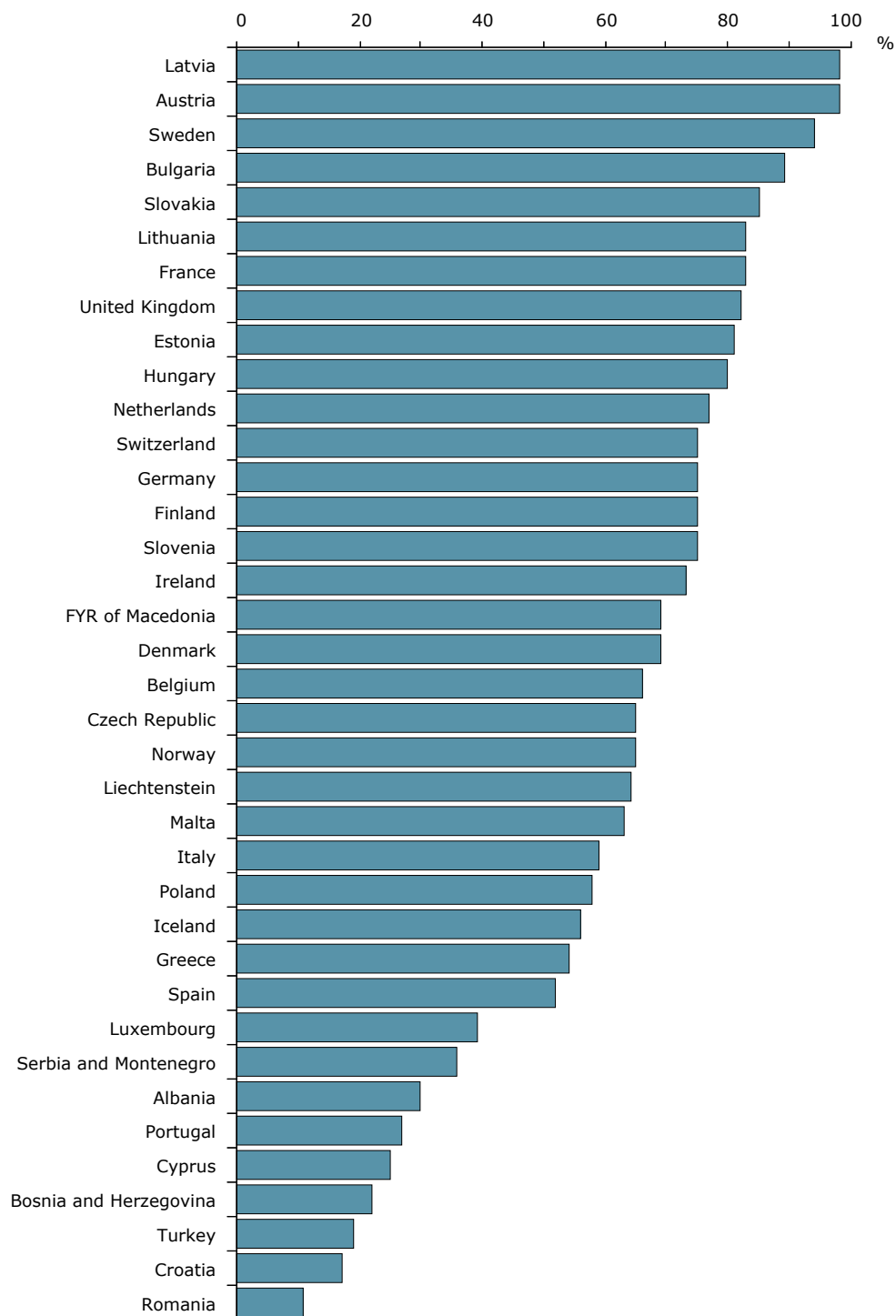
Use of Reportnet tools to facilitate data flows has continued to increase during 2005 and 2006. DG Environment is making increasing use of Reportnet services. We will continue to work with national focal points to improve and integrate the Reportnet tools further into all priority data flow activities. Ideas and feedback from national networks are invaluable to ensure that the tools provide support, which is useful at national level.

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

*Jacqueline McGlade*

Executive Director  
European Environment Agency

**Figure 1 Overall performance of countries May 2005–April 2006**



**Table 1 Performance history**

Country	Number of data flows	Score 2000	Score 2001	Score 2002	Score 2003	Score 2004	Score 2005	Trend compared to last year	
Albania	10	0 %	0 %	0 %	17 %	22 %	30 %	+ 8	↗
Austria	11	81 %	81 %	97 %	95 %	98 %	98 %	0	→
Belgium	11	31 %	50 %	53 %	58 %	59 %	66 %	+ 7	↗
Bosnia and Herzegovina	9	18 %	39 %	29 %	34 %	22 %	22 %	0	→
Bulgaria	9	42 %	71 %	69 %	75 %	80 %	89 %	+ 9	↗
Croatia	9	N/A	N/A	N/A	N/A	28 %	17 %	- 11	↘
Cyprus	11	N/A	N/A	N/A	N/A	N/A	25 %	N/A	N/A
Czech Republic	10	38 %	75 %	72 %	68 %	63 %	65 %	+ 2	→
Denmark	12	81 %	86 %	83 %	85 %	82 %	69 %	- 13	↘
Estonia	12	54 %	81 %	72 %	80 %	81 %	81 %	0	→
Finland	11	61 %	72 %	68 %	79 %	85 %	75 %	- 10	↘
France	12	47 %	53 %	63 %	73 %	79 %	83 %	+ 4	→
FYR of Macedonia	8	29 %	42 %	54 %	50 %	50 %	69 %	+ 19	↑
Germany	12	69 %	64 %	83 %	81 %	67 %	75 %	+ 8	↗
Greece	12	50 %	50 %	60 %	52 %	44 %	54 %	+ 10	↗
Hungary	10	46 %	68 %	56 %	53 %	47 %	80 %	+ 33	↑
Iceland	9	28 %	14 %	36 %	30 %	14 %	56 %	+ 42	↑
Ireland	12	67 %	61 %	68 %	71 %	65 %	73 %	+ 8	↗
Italy	11	39 %	33 %	65 %	56 %	52 %	59 %	+ 7	↗
Latvia	11	50 %	66 %	80 %	89 %	94 %	98 %	+ 4	→
Liechtenstein	7	19 %	9 %	61 %	53 %	43 %	64 %	+ 21	↑
Lithuania	12	36 %	50 %	47 %	73 %	73 %	83 %	+ 10	↗
Luxembourg	9	22 %	36 %	18 %	25 %	14 %	39 %	+ 25	↑
Malta	10	N/A	N/A	N/A	78 %	56 %	63 %	+ 7	↗
Netherlands	11	58 %	67 %	70 %	69 %	64 %	77 %	+ 13	↗
Norway	10	64 %	64 %	81 %	75 %	69 %	65 %	- 4	→
Poland	12	36 %	53 %	72 %	65 %	50 %	58 %	+ 8	↗
Portugal	11	39 %	33 %	35 %	50 %	20 %	27 %	+ 7	↗
Romania	9	21 %	21 %	47 %	38 %	31 %	11 %	- 20	↓
Serbia and Montenegro	9	N/A	N/A	N/A	N/A	17 %	36 %	+ 19	↑
Slovakia	10	25 %	43 %	63 %	72 %	84 %	85 %	+ 1	→
Slovenia	12	50 %	66 %	78 %	88 %	92 %	75 %	- 17	↓
Spain	12	58 %	33 %	55 %	38 %	41 %	52 %	+ 11	↗
Sweden	12	47 %	89 %	90 %	90 %	94 %	94 %	0	→
Switzerland	5	N/A	N/A	N/A	N/A	N/A	75 %	N/A	N/A
Turkey	9	N/A	N/A	N/A	N/A	N/A	19 %	N/A	N/A
United Kingdom	11	78 %	72 %	83 %	73 %	66 %	82 %	+ 16	↑
Average (all countries)	5-12	45 %	53 %	62 %	64 %	57 %	62 %	+ 5	→

**Table 2 Summary table of country performance by data flow**

Country	← Eionet priority data flows →														← For information →	
	Number of data flows	Score 2005	AE-1: CLRTAP data	AE-1b: NEC data	AE-2: UNFCCC data	AE-2b: EU GHG data	AQ-1: EoI data	AQ-2: Annual ozone	AQ-2b: Monthly ozone	CDDA-1: Designated areas	EWN-1: River quality	EWN-2: Lake quality	EWN-3: Groundwater quality	ME-1: Marine data	EWN-4: Water quantity	TE-2: Contaminated soil
Albania	10	30 %	-1	N/A	-1	N/A	-1	1	-1	-1	1	1	1	3	-1	N/A
Austria	11	98 %	3	3	3	3	3	3	2	3	3	3	3	N/A	3	3
Belgium	11	66 %	1	3	3	3	3	N/A	2	-1	2	-1	2	1	2	3
Bosnia and Herzegovina	9	22 %	-1	N/A	-1	N/A	3	N/A	-1	-1	1	1	-1	-1	-1	3
Bulgaria	9	89 %	1	N/A	3	N/A	3	N/A	3	2	3	2	3	3	2	3
Croatia	9	17 %	1	N/A	-1	N/A	-1	N/A	-1	-1	1	1	-1	-1	1	3
Cyprus	11	25 %	1	1	-1	-1	3	N/A	2	-1	-1	-1	-1	-1	-1	N/A
Czech Republic	10	65 %	1	-1	3	2	3	N/A	3	1	2	-1	3	N/A	-1	3
Denmark	12	69 %	3	-1	3	3	3	1	2	-1	2	1	2	3	1	1
Estonia	12	81 %	1	3	3	2	3	3	3	-1	3	2	3	2	1	3
Finland	11	75 %	1	1	3	3	1	N/A	3	-1	3	3	2	3	2	3
France	12	83 %	3	3	3	2	3	1	2	1	3	1	3	3	-1	1
FYR of Macedonia	8	69 %	1	N/A	2	N/A	3	N/A	2	1	3	1	1	N/A	3	N/A
Germany	12	75 %	1	1	3	-1	3	3	3	-1	3	3	3	3	2	N/A
Greece	12	54 %	1	-1	-1	1	3	3	3	1	1	1	1	1	-1	N/A
Hungary	10	80 %	1	1	3	3	3	N/A	3	1	3	2	2	N/A	2	3
Iceland	9	56 %	1	N/A	2	N/A	1	N/A	2	-1	2	-1	2	3	-1	N/A
Ireland	12	73 %	1	1	3	1	3	3	3	2	-1	1	3	3	2	N/A
Italy	11	59 %	1	1	3	-1	3	N/A	1	2	1	1	1	2	2	1
Latvia	11	98 %	3	3	3	3	3	N/A	3	3	3	2	3	3	2	2
Liechtenstein	7	64 %	-1	N/A	-1	N/A	3	N/A	3	3	2	N/A	2	N/A	2	N/A
Lithuania	12	83 %	-1	3	2	2	3	3	3	1	3	3	3	3	1	3
Luxembourg	9	39 %	-1	-1	2	1	-1	N/A	1	-1	3	N/A	2	N/A	3	2
Malta	10	63 %	1	1	-1	-1	2	3	3	1	N/A	N/A	3	3	N/A	3
Netherlands	11	77 %	2	3	3	3	3	N/A	2	-1	2	2	1	3	-1	3
Norway	10	65 %	3	N/A	-1	N/A	1	3	3	1	1	1	1	3	1	1
Poland	12	58 %	1	-1	-1	-1	3	3	2	1	2	2	2	3	-1	N/A
Portugal	11	27 %	-1	-1	-1	1	3	N/A	1	-1	-1	-1	-1	3	-1	N/A
Romania	9	11 %	-1	N/A	-1	N/A	-1	N/A	1	1	-1	-1	-1	-1	-1	N/A
Serbia and Montenegro	9	36 %	1	N/A	-1	N/A	3	N/A	-1	-1	1	2	1	-1	1	N/A
Slovakia	10	85 %	2	3	2	3	3	1	3	1	3	N/A	3	N/A	2	3
Slovenia	12	75 %	2	3	1	2	3	1	2	1	3	2	3	1	2	N/A
Spain	12	52 %	1	1	3	1	1	2	2	-1	2	-1	-1	3	3	2
Sweden	12	94 %	3	3	3	3	3	3	3	1	3	3	2	3	2	3
Switzerland	5	75 %	1	N/A	3	N/A	3	N/A	2	1	N/A	N/A	N/A	N/A	N/A	N/A
Turkey	9	19 %	-1	N/A	-1	N/A	-1	N/A	2	1	-1	-1	-1	1	-1	N/A
United Kingdom	11	82 %	3	1	3	1	3	N/A	3	1	2	2	3	3	3	N/A
Average (all countries)	5-12	62 %	1.0	1.3	1.4	1.5	2.2	2.3	2.0	0.4	1.8	1.1	1.6	2.0	0.9	2.5



### Overall approach for scoring

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

1. For each data flow, the maximum score is 3 points (🟢🟢🟢) and the minimum score is - 1 point (🔴). Please also see pages 9–22 in this report for the definition of individual scoring criteria per data flow area.
2. Scores from all 12 priority 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. Scores from the two additional data flows (Eionet-Water quantity and Contaminated soil) are not included in the overall results.
3. A result of 0 % would mean 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 data flow areas have been delivered on time.

### N/A

N/A means not applicable. Two out of the 12 data flows were only relevant for the 25 Member States of the European Union. Furthermore, some countries such as Austria are not party to the relevant marine conventions.

### Timetable for Eionet priority data flows

Below is an overview of the deadlines for delivering data under the Eionet priority data flows for the period May 2005–April 2006. The reporting cycle began on 15 May 2005 with the deadline for the designated areas data (CDDA data flow) and ended on 15 April 2006 with the delivery deadline for the AE-2 UNFCCC data flow.

For the next data cycle (June 2006–April 2007), most of the data delivery deadlines will be the same or similar to the previous year. A regularly updated timetable of delivery deadlines is available as part of the Reporting Obligations Database (ROD) web service: <http://rod.eionet.europa.eu>. Through the ROD deadlines functionality, country-specific lists with reporting deadlines can be generated.

Data flow	Deadline
CDDA-1: Designated areas	15 May 2005
AQ-2b: Monthly ozone data	30 September 2005
TE-2: Contaminated soil	30 September 2005
AQ-1: EoI data	1 October 2005
AQ-2: Annual ozone data	1 October 2005
EWN-1: River quality	28 October 2005
EWN-2: Lake quality	28 October 2005
EWN-3: Groundwater quality	28 October 2005
EWN-4: Water quantity data	28 October 2005
ME-1: Marine data	28 October 2005
AE-1b: NEC data	31 December 2005
AE-2b: EU GHG data	15 January 2006
AE-1: CLRTAP data	15 February 2006
AE-2: UNFCCC data	15 April 2006

## Reporting on Eionet priority data flows: history and outlook

Progress reporting on Eionet priority data flows has a history of already more than six years. Since March 1999, nine evaluation reports on progress with Eionet's priority data flows have been prepared for the EEA Management Board:

1st progress report	March 1999
2nd progress report	December 1999
3rd progress report	August 2000
4th progress report	April 2001
5th progress report	May 2002
6th progress report	June 2003
7th progress report	August 2004
8th progress report	September 2005
9th progress report	August 2006

In order to make the analytical process transparent, the most recent data flow reports are available in electronic form in the public library section of the NFP/Eionet Interest Group on CIRCA at EEA.

## Geographical coverage of the priority data flow reporting

The data flow progress reporting began in 1999 with an initial geographical coverage of the original 18 member countries of EEA. The geographical coverage was extended in 2000 by including the 13 countries (Albania, Bosnia and Herzegovina, Bulgaria, Czech Republic, Estonia, Former Yugoslav Republic of Macedonia, Hungary, Latvia, Lithuania, Poland, Romania, Slovakia and Slovenia) from the then Phare programme. In 2004, the number of evaluated countries increased to 32 with the participation of Malta. The geographical coverage has now reached 37 countries with Croatia and Serbia and Montenegro (joining in 2005) and Cyprus, Switzerland and Turkey included in the full evaluation this year for the first time.

## Schedule for the next data flow report

The tenth data flow progress report will analyse data deliveries made by countries between June 2006 and April 2007. The final report will be presented in summer 2007.

Draft results of the ongoing data flow evaluation are published as soon as possible through a web application on the Eionet Portal at: <http://www.eionet.europa.eu/dataflows/>.

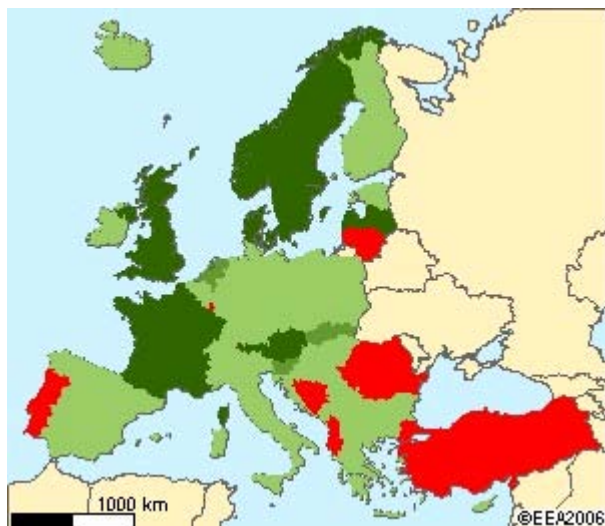
## Trend compared to the previous data flow cycle

In Table 1, the trend of country performance in comparison to the previous cycle is indicated. The arrows show the overall trend in the following 5 categories:

↑	Strong positive trend. Score has improved by more than 15 %.
↗	Positive trend. Score has improved between 5 % and 15 %.
→	No clear trend. Score has changed by less than 5 %.
↘	Negative trend. Score has deteriorated between 5 % and 15 %.
↓	Strong negative trend. Score has deteriorated by more than 15 %.



## Overview for data flow AE-1: CLRTAP data



7 countries with a score of 3 points: Austria, Denmark, France, Latvia, Norway, Sweden, United Kingdom

3 countries with a score of 2 points: Netherlands, Slovakia, Slovenia

19 countries with a score of 1 point: Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Estonia, Finland, FYR of Macedonia, Germany, Greece, Hungary, Iceland, Ireland, Italy, Malta, Poland, Serbia and Montenegro, Spain, Switzerland

8 countries did not deliver data: Albania, Bosnia and Herzegovina, Liechtenstein, Lithuania, Luxembourg, Portugal, Romania, Turkey

### Detailed criteria for scoring

Scoring criteria based on completeness of time series of requested pollutants (SO<sub>2</sub>, NO<sub>x</sub>, CO, NMVOC, NH<sub>3</sub>) 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 (see letter to Eionet).



Complete time series (at least 1990–2004) available for all requested pollutants SO<sub>2</sub>, NO<sub>x</sub>, CO, NMVOC, NH<sub>3</sub> by 15 February 2006.



Data available on time (by 15 February 2006).



Data delivered with delay (after 15 February 2006).



No delivery available.

**European datasets** Air emissions data published through EEA Data Service

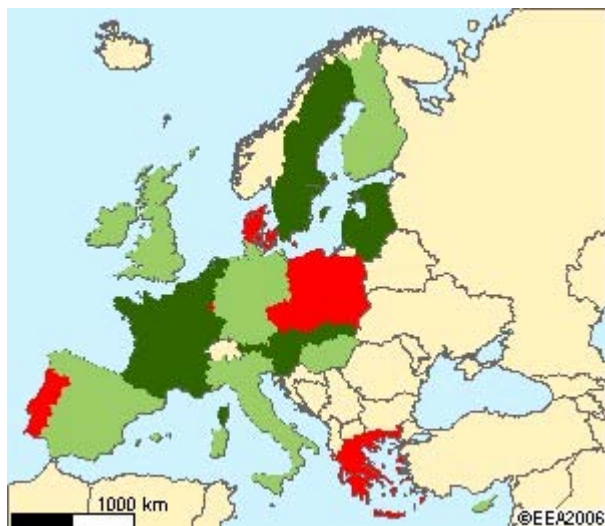
EEA core set of indicators:





#### Related indicators

- CSI 001 Emissions of acidifying substances
- CSI 002 Emissions of ozone precursors
- CSI 003 Emissions of primary particulates and secondary particulate precursors

Other air quality indicators on EEA website.





## Overview for data flow AE-1b: NEC data



	10 countries with a score of 3 points: Austria, Belgium, Estonia, France, Latvia, Lithuania, Netherlands, Slovakia, Slovenia, Sweden
	No country in this category.
	9 countries with a score of 1 point: Cyprus, Finland, Germany, Hungary, Ireland, Italy, Malta, Spain, United Kingdom
	6 countries did not deliver data: Czech Republic, Denmark, Greece, Luxembourg, Poland, Portugal
N/A	This data flow is not applicable to 12 countries: Albania, Bosnia and Herzegovina, Bulgaria, Croatia, FYR of Macedonia, Iceland, Liechtenstein, Norway, Romania, Serbia and Montenegro, Switzerland, Turkey

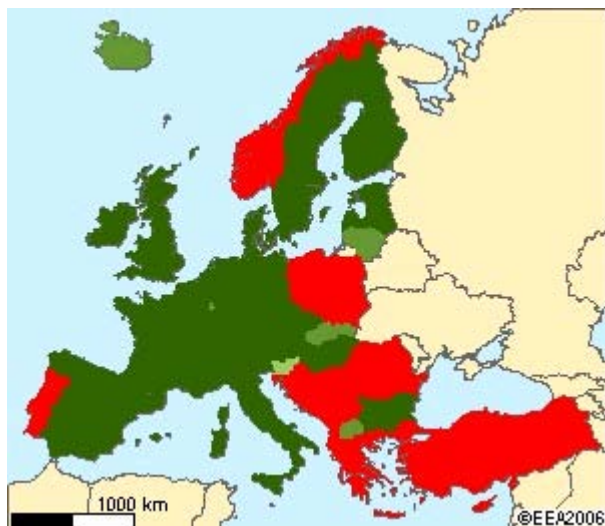
### Detailed criteria for scoring

Scoring criteria based on timeliness of reporting on the emissions of SO<sub>2</sub>, NO<sub>x</sub>, NMVOC and NH<sub>3</sub> during 2003 and 2004 as required by the National Emission Ceilings Directive 2001/81/EC. The directive requires reporting according to the UNECE reporting guidelines. Countries have been requested to post their deliveries in the Central Data Repository (see letter to Eionet).

	NEC data delivered in time (by 31 December 2005) and in the format specified.
	NEC data delivered in time (by 31 December 2005).
	NEC data delivered after 31 December 2005.
	No NEC data delivered.

<b>European datasets</b>	Air emissions data published through EEA Data Service
	EEA core set of indicators:
<b>Related indicators</b>	<ul style="list-style-type: none"> <li>• CSI 001 Emissions of acidifying substances</li> <li>• CSI 002 Emissions of ozone precursors</li> <li>• CSI 003 Emissions of primary particles and secondary particulate precursors</li> </ul>
	Other air quality indicators on EEA website.

## Overview for data flow AE-2: UNFCCC data



18 countries with a score of 3 points: Austria, Belgium, Bulgaria, Czech Republic, Denmark, Estonia, Finland, France, Germany, Hungary, Ireland, Italy, Latvia, Netherlands, Spain, Sweden, Switzerland, United Kingdom

5 countries with a score of 2 points: FYR of Macedonia, Iceland, Lithuania, Luxembourg, Slovakia

1 country with a score of 1 point: Slovenia

13 countries did not deliver data: Albania, Bosnia and Herzegovina, Croatia, Cyprus, Greece, Liechtenstein, Malta, Norway, Poland, Portugal, Romania, Serbia and Montenegro, Turkey

### Detailed criteria for scoring

Scoring criteria based on completeness of time series of requested pollutants. It is critical for the Eionet priority data flow that a copy of the national submission to UNFCCC is made available electronically and in good time in agreed national data repository (see letter to Eionet).



Complete time series made available from 1990 to 2004 for all pollutants requested by data flow project: CO<sub>2</sub>, CH<sub>4</sub>, N<sub>2</sub>O, HFC, PFC and SF<sub>6</sub> made available by 15 April 2006.



Data available on time (by 15 April 2006).



Data delivered with delay (after 15 April 2006).



No delivery available.

**European datasets** Greenhouse gas emissions data published through EEA Data Service

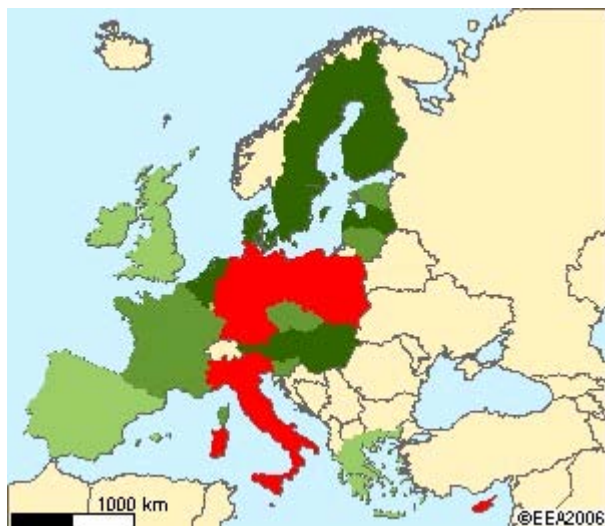
EEA core set of indicators:



#### Related indicators

- CSI 002 Emissions of ozone precursors
- CSI 010 Greenhouse gas emissions and removals

Other climate change indicators on EEA website.





## Overview for data flow AE-2b: EU GHG data



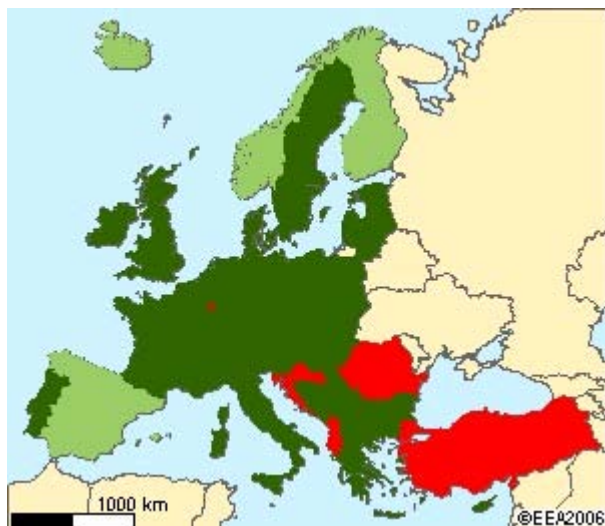
	9 countries with a score of 3 points: Austria, Belgium, Denmark, Finland, Hungary, Latvia, Netherlands, Slovakia, Sweden
	5 countries with a score of 2 points: Czech Republic, Estonia, France, Lithuania, Slovenia
	6 countries with a score of 1 point: Greece, Ireland, Luxembourg, Portugal, Spain, United Kingdom
	5 countries did not deliver data: Cyprus, Germany, Italy, Malta, Poland
N/A	This data flow is not applicable to 12 countries: Albania, Bosnia and Herzegovina, Bulgaria, Croatia, FYR of Macedonia, Iceland, Liechtenstein, Norway, Romania, Serbia and Montenegro, Switzerland, Turkey

### Detailed criteria for scoring

Scoring criteria based on timeliness of reporting on the emissions of greenhouse gases and preliminary inventory report as required by the Greenhouse gas monitoring mechanism 280/2004/EC. The directive requires reporting according to the implementing provisions (2005/166/EC). Countries have been requested to post their deliveries in the Central Data Repository (see letter to Eionet).

	GreenHouse Gas Monitoring Mechanism (EU GHG MM) data delivered in time (by 15 January 2006) including all requested gases and in the format specified. Preliminary inventory report provided.
	EU GHG MM data delivered in time (by 15 January 2006).
	EU GHG MM data delivered after 15 January 2006.
	No EU GHG MM data delivered or significantly delayed delivery.
<b>European datasets</b>	Greenhouse gas emissions data published through EEA Data Service EEA core set of indicators:
<b>Related indicators</b>	<ul style="list-style-type: none"> <li>• CSI 002 Emissions of ozone precursors</li> <li>• CSI 010 Greenhouse gas emissions and removals</li> </ul> <p>Other climate change indicators on EEA website.</p>

## Overview for data flow AQ-1: Eol data



27 countries with a score of 3 points: Austria, Belgium, Bosnia and Herzegovina, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, France, FYR of Macedonia, Germany, Greece, Hungary, Ireland, Italy, Latvia, Liechtenstein, Lithuania, Netherlands, Poland, Portugal, Serbia and Montenegro, Slovakia, Slovenia, Sweden, Switzerland, United Kingdom

1 country with a score of 2 points: Malta

4 countries with a score of 1 point: Finland, Iceland, Norway, Spain

5 countries did not deliver data: Albania, Croatia, Luxembourg, Romania, Turkey

### Detailed criteria for scoring

Scoring criteria based on timeliness of reporting under the Exchange of Information Decision 97/101/EC (amended by Commission Decision 2001/752/EC) and availability of data for particulate matter.



2004 data delivered in time and includes particulate matter (Black Smoke, TSP, PM<sub>10</sub>, PM<sub>2.5</sub>, PM<sub>1.0</sub>).



2004 data delivered in time (by 1 October 2005).



2004 data delivered after 1 October 2005.



No 2004 data delivered.

**European datasets** Eol data published through Airbase

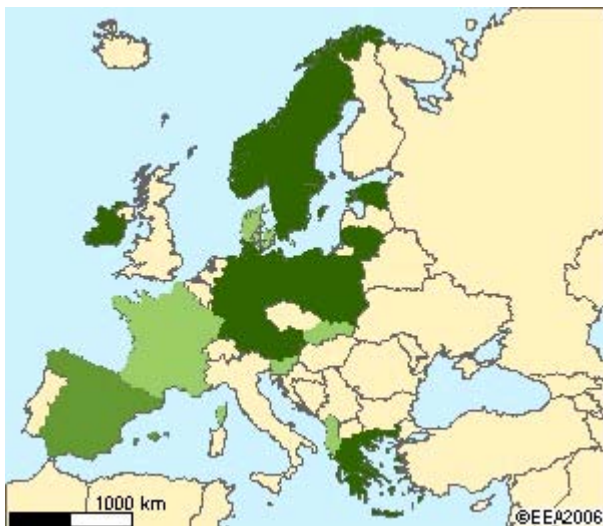
EEA core set of indicators:

#### Related indicators

- CSI 004 Exceedance of air quality limit values in urban areas
- CSI 005 Exposure of ecosystems to acidification, eutrophication and ozone

Other air quality indicators on EEA website.

## Overview for data flow AQ-2: Annual ozone data



10 countries with a score of 3 points: Austria, Estonia, Germany, Greece, Ireland, Lithuania, Malta, Norway, Poland, Sweden

1 country with a score of 2 points: Spain

5 countries with a score of 1 point: Albania, Denmark, France, Slovakia, Slovenia

No country in this category.

This data flow is not applicable to 21 countries: Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Czech Republic, Finland, FYR of Macedonia, Hungary, Iceland, Italy, Latvia, Liechtenstein, Luxembourg, Netherlands, Portugal, Romania, Serbia and Montenegro, Switzerland, Turkey, United Kingdom

### Detailed criteria for scoring

Scoring is based on reporting of validated information about exceedances during the previous year according to Directive 2002/3/EC relating to ozone in ambient air: articles 10(1a), 10(1b), 10(2b). Reporting should be done through the questionnaire for annual reporting on ambient air quality assessment and management 2004/461/EC.

The criteria applied in 2005 are still temporary and no penalty has been applied for non-delivery. They relate to willingness to maintain the continuity of reporting during the transitional period following the introduction of new legislation and to the provision of metadata on Eol code and station type. The Eol code enables the use of additional information delivered under Eol (Exchange of Information Decision 97/101/EC, amended by Commission Decision 2001/752/EC) during the analysis of ozone episodes.



Annual ozone data for 2004 delivered in CDR using the questionnaire by 30 September 2005 and requested metadata provided for at least 95 % of reported stations.



Annual ozone data for 2004 delivered on time but metadata provided for less than 95 % of reported stations.



Information delivered with delay.



Category not used because of transitional period.

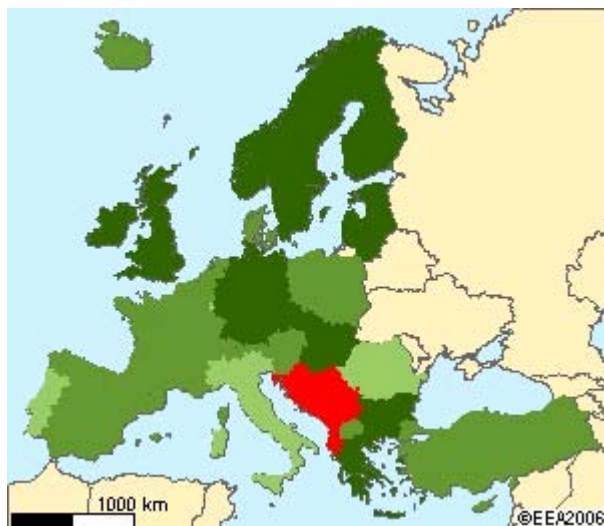
EEA core set of indicators:

#### Related indicators

- CSI 004 Exceedance of air quality limit values in urban areas
- CSI 005 Exposure of ecosystems to acidification, eutrophication and ozone

Other air quality indicators on EEA website.

## Overview for data flow AQ-2b: Monthly and summer ozone data



16 countries with a score of 3 points: Bulgaria, Czech Republic, Estonia, Finland, Germany, Greece, Hungary, Ireland, Latvia, Liechtenstein, Lithuania, Malta, Norway, Slovakia, Sweden, United Kingdom

13 countries with a score of 2 points: Austria, Belgium, Cyprus, Denmark, France, FYR of Macedonia, Iceland, Netherlands, Poland, Slovenia, Spain, Switzerland, Turkey

4 countries with a score of 1 point: Italy, Luxembourg, Portugal, Romania

4 countries did not deliver data: Albania, Bosnia and Herzegovina, Croatia, Serbia and Montenegro

### Detailed criteria for scoring

Scoring is based on reporting of provisional information about exceedances during the summer period of the current year according to Directive 2002/3/EC relating to ozone in ambient air: articles 10.2.a.i and 10.2.a.ii. The criteria relate to the timeliness of reporting in CDR and the provision of station metadata needed for mapping and analysis. The Eol station code is sufficient if the metadata has been reported previously under Eol (Exchange of Information Decision 97/101/EC amended by Commission Decision 2001/752/EC).



Information on exceedances provided in CDR before the end of the following calendar month for each month from April to September. Additional information about the summer delivered in CDR by 31 October 2005 and metadata on station location and type provided for at least 95 % of reported stations.



Information on exceedances provided for all the months from April to September. The report with additional information about the summer delivered after 31 October 2005 for metadata on station location and type not available for at least 95 % of reported stations.



Information on exceedances provided for some months from April to September. The report with additional information about the summer delivered after 31 October 2005 and metadata on station location and type not available for at least 95 % of reported stations.

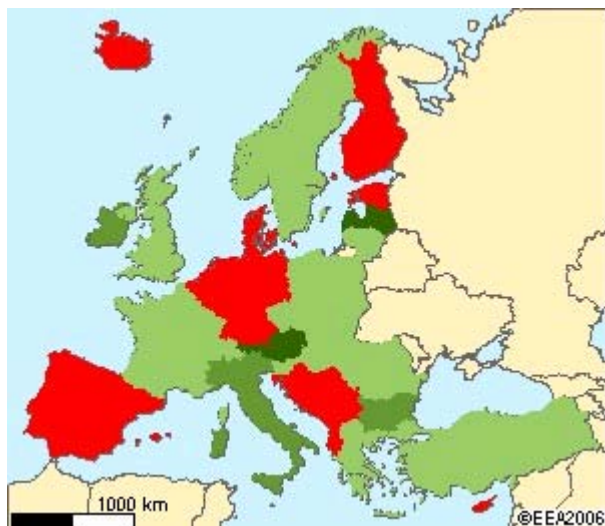


No 2005 data delivered.

**European datasets** Ozone exceedances in summer 2005

**Regular products** Annually published EEA reports on summer ozone exceedances

## Overview for data flow CDDA-1: Designated areas



- 3 countries with a score of 3 points: Austria, Latvia, Liechtenstein

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- 3 countries with a score of 2 points: Bulgaria, Ireland, Italy

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- 16 countries with a score of 1 point: Czech Republic, France, FYR of Macedonia, Greece, Hungary, Lithuania, Malta, Norway, Poland, Romania, Slovakia, Slovenia, Sweden, Switzerland, Turkey, United Kingdom

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- 15 countries did not meet the minimum criteria: Albania, Belgium, Bosnia and Herzegovina, Croatia, Cyprus, Denmark, Estonia, Finland, Germany, Iceland, Luxembourg, Netherlands, Portugal, Serbia and Montenegro, Spain

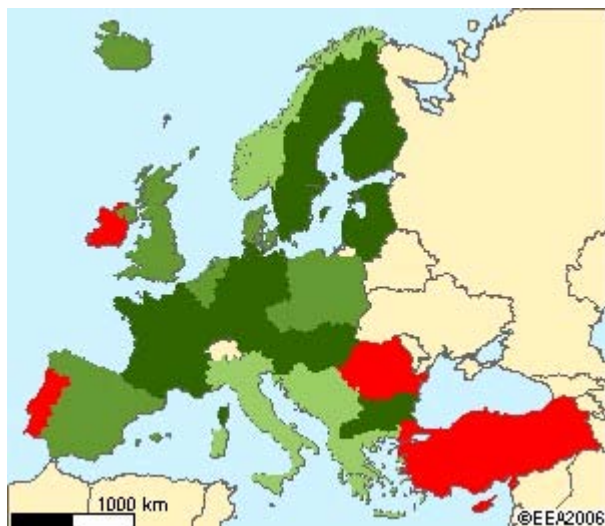
### Detailed criteria for scoring

Scoring criteria based on the quality of the data made available in the agreed national data repository.

	Designated areas made available by 15 May 2005. At least 95 % of the nationally designated areas reported have the required attributes: centre co-ordinates, size of area and valid IUCN category. In addition: At least 75 % of the nationally designated areas reported have the new attributes: altitude and valid habitat category.
	Designated areas made available by 15 May 2005. At least 66 % of the nationally designated areas made available have the required attributes: centre co-ordinates, size of area and valid IUCN category. In addition: At least 50 % of the nationally designated areas reported have the new attributes: altitude and valid habitat category.
	Designated areas made available by 31 July 2005. At least 30 % of the nationally designated areas made available have the required attributes: centre co-ordinates, size of area and valid IUCN category.
	No data made available or less than 30 % of the nationally designated areas reported have the required attributes.
<b>European datasets</b>	Nationally designated areas data published through EEA data service
<b>Related indicators</b>	EEA core set of indicators: CSI 008 Designated areas







## Overview for data flow EWN-1: River quality



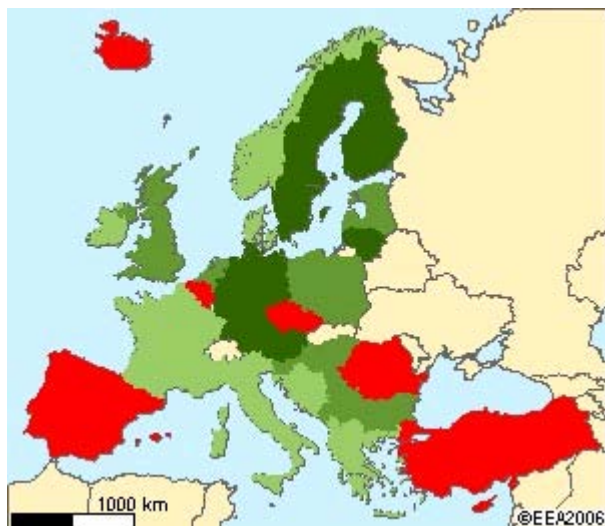
	14 countries with a score of 3 points: Austria, Bulgaria, Estonia, Finland, France, FYR of Macedonia, Germany, Hungary, Latvia, Lithuania, Luxembourg, Slovakia, Slovenia, Sweden
	9 countries with a score of 2 points: Belgium, Czech Republic, Denmark, Iceland, Liechtenstein, Netherlands, Poland, Spain, United Kingdom
	7 countries with a score of 1 point: Albania, Bosnia and Herzegovina, Croatia, Greece, Italy, Norway, Serbia and Montenegro
	5 countries did not deliver data: Cyprus, Ireland, Portugal, Romania, Turkey
N/A	This data flow is not applicable to 2 countries: Malta, Switzerland

### Detailed criteria for scoring

Scoring criteria are based on data deliveries for the current year and the provision of long time series of quality data for a variety of determinands. A further criterion is the identification of river stations according to the criteria in the Technical Guidelines for Eurowaternet Implementation. Important for achieving the maximum score are the provision of hazardous substances data and the response of a country to data validation questions.

	Additionally, at least 2 out of the following criteria are met: 1. More than 75 % of sites identified and described, or 2. Delivery of hazardous substances data, or 3. Provision of a response to data validation questions.
	1. Timely data delivery 2005 to national repository, and 2. Data delivered in the requested format, or long time series (more than 10 years) for ammonium, nitrate and total P available.
	Delayed data delivery under Eionet-Water data collection 2005 (i.e. after the delivery deadline of 28 October 2005). Or: timely delivery, but delivered data are not fulfilling basic quality criteria.
	No data delivery under Eionet-Water data collection 2005.
<b>European datasets</b>	Waterbase data published through EEA data service
	EEA core set of indicators:
<b>Related indicators</b>	<ul style="list-style-type: none"> <li>• CSI 019 Oxygen consuming substances in rivers</li> <li>• CSI 020 Nutrients in freshwater</li> </ul>
	Other water indicators on EEA website.





## Overview for data flow EWN-2: Lake quality



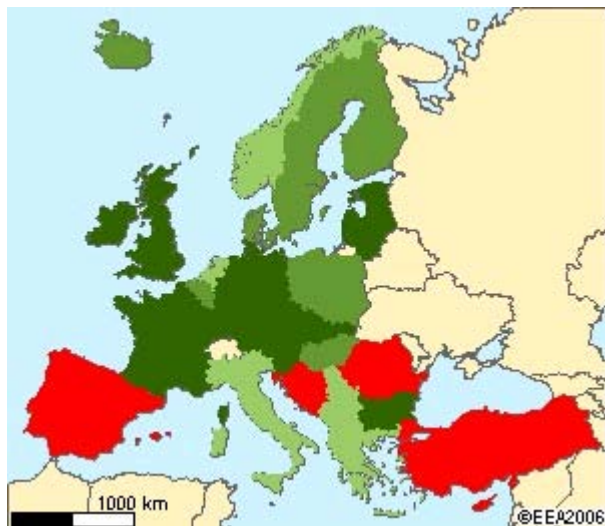
	5 countries with a score of 3 points: Austria, Finland, Germany, Lithuania, Sweden
	9 countries with a score of 2 points: Bulgaria, Estonia, Hungary, Latvia, Netherlands, Poland, Serbia and Montenegro, Slovenia, United Kingdom
	10 countries with a score of 1 point: Albania, Bosnia and Herzegovina, Croatia, Denmark, France, FYR of Macedonia, Greece, Ireland, Italy, Norway
	8 countries did not deliver data: Belgium, Cyprus, Czech Republic, Iceland, Portugal, Romania, Spain, Turkey
N/A	This data flow is not applicable to 5 countries: Liechtenstein, Luxembourg, Malta, Slovakia, Switzerland

### Detailed criteria for scoring

Scoring criteria are based on data deliveries for the current year and the provision of long time series of quality data for a variety of determinands. A further criterion is the identification of lake stations according to the criteria in the Technical Guidelines for Eurowaternet Implementation. Important for achieving the maximum score are the provision of hazardous substances data and the response of a country to data validation questions.

	Additionally, at least two out of the following criteria are met: 1. More than 75 % of sites identified and described, or 2. Delivery of hazardous substances data, or 3. Provision of a response to data validation questions.
	1. Timely data delivery 2005 to national repository, and 2. Data delivered in the requested format, or long time series (more than 10 years) for phosphorus, nitrogen and oxygen available.
	Delayed data delivery under Eionet-Water data collection 2005 (i.e. after the delivery deadline of 28 October 2005). Or: timely delivery, but delivered data are not fulfilling basic quality criteria.
	No data delivery under Eionet-Water data collection 2005.
<b>European datasets</b>	Waterbase data published through EEA data service
<b>Related indicators</b>	EEA core set of indicators: CSI 20 Nutrients in freshwater Other water indicators on EEA website.

## Overview for data flow EWN-3: Groundwater quality







	13 countries with a score of 3 points: Austria, Bulgaria, Czech Republic, Estonia, France, Germany, Ireland, Latvia, Lithuania, Malta, Slovakia, Slovenia, United Kingdom
	9 countries with a score of 2 points: Belgium, Denmark, Finland, Hungary, Iceland, Liechtenstein, Luxembourg, Poland, Sweden
	7 countries with a score of 1 point: Albania, FYR of Macedonia, Greece, Italy, Netherlands, Norway, Serbia and Montenegro
	7 countries did not deliver data: Bosnia and Herzegovina, Croatia, Cyprus, Portugal, Romania, Spain, Turkey
N/A	This data flow is not applicable to 1 country: Switzerland

### Detailed criteria for scoring

Scoring criteria are based on data deliveries for the current year and the provision of quality data for a variety of determinands. A further criterion is the identification of groundwater bodies according to the criteria in the Technical Guidelines for Eurowaternet Implementation.

Important for achieving the maximum score are the provision of pesticides and hazardous substances data or provision of GIS or saltwater intrusion data.

	Additionally, at least two out of the following data sets have to be provided: 1. Data on pesticides and hazardous substances, or 2. GIS data, or 3. Saltwater intrusion data.
	1. Timely data delivery 2005 to national repository in the requested format, and 2. General description and quality data for at least 3 out of the following list of determinands have been provided: nitrate, nitrite, ammonium, dissolved oxygen.
	Delayed data delivery under Eionet-Water data collection 2005 (i.e. after the delivery deadline of 28 October 2005). Or: timely delivery, but delivered data are not fulfilling basic quality criteria.
	No data delivery under Eionet-Water data collection 2005.
<b>European datasets</b>	Waterbase data published through EEA data service
<b>Related indicators</b>	EEA core set of indicators: CSI 020 Nutrients in freshwater Other water indicators on EEA website.





## Overview for data flow EWN-4: Water quantity



	5 countries with a score of 3 points: Austria, FYR of Macedonia, Luxembourg, Spain, United Kingdom
	12 countries with a score of 2 points: Belgium, Bulgaria, Finland, Germany, Hungary, Ireland, Italy, Latvia, Liechtenstein, Slovakia, Slovenia, Sweden
	6 countries with a score of 1 point: Croatia, Denmark, Estonia, Lithuania, Norway, Serbia and Montenegro
	12 countries did not deliver data: Albania, Bosnia and Herzegovina, Cyprus, Czech Republic, France, Greece, Iceland, Netherlands, Poland, Portugal, Romania, Turkey
N/A	This data flow is not applicable to 2 countries: Malta, Switzerland

### Detailed criteria for scoring

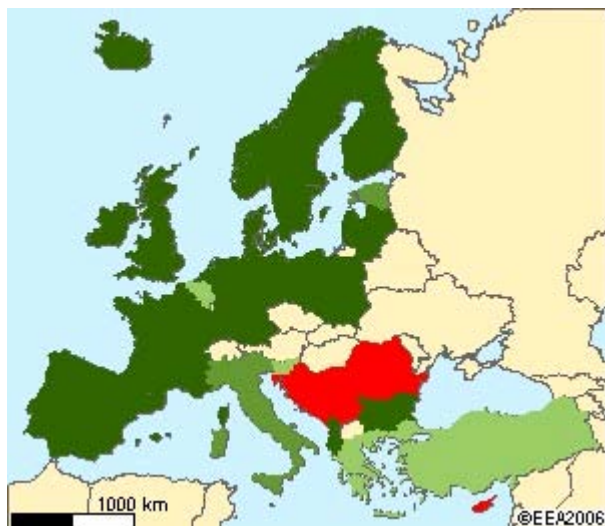
Scoring criteria are based on data deliveries in 2005. Most important evaluation criteria are: timeliness of deliveries, delivery formats, provision of long time series of quantity data for selected determinands and the response of a country to data validation questions.

	Additionally, 1. Long time series (more than 10 years) for P, P <sub>max</sub> , Q, Q <sub>95</sub> and Q <sub>max</sub> available, or 2. Provision of a response to data validation questions.
	1. Timely data delivery 2005 to national repository, and 2. Data delivered in the requested format, or at least 5+ years time series for P, P <sub>max</sub> , Q, Q <sub>95</sub> and Q <sub>max</sub> available.
	Delayed data delivery under Eionet-Water data collection 2005 (i.e. after the delivery deadline of 28 October 2005). Or: timely delivery, but delivered data are not fulfilling basic quality criteria.
	No data delivery under Eionet-Water data collection 2005.
<b>European datasets</b>	Waterbase data published through EEA data service
<b>Related indicators</b>	EEA core set of indicators: CSI 018 Use of freshwater resources Other water indicators on EEA website.

#### Note:

This data flow is not part of the formal set of Eionet priority data flows. The scores are provided for information only. They are not included in the overall assessment of country performance.

## Overview for data flow ME-1: Marine data



	18 countries with a score of 3 points: Albania, Bulgaria, Denmark, Finland, France, Germany, Iceland, Ireland, Latvia, Lithuania, Malta, Netherlands, Norway, Poland, Portugal, Spain, Sweden, United Kingdom
	2 countries with a score of 2 points: Estonia, Italy
	4 countries with a score of 1 point: Belgium, Greece, Slovenia, Turkey
	5 countries did not deliver data: Bosnia and Herzegovina, Croatia, Cyprus, Romania, Serbia and Montenegro
N/A	This data flow is not applicable to 8 countries: Austria, Czech Republic, FYR of Macedonia, Hungary, Liechtenstein, Luxembourg, Slovakia, Switzerland

### Detailed criteria for scoring

Scores based on the evaluation of the data delivered by countries. It is not the intention that this data flow should require countries to make duplicate supplies of data. Any data already submitted to the Marine Conventions need not be re-supplied through the Eionet-Water process. These data will be requested directly from the Marine Conventions. Countries are asked to submit only missing or additional data.

Additionally, at least three items out of the following list have been provided:



- Hazardous substances in biota
- Hazardous substances in sediment
- Hazardous substances in seawater
- Nutrients in sea water
- Riverine inputs and pressure data
- Direct discharges
- Station characteristics



Timely data delivery under Eionet-Water or to Marine Conventions, and provision of data in the requested format.



Delayed data delivery under Eionet-Water or to Marine Conventions in 2005 (delivery deadline for the Eionet-Water data flow: 28 October 2005).



No data delivery under Eionet-Water or to Marine Conventions.

**European datasets** Waterbase data published through EEA data service

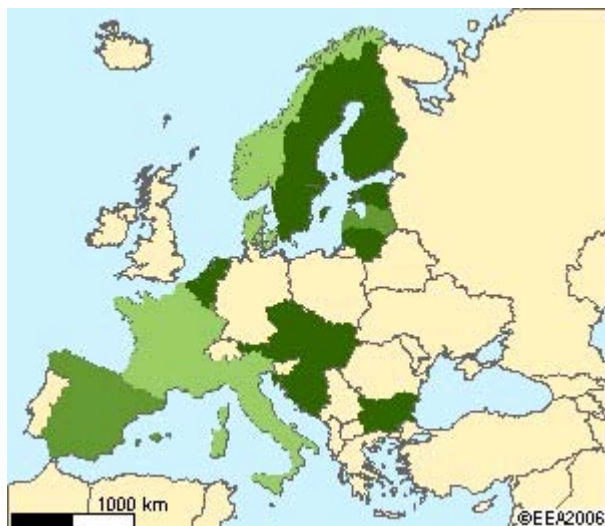
EEA core set of indicators:





#### Related indicators

- CSI 021 Nutrients in transitional, coastal and marine waters
- CSI 023 Chlorophyll in transitional, coastal and marine waters

Other coast and seas indicators on EEA website.

## Overview for data flow TE-2: Contaminated soil



	14 countries with a score of 3 points: Austria, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Czech Republic, Estonia, Finland, Hungary, Lithuania, Malta, Netherlands, Slovakia, Sweden
	3 countries with a score of 2 points: Latvia, Luxembourg, Spain
	4 countries with a score of 1 point: Denmark, France, Italy, Norway
	No country in this category.
N/A	This data flow is not applicable to 16 countries: Albania, Cyprus, FYR of Macedonia, Germany, Greece, Iceland, Ireland, Liechtenstein, Poland, Portugal, Romania, Serbia and Montenegro, Slovenia, Switzerland, Turkey, United Kingdom





### Detailed criteria for scoring

Scoring is based on voluntary reporting under soil contamination as requested by EEA [Access requires CIRCLE login].

The criteria relate to timely delivery of information on one or more of the following issues:

- % contribution of localised sources to soil contamination;
- annual public expenditure on remediation of contaminated sites;
- progress in the management of contaminated sites.

No penalty has been applied for non-delivery.

	Data delivered in national data repository by 30 September 2005. Information provided on all three of the requested categories.
	Data delivered in national data repository by 30 September 2005. Information provided on two of the requested categories.
	Data delivered in national data repository after 30 September 2005 or information provided on only one of the requested categories.
	Category not used because of transitional period.
<b>Related indicators</b>	EEA core set of indicators: CSI 015 Progress in the management of contaminated sites Other soil indicators on EEA website.

Note:

This data flow is not part of the formal set of Eionet priority data flows. The scores are provided for information only. They are not included in the overall assessment of country performance.

## Detailed data flow analysis for Albania

Data flow name	Progress 2004	Progress 2005	Remark
AE-1: CLRTAP data			No information made available in CDR by 21 May 2006.
AE-1b: NEC data	N/A	N/A	Data flow is relevant for EU MS only.
AE-2: UNFCCC data			No information in CDR by 21 May 2006.
AE-2b: EU GHG data	N/A	N/A	Data flow is relevant for EU MS only.
AQ-1: EoI data			No information received by 22 December 2005.
AQ-2: Annual ozone data	N/A		Annual station statistics for years 2001–2003 for several pollutants including ozone. Information not in requested format and reporting unit not specified. Delivered with delay in CDR.
AQ-2b: Monthly and summer ozone data			No delivery of monthly exceedance information or additional summer report on exceedances in 2005 by 22 December 2005.
CDDA-1: Designated areas			2005 data collection: Delivery slightly delayed. 805 sites provided. All have information on IUCN category, about 45 % have information on size and 25 % have information on coordinates. Altitude is available for 70 % of the sites but none have habitat information.
EWN-1: River quality			River data delivered with delay (17 November 2005). Data not delivered in the requested format.
EWN-2: Lake quality			Delayed delivery of data (23 January 2006).
EWN-3: Groundwater quality			Delayed delivery of data (23 January 2006).
EWN-4: Water quantity	N/A		No data delivery under Eionet-Water data collection 2005.
ME-1: Marine data			Marine data delivered on time and in the requested format. Data on nutrients, pressures and station characteristics provided.
TE-2: Contaminated soil	N/A	N/A	Not applicable. No formal data flow in 2004.

## Detailed data flow analysis for Austria

Data flow name	Progress 2004	Progress 2005	Remark
AE-1: CLRTAP data			Delivery on time in CDR. Time series from pre-1990 available for pollutants in criteria. National Inventory Report provided.
AE-1b: NEC data			Full time series from 1990 for all pollutants delivered on time in CDR. Requested format used. National inventory report provided. Delivery access still limited.
AE-2: UNFCCC data			Full time series on time in CDR. National inventory report provided.
AE-2b: EU GHG data			Full time series on time to posted to CDR. Short inventory description provided.
AQ-1: Eol data			Data delivered on time. Data on particulate matter available for 2004. More than 50 % active stations monitoring PM <sub>10</sub> plus some monitoring of smaller particulates.
AQ-2: Annual ozone data			Data delivered on time in CDR. Annual data for 2004 provided in AQ FWD questionnaire. Eol station codes provided. Station type provided.
AQ-2b: Monthly and summer ozone data			All monthly reports provided in CDR: June report slightly delayed. Summer report delivered on time. Requested metadata provided.
CDDA-1: Designated areas			2005 data collection: Delivery on time. 1094 (7 new) sites reported. All sites have information on IUCN category and size. More than 99 % of sites have coordinates and altitude and habitat.
EWN-1: River quality			Data delivered on time and in the requested format. Long time series for NH <sub>4</sub> and NO <sub>3</sub> available. Hazardous substances data delivered. Response to data validation questions provided. More than 100 % of requested stations identified.
EWN-2: Lake quality			Data delivered on time and in the requested format. Some long time series available. Data on hazardous substances are missing. 75 % of lake stations identified. Response to data validation questions provided.
EWN-3: Groundwater quality			Data provided on time and in the requested format. 14 important groundwater bodies identified. Data on pesticides and hazardous substances provided. Saltwater intrusion and GIS data available.
EWN-4: Water quantity	N/A		Data delivered on time and in the requested format. Long time series available. Response to data validation questions provided.
ME-1: Marine data	N/A	N/A	Country does not have a coastline.
TE-2: Contaminated soil	N/A		Information for 2004 provided in CDR. Data available for the three requested categories.



## Detailed data flow analysis for Belgium

Data flow name	Progress 2004	Progress 2005	Remark
AE-1: CLRTAP data			Time series for 1990,1995, 2000–2004 provided with delay to EMEP and posted later in the national repository.
AE-1b: NEC data			Time series for 1990,1995 and 2000–2004 provided on time in CDR. Requested format used.
AE-2: UNFCCC data			Full time series provided on time to UNFCCC. Link posted later in the national repository.
AE-2b: EU GHG data			Full time series on time to CDR and national repository. Brief inventory report available.
AQ-1: EoI data			Data delivered on time. Data on particulate matter available for 2004. More than 50 % active stations monitoring PM <sub>10</sub> plus some monitoring of smaller particulates.
AQ-2: Annual ozone data	N/A	N/A	Not applicable. No formal data flow for annual ozone exceedances in 2005. No information on AQ FWD questionnaire in CDR at 22 December 2005.
AQ-2b: Monthly and summer ozone data			All monthly reports provided in CDR: three with delay. Summer report delivered on time. Requested metadata provided. GDEM facility used.
CDDA-1: Designated areas			2005 data collection: no information in CDR or national repository by 28 September 2005.
EWN-1: River quality			Data for Wallonia provided in time, but data for Flanders delivered with delay (13 December 2005).
EWN-2: Lake quality			No data delivery under Eionet-Water data collection 2005. Data for one lake in Flanders will be delivered in the future. No information on Wallonian lakes.
EWN-3: Groundwater quality			Data for Wallonia provided with a slight delay and in the requested format. Data for Flanders delivered with delay (23 December 2005). General descriptions and quality data provided. Data on pesticides and hazardous substances provided. Saltwater intrusion and GIS data provided.
EWN-4: Water quantity	N/A		Data for the Walloon Region delivered on time and in the requested format. Some long time series available. Data for Flanders delivered with delay (13 February 2006).
ME-1: Marine data			Marine data delivered with delay (15 December 2005).
TE-2: Contaminated soil	N/A		Information for 2004 provided in CDR. Data available for the three requested categories for the Flanders region: management, expenditure and sources of contamination. Data available on two of the requested categories for the Brussels region: management and sources of contamination.

## Detailed data flow analysis for Bosnia and Herzegovina

Data flow name	Progress 2004	Progress 2005	Remark
AE-1: CLRTAP data			No information made available in CDR by 21 May 2006.
AE-1b: NEC data	N/A	N/A	Data flow is relevant for EU MS only.
AE-2: UNFCCC data			No information in CDR by 21 May 2006.
AE-2b: EU GHG data	N/A	N/A	Data flow is relevant for EU MS only.
AQ-1: EoI data			Data delivered on time. Data on particulate matter available for 2004.
AQ-2: Annual ozone data	N/A	N/A	Not applicable. No formal data flow for annual ozone exceedances in 2005. No information on AQ FWD questionnaire in CDR at 22 December 2005.
AQ-2b: Monthly and summer ozone data			No delivery of monthly exceedance information or additional summer report on exceedances in 2005 by 22 December 2005.
CDDA-1: Designated areas			2005 data collection: Delivery slightly delayed. 155 (1 new) sites. 100 % have information on size. Coordinates are available for 22 %. Less than 10 % have information for IUCN category and altitude. No information on habitats.
EWN-1: River quality			Data delivered on time, but not in the requested format. Only short time series available. No response to data validation questions provided. Some hazardous substances data delivered.
EWN-2: Lake quality			Data delivered on time but only released on 20 December 2005.
EWN-3: Groundwater quality			No data delivery under Eionet-Water data collection 2005.
EWN-4: Water quantity	N/A		No data delivery under Eionet-Water data collection 2005.
ME-1: Marine data			No data delivery in 2005.
TE-2: Contaminated soil	N/A		Information for 2004 provided in national data repository. Data available on the three requested categories: management, expenditure and sources of contamination.














## Detailed data flow analysis for Bulgaria

Data flow name	Progress 2004	Progress 2005	Remark
AE-1: CLRTAP data			Delivery on time in CDR. 2004 data available for pollutants in criteria. National Inventory Report provided.
AE-1b: NEC data	N/A	N/A	Data flow is relevant for EU MS only.
AE-2: UNFCCC data			Full time series on time in CDR. Delivery awaiting confirmation as official submission. Files not yet released.
AE-2b: EU GHG data	N/A	N/A	Data flow is relevant for EU MS only.
AQ-1: EoI data			Data delivered on time. Data on particulate matter available for 2004.
AQ-2: Annual ozone data		N/A	Not applicable. No formal data flow for annual ozone exceedances in 2005. No information on AQ FWD questionnaire in CDR at 22 December 2005.
AQ-2b: Monthly and summer ozone data			All monthly reports provided in CDR. Summer report delivered on time. Requested metadata provided.
CDDA-1: Designated areas			2005 data collection: Delivery on time: 904 (7 new) sites. All sites have information on size and coordinates and 96 % have valid IUCN categories. Altitude information is now available for almost 50 % of the sites. No information on habitats.
EWN-1: River quality			Data delivered in time and in the requested format. Long time series for NH <sub>4</sub> and NO <sub>3</sub> are available. All stations identified. Hazardous substances data delivered. No reply to data validation questions provided.
EWN-2: Lake quality			Data delivered on time and in the requested format. Some long time series available. No data on hazardous substances provided. About 50 % of stations identified. No response to the validations questions provided.
EWN-3: Groundwater quality			Data provided on time and in the requested format. General descriptions and selected quality data available. Data on pesticides and hazardous substances provided. Saltwater intrusion and GIS data provided.
EWN-4: Water quantity	N/A		Data delivered on time and in the requested format. Response to data validation questions provided.
ME-1: Marine data			Data delivered on time and in the requested format. Station characteristics, riverine input loads and some discharge data provided.
TE-2: Contaminated soil	N/A		Information for 2004 provided in CDR. Data available on the three requested categories: management, expenditure and sources of contamination.

## Detailed data flow analysis for Croatia

Data flow name	Progress 2004	Progress 2005	Remark
AE-1: CLRTAP data			Information provided with delay in CDR for years 2001–2004.
AE-1b: NEC data	N/A	N/A	Data flow is relevant for EU MS countries only.
AE-2: UNFCCC data			No GHG inventory in CDR by 21 May 2006. The 1990–2003 national inventory report was uploaded to CDR in October 2005.
AE-2b: EU GHG data	N/A	N/A	Data flow is relevant for EU MS only.
AQ-1: EoI data			No information received by 22 December 2005.
AQ-2: Annual ozone data	N/A	N/A	Not applicable. No formal data flow for annual ozone exceedances in 2005. No information on AQ FWD questionnaire in CDR at 22 December 2005.
AQ-2b: Monthly and summer ozone data			No delivery of monthly exceedance information or additional summer report on exceedances in 2005 by 22 December 2005.
CDDA-1: Designated areas			2005 data collection: no delivery by 28 September 2005.
EWN-1: River quality			Delayed delivery of data (15 February 2006).
EWN-2: Lake quality			Delayed delivery of data (15 February 2006).
EWN-3: Groundwater quality			No data delivery under Eionet-Water data collection 2005.
EWN-4: Water quantity	N/A		Data delivered with delay (25 November 2005). Some long time series available.
ME-1: Marine data			No data delivery in 2005.
TE-2: Contaminated soil	N/A		Information for 2005 provided in CDR. Data available on the three requested categories: management, expenditure and sources of contamination.

## Detailed data flow analysis for Cyprus

Data flow name	Progress 2004	Progress 2005	Remark
AE-1: CLRTAP data	N/A		Inventory for 2004 delivered in CDR with delay. Inventory report available.
AE-1b: NEC data	N/A		Inventory for 2004 delivered in CDR with delay.
AE-2: UNFCCC data	N/A		No information in CDR by 21 May 2006.
AE-2b: EU GHG data	N/A		No information available in CDR by 28 February 2006.
AQ-1: Eol data	N/A		Data delivered on time. Data on particulate matter available for 2004. More than 50 % active stations monitoring PM <sub>10</sub> .
AQ-2: Annual ozone data	N/A	N/A	Not applicable. No formal data flow for annual ozone exceedances in 2005. No information on AQ FWD questionnaire in CDR at 22 December 2005.
AQ-2b: Monthly and summer ozone data			Information on all months provided, although only August report is in CDR. Summer report delivered on time. Requested metadata provided.
CDDA-1: Designated areas	N/A		2005 data collection: no delivery by 28 September 2005.
EWN-1: River quality	N/A		No data delivery under Eionet-Water data collection 2005.
EWN-2: Lake quality	N/A		No data delivery under Eionet-Water data collection 2005.
EWN-3: Groundwater quality	N/A		No data delivery under Eionet-Water data collection 2005.
EWN-4: Water quantity	N/A		No data delivery under Eionet-Water data collection 2005.
ME-1: Marine data	N/A		No data delivery in 2005.
TE-2: Contaminated soil	N/A	N/A	Not applicable. No formal data flow on local soil contamination in 2005. No information in national data repository at 22 December 2005.



























## Detailed data flow analysis for Czech Republic

Data flow name	Progress 2004	Progress 2005	Remark
AE-1: CLRTAP data			Delivery on time in CDR. 2004 data available for pollutants in criteria.
AE-1b: NEC data			No information in CDR at 8 February 2006.
AE-2: UNFCCC data			Full time series on time in CDR. National inventory report provided.
AE-2b: EU GHG data			2004 data posted on time to CDR. CO <sub>2</sub> , CH <sub>4</sub> and N <sub>2</sub> O emissions data is missing for 1991 and 1993; for F-gases emissions data is missing for 1990–1994 and 2003 (actual emissions). No inventory report provided.
AQ-1: EoI data			Data delivered on time. Data on particulate matter available for 2004. More than 50 % active stations monitoring PM <sub>10</sub> plus some monitoring of smaller particulates.
AQ-2: Annual ozone data	N/A	N/A	Not applicable. No formal data flow for annual ozone exceedances in 2005. No information on AQ FWD questionnaire in CDR at 22 December 2005.
AQ-2b: Monthly and summer ozone data			All monthly reports provided in CDR. Summer report delivered on time. Requested metadata provided.
CDDA-1: Designated areas			2005 data collection: Delivery on time. 2 239 sites reported. 100 % of records show coordinates and size and 93 % have information on IUCN category. No information available for altitude or habitats. Information very difficult to process because not in requested format.
EWN-1: River quality			Data delivered on time, but not in the requested format. Some long time series for NO <sub>3</sub> and P available. No response to data validation questions provided. Hazardous substances data delivered.
EWN-2: Lake quality			No data delivery under Eionet-Water data collection 2005.
EWN-3: Groundwater quality			Data provided on time and in the requested format. General descriptions and selected quality data available. Data on pesticides and hazardous substances provided. GIS data provided.
EWN-4: Water quantity	N/A		No data delivery under Eionet-Water data collection 2005.
ME-1: Marine data	N/A	N/A	Country does not have a coastline.
TE-2: Contaminated soil	N/A		Information for 2004 provided in CDR. Data available on the three requested categories: management, expenditure and sources of contamination.

## Detailed data flow analysis for Denmark

Data flow name	Progress 2004	Progress 2005	Remark
AE-1: CLRTAP data			Delivery on time in CDR. Time series from pre-1990 available for pollutants in criteria. National Inventory Report provided.
AE-1b: NEC data			No information in CDR at 8 February 2006.
AE-2: UNFCCC data			Full time series on time in CDR. National inventory report provided.
AE-2b: EU GHG data			Full time series on time to CDR. Short inventory description provided.
AQ-1: Eol data			Data delivered on time. Data on particulate matter available for 2004. More than 50 % active stations monitoring PM <sub>10</sub> plus some monitoring of smaller particulates.
AQ-2: Annual ozone data	N/A		Data delivered with delay. Annual data for 2004 provided in AQ FWD questionnaire. Eol station codes provided. Station type provided.
AQ-2b: Monthly and summer ozone data			All monthly reports provided in CDR. Summer report delivered on time. Requested metadata provided for 85 % of stations.
CDDA-1: Designated areas			2005 data collection: no delivery by 28 September 2005.
EWN-1: River quality			Data delivered in time, but not in the requested format. However, long time series for NH <sub>4</sub> and P are available. No response to data validation questions provided. No hazardous substances data delivered.
EWN-2: Lake quality			Data delivered with delay (18 November 2005) and not in the requested format. Long time series available. No data on hazardous substances provided. All stations identified. No response to data validation questions provided.
EWN-3: Groundwater quality			Data provided on time, but not in the requested format. General descriptions available, quality data and data on pesticides and hazardous substances provided. No GIS data provided. No saltwater intrusion data provided.
EWN-4: Water quantity	N/A		Water quantity data delivered previously.
ME-1: Marine data			Data on hazardous substances in biota, nutrients data and station characteristics available through ICES. Additional data uploaded on time to CDR.
TE-2: Contaminated soil	N/A		Information for 2004 provided in CDR with some delay. Data available on the three requested categories: management, expenditure and sources of contamination.

## Detailed data flow analysis for Estonia

Data flow name	Progress 2004	Progress 2005	Remark
AE-1: CLRTAP data			Delivery on time in CDR. 2004 data available for pollutants in criteria.
AE-1b: NEC data			Data for 2003 and 2004 delivered on time in CDR. Requested format used.
AE-2: UNFCCC data			Full time series on time in CDR. National inventory report provided.
AE-2b: EU GHG data			2004 data posted on time to CDR. HFC, PFC and SF <sub>6</sub> emissions are missing. National inventory report provided.
AQ-1: Eol data			Data delivered on time. Data on particulate matter available for 2004. More than 50 % active stations monitoring PM <sub>10</sub> .
AQ-2: Annual ozone data			Data delivered on time in CDR. Annual data for 2004 provided in AQ FWD questionnaire. Eol station codes provided. Station type provided.
AQ-2b: Monthly and summer ozone data			All monthly reports provided in CDR. Summer report delivered on time. Requested metadata available in Airbase. Eol codes provided.
CDDA-1: Designated areas			2005 data collection: Delivery on time. 11 219 (7 837 new) sites reported. All sites have information on size. However less than 2 % of sites have coordinates and IUCN category. No information on altitude or habitats. Additional voluntary information on site boundaries provided.
EWN-1: River quality			Data delivered in time, but not in the requested format. Long time series are available. Response to data validation questions provided. No hazardous substances data delivered. Eionet-Water stations identified.
EWN-2: Lake quality			Data delivered on time, but not in the requested format. Some long time series available. No data on hazardous substances provided. Response to data validation questions provided.
EWN-3: Groundwater quality			Data provided on time and in the requested format. Five important groundwater bodies identified. Quality data and data on pesticides and hazardous substances provided. Saltwater intrusion and GIS data provided previously.
EWN-4: Water quantity	N/A		Data delivered with delay (12 December 2005) and in the requested format.
ME-1: Marine data			Data delivered on time and in the requested format. Station characteristics and data on nutrients in seawater provided.
TE-2: Contaminated soil	N/A		Information for 2004 provided in CDR. Data available on the three requested categories: management, expenditure and sources of contamination.



## Detailed data flow analysis for FYR of Macedonia

Data flow name	Progress 2004	Progress 2005	Remark
AE-1: CLRTAP data			Delivery on time in CDR. 2004 data available for pollutants in criteria.
AE-1b: NEC data	N/A	N/A	Data flow is relevant for EU MS only.
AE-2: UNFCCC data			Time series 1990–2000 and 2002 delivered on time to CDR.
AE-2b: EU GHG data	N/A	N/A	Data flow is relevant for EU MS only.
AQ-1: EoI data			Data delivered on time. Data on particulate matter available for 2004. More than 50 % active stations monitoring PM <sub>10</sub> .
AQ-2: Annual ozone data	N/A	N/A	Not applicable. No formal data flow for annual ozone exceedances in 2005. No information on AQ FWD questionnaire in CDR at 22 December 2005.
AQ-2b: Monthly and summer ozone data			All monthly reports provided in CDR: May report slightly delayed. Summer report delivered on time. Requested metadata provided.
CDDA-1: Designated areas			2005 data collection: Delivered on time but CDR envelope not yet released. 77 sites (5 new) reported. All sites have IUCN category information, 77 % have coordinates and 70 have size. 14 % of records have information on altitude but no habitat information is available.
EWN-1: River quality			Data delivered on time and in the requested format. Some long time series on NH <sub>4</sub> and NO <sub>3</sub> available. Response to data validation questions provided. Hazardous substances data delivered. More than 75 % of stations identified.
EWN-2: Lake quality			No actual data delivery, but response to data validation questions provided.
EWN-3: Groundwater quality			Data provided on time and in the requested format. General descriptions provided. No pesticide, saltwater intrusion or GIS data provided.
EWN-4: Water quantity	N/A		Data delivered on time and in the requested format. Long time series available. Response to data validation questions provided.
ME-1: Marine data	N/A	N/A	Country does not have a coastline.
TE-2: Contaminated soil		N/A	Not applicable. No formal data flow on local soil contamination in 2005. No information in national data repository at 22 December 2005.

## Detailed data flow analysis for Finland

Data flow name	Progress 2004	Progress 2005	Remark
AE-1: CLRTAP data			Late delivery to CDR (15 June 2006). Note: information provided to EMEP.
AE-1b: NEC data			Late delivery to CDR (15 June 2006).
AE-2: UNFCCC data			Full time series on time in CDR (posted under EU folder). National inventory report provided.
AE-2b: EU GHG data			Full time series on time in CDR. National inventory report provided.
AQ-1: EoI data			Data delivered with delay. Data on particulate matter available for 2004. More than 50 % active stations monitoring PM <sub>10</sub> plus some monitoring of smaller particulates.
AQ-2: Annual ozone data		N/A	Not applicable. No formal data flow for annual ozone exceedances in 2005. No information on AQ FWD questionnaire in CDR at 22 December 2005.
AQ-2b: Monthly and summer ozone data			All monthly reports provided in CDR. Summer report delivered on time. Requested metadata provided.
CDDA-1: Designated areas			2005 data collection: Data delivered on time in agreed national repository. 5 209 (1 298 new) sites reported. 100 % have coordinate and size information and 75 % have information on altitude but only 3 % have IUCN category information. No information provided on habitats.
EWN-1: River quality			Data delivered with a slight delay and in the requested format. Long time series available. Response to data validation questions provided. Hazardous substances data delivered.
EWN-2: Lake quality			Data delivered on time and in the requested format. Long time series available. Data on hazardous substances provided. All stations identified. No response to data validation questions provided.
EWN-3: Groundwater quality			Data provided on time and in the requested format. General descriptions and quality data provided. No GIS or saltwater intrusion data provided.
EWN-4: Water quantity	N/A		Data delivered on time, but not in the requested format. Some long time series available. Response to data validation questions provided.
ME-1: Marine data			Data made available through ICES. Additional data uploaded to CDR. Data on hazardous substances in biota, nutrients data and station characteristics available.
TE-2: Contaminated soil	N/A		Information for 2004 provided in national data repository. Data available on the three requested categories: management, expenditure and sources of contamination.

## Detailed data flow analysis for France

Data flow name	Progress 2004	Progress 2005	Remark
AE-1: CLRTAP data			Delivery on time in CDR. Time series from pre-1990 available for pollutants in criteria. National Inventory Report provided.
AE-1b: NEC data			Full time series from 1980 for all pollutants delivered on time in CDR. Requested format used.
AE-2: UNFCCC data			Full time series on time in CDR. National inventory report provided.
AE-2b: EU GHG data			Summary time series posted on time to CDR. No inventory report provided.
AQ-1: EoI data			Data delivered on time. Data on particulate matter available for 2004. More than 50 % active stations monitoring PM <sub>10</sub> plus some monitoring of smaller particulates.
AQ-2: Annual ozone data			Data delivered with delay. Annual data for 2004 provided in AQ FWD questionnaire. EoI station codes provided. Station type missing for most stations.
AQ-2b: Monthly and summer ozone data			All monthly reports provided in CDR. Summer report delivered on time. Requested metadata on latitude and longitude of stations provided but only 80 % of stations have information on type of station and type of area.
CDDA-1: Designated areas			2005 data collection: Delivery on time: 1 639 (146 new) sites. All have valid IUCN categories, 99 % have coordinates and 95 % have information on size. No information on altitude or habitats.
EWN-1: River quality			Data delivered on time and in the requested format. Some long time series available. No response to data validation questions provided. Some hazardous substances data delivered. Eionet-Water stations identified.
EWN-2: Lake quality			No delivery of data according to Eionet-Water data request 2005, but provision of best available information in France.
EWN-3: Groundwater quality			Data provided on time and (partly) in the requested format. General descriptions and quality data provided. Data on pesticides and hazardous substances provided. Saltwater intrusion and GIS data provided.
EWN-4: Water quantity	N/A		No data delivery under Eionet-Water data collection 2005.
ME-1: Marine data			Data made available through ICES. Additional data uploaded to CDR. Data on hazardous substances in biota, nutrients data and station characteristics available.
TE-2: Contaminated soil			Information for 2004/2005 provided in CDR with a slight delay. Data available on the three requested categories: management, expenditure and sources of contamination.

## Detailed data flow analysis for Germany

Data flow name	Progress 2004	Progress 2005	Remark
AE-1: CLRTAP data			Information provided with delay in CDR.
AE-1b: NEC data			Information provided with delay in CDR.
AE-2: UNFCCC data			Full time series provided on time to UNFCCC. Link posted later in CDR.
AE-2b: EU GHG data			No information available in CDR by 28 February 2006.
AQ-1: Eol data			Data delivered on time. Data on particulate matter available for 2004. More than 50 % active stations monitoring PM <sub>10</sub> plus some monitoring of smaller particulates.
AQ-2: Annual ozone data			Data delivered on time in CDR. Annual data for 2004 provided in AQ FWD questionnaire. Eol station codes provided. Station type provided.
AQ-2b: Monthly and summer ozone data			All monthly reports provided in CDR. Summer report delivered on time. Requested metadata provided for 99 % of stations.
CDDA-1: Designated areas			2005 data collection: Delivery delayed (9 June) and not in requested format. Revised delivery provided in August has not yet been assessed.
EWN-1: River quality			Data delivered on time, but not in the requested format. Long time series available. Response to data validation questions provided. Hazardous substances data delivered.
EWN-2: Lake quality			Data delivered on time and in the requested format. Some long time series available. Data on hazardous substances provided. Response to data validation questions provided.
EWN-3: Groundwater quality			Data provided on time and in the requested format. General descriptions and quality data provided. Data on pesticides and hazardous substances provided. Saltwater intrusion and GIS data provided previously.
EWN-4: Water quantity	N/A		Data delivered on time and in the requested format. Some long time series available. No response to data validation questions provided.
ME-1: Marine data			Data on hazardous substances in biota, nutrients data and station characteristics available through ICES.
TE-2: Contaminated soil	N/A	N/A	Not applicable. No formal data flow on local soil contamination in 2005. No information in national data repository at 22 December 2005.

## Detailed data flow analysis for Greece

Data flow name	Progress 2004	Progress 2005	Remark
AE-1: CLRTAP data			Information provided with delay in CDR.
AE-1b: NEC data			No information in CDR at 8 February 2006.
AE-2: UNFCCC data			No information in CDR by 21 May 2006.
AE-2b: EU GHG data			Full time series posted with slight delay to CDR. Short inventory report provided.
AQ-1: Eol data			Data delivered on time. Data on particulate matter available for 2004.
AQ-2: Annual ozone data			Data delivered on time in CDR. Annual data for 2004 provided in AQ FWD questionnaire. Eol station codes provided. Station type provided.
AQ-2b: Monthly and summer ozone data			All monthly reports provided in CDR. Summer report delivered on time. Requested metadata provided.
CDDA-1: Designated areas			2005 data collection: Delivery slightly delayed. 152 (3 new) sites. 100 % have a valid IUCN category and 96 % show the size. About 73 % of sites have coordinates and altitude information is available for 12 %. No information on habitats.
EWN-1: River quality			Data delivered with a substantial delay (23 November 2005). Only short times series available. Some hazardous substances data provided.
EWN-2: Lake quality			Data delivered with delay (25 November 2005).
EWN-3: Groundwater quality			Some data for 2000–2003 delivered on 13 June 2005.
EWN-4: Water quantity	N/A		No data delivery under Eionet-Water data collection 2005.
ME-1: Marine data			Delayed data delivery via email (24 October 2005 and 16 February 2006).
TE-2: Contaminated soil	N/A	N/A	Not applicable. No formal data flow on local soil contamination in 2005. No information in national data repository at 22 December 2005.

## Detailed data flow analysis for Hungary

Data flow name	Progress 2004	Progress 2005	Remark
AE-1: CLRTAP data			Delivery on time in CDR. 2004 data available for pollutants in criteria.
AE-1b: NEC data	N/A		Emission totals made available for 2003 and 2004. No information on sectors. Data not provided in requested format. Delivered on time in CDR.
AE-2: UNFCCC data			National Inventory report provided. Full time series delivered on time (posted under EU folder) to CDR.
AE-2b: EU GHG data			2004 data posted on time to CDR. Short inventory report provided.
AQ-1: Eol data			Data delivered on time. Data on particulate matter available for 2004. More than 50 % active stations monitoring PM <sub>10</sub> .
AQ-2: Annual ozone data	N/A	N/A	Not applicable. No formal data flow for annual ozone exceedances in 2005. No information on AQ FWD questionnaire in CDR at 22 December 2005.
AQ-2b: Monthly and summer ozone data			All monthly reports provided in CDR. Summer report delivered on time. Requested metadata provided.
CDDA-1: Designated areas			2005 data collection: Delivery on time. 239 sites provided. All records have size, 80 % have IUCN categories and almost 60 % have coordinates. No information on altitude or habitats. Additional voluntary information on site boundaries provided.
EWN-1: River quality			Data delivered on time and in the requested format. Long time series available. Hazardous substances data delivered. More than 75 % of stations identified.
EWN-2: Lake quality			Data delivered on time and in the requested format. Some long time series available. Data on hazardous substances provided.
EWN-3: Groundwater quality			Data provided with a slight delay and in the requested format. General descriptions and quality data provided. No data on pesticides and hazardous substances provided.
EWN-4: Water quantity	N/A		Data delivered with a slight delay and in the requested format. No response to data validation questions provided.
ME-1: Marine data	N/A	N/A	Country does not have a coastline.
TE-2: Contaminated soil	N/A		Information for 2004 provided in CDR. Data available on the three requested categories: management, expenditure and sources of contamination.

## Detailed data flow analysis for Iceland

Data flow name	Progress 2004	Progress 2005	Remark
AE-1: CLRTAP data			Information provided with delay in CDR.
AE-1b: NEC data	N/A	N/A	Data flow is relevant for EU MS only.
AE-2: UNFCCC data			Full time series up to 2003 delivered on time to CDR. No information for 2004.
AE-2b: EU GHG data	N/A	N/A	Data flow is relevant for EU MS only.
AQ-1: Eol data			Data delivered with delay. Data on particulate matter available for 2004. More than 50 % active stations monitoring PM <sub>10</sub> plus some monitoring of smaller particulates.
AQ-2: Annual ozone data	N/A	N/A	Not applicable. No formal data flow for annual ozone exceedances in 2005. No information on AQ FWD questionnaire in CDR at 22 December 2005.
AQ-2b: Monthly and summer ozone data			Information on all monthly reports provided although not in CDR. Summer report delivered on time. Requested metadata available in Airbase. Eol code provided.
CDDA-1: Designated areas			2005 data collection: no delivery by 28 September 2005.
EWN-1: River quality			Data for one station delivered on time and in the requested format. First ever river data delivery for Eionet-Water. Only short time series available.
EWN-2: Lake quality			No data delivery under Eionet-Water data collection 2005.
EWN-3: Groundwater quality			Data provided with a slight delay, not in the requested format. General descriptions and quality data provided. Data on pesticides and hazardous substances provided. No GIS or saltwater intrusion data provided.
EWN-4: Water quantity	N/A		No data delivery under Eionet-Water data collection 2005.
ME-1: Marine data			Data made available through ICES. Data on hazardous substances in biota, nutrients data and station characteristics available.
TE-2: Contaminated soil	N/A	N/A	Not applicable. No formal data flow on local soil contamination in 2005. No information in national data repository at 22 December 2005.

## Detailed data flow analysis for Ireland

Data flow name	Progress 2004	Progress 2005	Remark
AE-1: CLRTAP data			Delivery on time in CDR. 2004 data available for pollutants in criteria. Additional information also provided but all files have restricted access.
AE-1b: NEC data			Time series for 2001–2004 delivered with delay to CDR. Requested format used.
AE-2: UNFCCC data			Full time series delivered on time to CDR. National inventory report provided.
AE-2b: EU GHG data			Full time series posted with slight delay to CDR and then revised. Inventory report was provided on 24 March 2006.
AQ-1: Eol data			Data delivered on time. Data on particulate matter available for 2004. More than 50 % active stations monitoring PM <sub>10</sub> plus some monitoring of smaller particulates.
AQ-2: Annual ozone data			Data delivered on time in CDR. Annual data for 2004 provided in AQ FWD questionnaire. Eol station codes provided. Station type provided.
AQ-2b: Monthly and summer ozone data			All monthly reports provided in CDR. Summer report delivered on time. Requested metadata provided.
CDDA-1: Designated areas			2005 data collection: Delivery on time showing a major revision of the inventory. There are 208 sites all of which have valid IUCN categories. 96 % of the sites have coordinate information and 90 % have size. Nearly 80 % have information on habitats and just over 20 % have information on altitude.
EWN-1: River quality			No data delivery under Eionet-Water data collection 2005.
EWN-2: Lake quality			Data delivered with delay (18 November 2005) and not in the requested format. Some long time series available. No data on hazardous substances provided. No response to data validation questions provided.
EWN-3: Groundwater quality			Data provided on time and in the requested format. General descriptions and quality data provided. No data on pesticides and hazardous substances provided. Information about saltwater intrusion and GIS data provided.
EWN-4: Water quantity	N/A		Data delivered on time and in the requested format. Some long time series available. No response to data validation questions provided.
ME-1: Marine data			Data made available through ICES. Data on hazardous substances in biota, nutrients data and station characteristics available.
TE-2: Contaminated soil	N/A	N/A	Not applicable. No formal data flow on local soil contamination in 2005. No information in national data repository at 22 December 2005.



## Detailed data flow analysis for Italy

Data flow name	Progress 2004	Progress 2005	Remark
AE-1: CLRTAP data			Information provided with delay in national repository. Time series from 1980–2004.
AE-1b: NEC data			Time series for 2003–2004 provided in national repository with four months delay.
AE-2: UNFCCC data			Information provided on time in national repository. Time series from 1990 to 2004 for requested gases.
AE-2b: EU GHG data			Information provided in national repository with three months delay.
AQ-1: EoI data			Data delivered on time in national repository. Data on particulate matter available for 2004. More than 50 % active stations monitoring PM <sub>10</sub> plus some monitoring of smaller particulates.
AQ-2: Annual ozone data	N/A	N/A	Not applicable. No formal data flow for annual ozone exceedances in 2005. No information on AQ FWD questionnaire in national repository at 22 December 2005.
AQ-2b: Monthly and summer ozone data			All monthly reports provided in CDR; three with delay. Summer report delivered with slight delay. Requested metadata provided for 45 % of stations.
CDDA-1: Designated areas			Assessment 2005 data collection: Delivery on time: 772 sites all with valid IUCN category information, size, altitude and coordinates. 230 (30 %) of the records have information on EUNIS habitats. Additional voluntary information on site boundaries provided.
EWN-1: River quality			Data delivered on time and in the requested format. Only short time series available. No response to data validation questions provided. No hazardous substances data delivered.
EWN-2: Lake quality			Data delivered on time and (partly) in the requested format. Only short time series available. No data on hazardous substances provided. No response to data validation questions provided.
EWN-3: Groundwater quality			Data provided on time, but not in the requested format. There are several open issues concerning this data delivery. General descriptions (partly) and quality data provided. Some data on pesticides and hazardous substances provided. No GIS data provided. Saltwater intrusion data provided previously.
EWN-4: Water quantity	N/A		Data delivered with a slight delay and in the requested format. Some long time series available.
ME-1: Marine data			Data delivered with a slight delay and not in the requested format. Data provided on nutrients and hazardous substances in biota and sediments.
TE-2: Contaminated soil	N/A		Information for 2005 provided in national data repository with delay. Data available on the three requested categories: management, expenditure and sources of contamination.

## Detailed data flow analysis for Latvia

Data flow name	Progress 2004	Progress 2005	Remark
AE-1: CLRTAP data			Delivery on time in CDR. Time series from 1990 available for pollutants in criteria. Information on additional pollutants available. Inventory Report provided.
AE-1b: NEC data			Time series for 1990–2004 delivered on time to CDR. Requested format used.
AE-2: UNFCCC data			Full time series delivered on time in CDR. National inventory report provided.
AE-2b: EU GHG data			Delivery on time to CDR. Full time series available. Short inventory report provided.
AQ-1: Eol data			Data delivered on time. Data on particulate matter available for 2004. More than 50 % active stations monitoring PM <sub>10</sub> .
AQ-2: Annual ozone data		N/A	Not applicable. No formal data flow for annual ozone exceedances in 2005. No information on AQ FWD questionnaire in CDR at 22 December 2005.
AQ-2b: Monthly and summer ozone data			All monthly reports provided in CDR. Summer report delivered on time. Requested metadata provided.
CDDA-1: Designated areas			2005 data collection: Delivery on time: 656 (23 new) sites. 100 % with information on coordinates, valid IUCN categories and altitude. 95 % with information on size and on habitats. Additional voluntary information on site boundaries provided.
EWN-1: River quality			Data provided on time, but not in the requested format. All river stations identified. Some long time series available. Hazardous substances data provided. Response to data validation questions provided.
EWN-2: Lake quality			Data delivered on time and in the requested format. Some long time series available. Some data on hazardous substances available. No response to data validation questions provided.
EWN-3: Groundwater quality			Data provided on time and in the requested format. General descriptions and quality data provided. No data on pesticides and hazardous substances provided. GIS data provided. Saltwater intrusion data provided.
EWN-4: Water quantity	N/A		Data delivered on time, but not in the requested format. Long time series available.
ME-1: Marine data			Data delivered on time and in the requested format. Data provided on nutrients in seawater, riverine inputs, direct discharges and station characteristics.
TE-2: Contaminated soil	N/A		Updated information provided in CDR. Data available on two of the requested categories: management and sources of contamination.

## Detailed data flow analysis for Liechtenstein

Data flow name	Progress 2004	Progress 2005	Remark
AE-1: CLRTAP data			No information made available in CDR by 21 May 2006.
AE-1b: NEC data	N/A	N/A	Data flow is relevant for EU MS only.
AE-2: UNFCCC data			No information in CDR by 21 May 2006.
AE-2b: EU GHG data	N/A	N/A	Data flow is relevant for EU MS only.
AQ-1: Eol data			Data delivered on time. Data on particulate matter available for 2004. The active station is monitoring PM <sub>10</sub> .
AQ-2: Annual ozone data	N/A	N/A	Not applicable. No formal data flow for annual ozone exceedances in 2005. No information on AQ FWD questionnaire in CDR at 22 December 2005.
AQ-2b: Monthly and summer ozone data			All monthly reports provided in CDR. Summer report delivered on time. Requested metadata provided.
CDDA-1: Designated areas			2005 data collection: Delivery on time: 10 sites. 100 % have required information including altitude and habitats. The habitats information refers to most of the coverage of each site but does not reach 100 %. Additional voluntary information on site boundaries provided.
EWN-1: River quality			Data delivered on time and in the requested format. Only short time series available. No hazardous substances data provided.
EWN-2: Lake quality	N/A	N/A	Country does not have any relevant lake.
EWN-3: Groundwater quality			Data provided on time and in the requested format. General descriptions and quality data provided. No data on pesticides and hazardous substances provided. No GIS or saltwater intrusion data provided.
EWN-4: Water quantity	N/A		Data delivered on time and in the requested format. Some long time series available. No response to data validation questions provided.
ME-1: Marine data	N/A	N/A	Country does not have a coastline.
TE-2: Contaminated soil	N/A	N/A	Not applicable. No formal data flow on local soil contamination in 2005. No information in national data repository at 22 December 2005.

## Detailed data flow analysis for Lithuania

Data flow name	Progress 2004	Progress 2005	Remark
AE-1: CLRTAP data			No information made available in CDR by 21 May 2006. Note: information provided to EMEP.
AE-1b: NEC data			Time series for 1990–2004 delivered on time to CDR. Requested format used.
AE-2: UNFCCC data			National Inventory report provided. 2004 data delivered on time to CDR (posted under EU folder).
AE-2b: EU GHG data			2004 data delivered on time in CDR. For CO <sub>2</sub> , CH <sub>4</sub> and N <sub>2</sub> O no emissions data are available for 1991 and 1999–2000; for HFC and SF <sub>6</sub> 1990–1997 and 1999–2000 is missing; for PFC no data is available for 1990–2004. No inventory report provided.
AQ-1: Eol data			Data delivered on time. Data on particulate matter available for 2004. More than 50 % active stations monitoring PM <sub>10</sub> .
AQ-2: Annual ozone data	N/A		Annual data for 2004 provided in AQ FWD questionnaire. Eol station codes provided. Station type provided.
AQ-2b: Monthly and summer ozone data			All monthly reports provided in CDR. Summer report delivered on time. Requested metadata provided.
CDDA-1: Designated areas			2005 data collection: Delivery on time: 311 (16 new) sites all with valid IUCN categories, information on size and coordinates. No information on altitude or habitats.
EWN-1: River quality			Data delivered on time and in the requested format. Long time series are available. All stations identified. Hazardous substances data provided. Response to data validation questions provided.
EWN-2: Lake quality			Data delivered on time and in the requested format. Some long time series available. Data on hazardous substances available. Response to data validation questions provided.
EWN-3: Groundwater quality			Data provided on time and in the requested format. General descriptions and quality data provided. No data on pesticides and hazardous substances provided. GIS data available. Saltwater intrusion data provided previously.
EWN-4: Water quantity	N/A		Data delivered with delay (21 November 2005). Some long time series available. Response to data validation questions provided.
ME-1: Marine data			Data delivered on time and in the requested format. Data provided for nutrients and hazardous substances in seawater, biota and sediment.
TE-2: Contaminated soil	N/A		Information for 2004 provided in CDR. Data available on the three requested categories: management, expenditure and sources of contamination.

## Detailed data flow analysis for Luxembourg

Data flow name	Progress 2004	Progress 2005	Remark
AE-1: CLRTAP data			No information made available in CDR by 21 May 2006.
AE-1b: NEC data			No information in CDR at 8 February 2006.
AE-2: UNFCCC data			National Inventory report provided. Time series to 2003 delivered on time to CDR (posted under EU folder).
AE-2b: EU GHG data			Information provided to ETC ACC with delay. For 2004 no data for CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O, HFC, PFC, SF <sub>6</sub> is available. For 1990-2003, the required all CRF tables are missing. For 1990-2003 most sectoral background tables are missing in particular Tables 1B1, 1B2, 1C, 2(l).A-G, 4A, 4B, 4D, 6A, 6B. No information in CDR.
AQ-1: Eol data			Statement from NFP that there will be no delivery.
AQ-2: Annual ozone data	N/A	N/A	Not applicable. No formal data flow for annual ozone exceedances in 2005. No information on AQ FWD questionnaire in CDR at 22 December 2005.
AQ-2b: Monthly and summer ozone data			Information on monthly exceedances provided although only two reports in CDR. Summer report delivered with a slight delay. Requested metadata provided.
CDDA-1: Designated areas			2005 data collection: no delivery by 28 September 2005.
EWN-1: River quality			Data delivered on time and in the requested format. Long time series are available. All stations identified. Hazardous substances data provided.
EWN-2: Lake quality	N/A	N/A	Country does not have any relevant lake.
EWN-3: Groundwater quality			Data provided on time and in the requested format. General descriptions and quality data provided. No data on pesticides and hazardous substances provided. GIS data available. No saltwater intrusion data provided.
EWN-4: Water quantity	N/A		Data delivered on time and in the requested format. Response to data validation questions provided.
ME-1: Marine data	N/A	N/A	Country does not have a coastline. However, Luxembourg is party to the OSPAR Convention.
TE-2: Contaminated soil	N/A		Information for 2004 provided in CDR. Data available on two requested categories: management and sources of contamination.






















## Detailed data flow analysis for Malta

Data flow name	Progress 2004	Progress 2005	Remark
AE-1: CLRTAP data			Delivery with delay in CDR. 2003–2004 data available for pollutants in criteria. File access restricted.
AE-1b: NEC data	N/A		Time series for 2003–2004 delivered with significant delay to CDR. Requested format used.
AE-2: UNFCCC data			No information in CDR by 21 May 2006.
AE-2b: EU GHG data			No information available in CDR by 28 February 2006.
AQ-1: Eol data			Timely data delivery. Data on particulate matter available for 2004. More than 50 % active stations monitoring PM <sub>10</sub> .
AQ-2: Annual ozone data			Annual data for 2004 provided in AQ FWD questionnaire. Eol station codes provided. Station type provided.
AQ-2b: Monthly and summer ozone data			All monthly reports provided in CDR. Summer report delivered on time. Requested metadata available.
CDDA-1: Designated areas			2005 data collection: Delivery on time of a revised inventory: 93 sites. All have valid IUCN categories and coordinates. 72 % have information on size and nearly 70 % on altitude. No information on habitats. Additional voluntary information on site boundaries provided.
EWN-1: River quality	N/A	N/A	Not applicable.
EWN-2: Lake quality	N/A	N/A	Country does not have any relevant lake.
EWN-3: Groundwater quality			Data provided on time and in the requested format. General descriptions and quality data provided. No data on pesticides and hazardous substances provided. Saltwater intrusion data provided. GIS data provided previously.
EWN-4: Water quantity	N/A	N/A	Malta has no rivers or lakes. Hence no data is gathered in relation to water quantity.
ME-1: Marine data			Data delivered on time and in the requested format. Data on station characteristics and pressures delivered. Data on nutrients and hazardous substances in seawater provided.
TE-2: Contaminated soil	N/A		Information for 2005 provided in CDR. Data available for two of the three requested categories: management and sources of contamination.

## Detailed data flow analysis for the Netherlands

Data flow name	Progress 2004	Progress 2005	Remark
AE-1: CLRTAP data			Data for 1990, 1995 and 2000–2004 delivered on time in CDR. Information on additional pollutants available.
AE-1b: NEC data			Time series for 2003–2004 delivered on time to CDR. Requested format used.
AE-2: UNFCCC data			Full time series on time in CDR. National inventory report available.
AE-2b: EU GHG data			Full time series posted on time to CDR. National inventory report provided.
AQ-1: Eol data			Data delivered with delay. Data on particulate matter available for 2004. More than 50 % active stations monitoring PM <sub>10</sub> .
AQ-2: Annual ozone data	N/A	N/A	Not applicable. No formal data flow for annual ozone exceedances in 2005. No information on AQ FWD questionnaire in CDR at 22 December 2005.
AQ-2b: Monthly and summer ozone data			All monthly reports provided in CDR; April slightly delayed. Summer report delivered on time. Requested metadata available.
CDDA-1: Designated areas			2005 data collection: no delivery by 28 September 2005.
EWN-1: River quality			Data delivered on time, but not in the requested format. Long time series available. Hazardous substances data provided. Response to data validation questions provided.
EWN-2: Lake quality			Data delivered on time, but not in the requested format. Long time series available. Some data on hazardous substances available. No response to data validation questions provided.
EWN-3: Groundwater quality			Data provided with a substantial delay (20 December 2005).
EWN-4: Water quantity	N/A		No data delivery under Eionet-Water data collection 2005.
ME-1: Marine data			Data on hazardous substances in biota, nutrients data and station characteristics available through ICES.
TE-2: Contaminated soil	N/A		Information for 2004 provided in CDR. Data available on the three requested categories: management, expenditure and sources of contamination.

## Detailed data flow analysis for Norway

Data flow name	Progress 2004	Progress 2005	Remark
AE-1: CLRTAP data			Time series from pre-1990 for all requested pollutants. Additional information also provided. Delivered on time in CDR. Inventory report provided.
AE-1b: NEC data	N/A	N/A	Data flow is relevant for EU MS only.
AE-2: UNFCCC data			No information in CDR by 21 May 2006.
AE-2b: EU GHG data	N/A	N/A	Data flow is relevant for EU MS only.
AQ-1: Eol data			Data delivered with delay. Data on particulate matter available for 2004. More than 50 % active stations monitoring PM <sub>10</sub> plus some monitoring of smaller particulates.
AQ-2: Annual ozone data	N/A		Annual data for 2004 provided in AQ FWD questionnaire. Eol station codes provided. Station type available in Airbase.
AQ-2b: Monthly and summer ozone data			All monthly reports provided in CDR. Summer report delivered on time. Requested metadata available.
CDDA-1: Designated areas			2005 data collection: Delivery on time: 2 405 (64 new) sites. 98 % have information on size, 85 % have valid IUCN category and 75 % have coordinates. A small number of sites have altitude information, There is no habitat information. Quality statement provided with revised delivery in July. Additional voluntary information on site boundaries provided.
EWN-1: River quality			Data delivered with delay (14 November 2005) and not delivered in the requested format. Only short time series available. No hazardous substances data provided.
EWN-2: Lake quality			Data delivered with delay (14 November 2005) and not delivered in the requested format. Only short time series available. No hazardous substances data provided. No response to data validation questions provided.
EWN-3: Groundwater quality			Data provided on time and in the requested format. General descriptions provided, but quality are incomplete. No data on pesticides and hazardous substances provided. No GIS or saltwater intrusion data provided.
EWN-4: Water quantity	N/A		Data delivered with delay (5 December 2005) and in the requested format.
ME-1: Marine data			Data on hazardous substances in biota, nutrients data and station characteristics available through ICES.
TE-2: Contaminated soil	N/A		Information for 2005 provided in CDR. Data delivered with delay available for all three requested categories.



## Detailed data flow analysis for Poland

Data flow name	Progress 2004	Progress 2005	Remark
AE-1: CLRTAP data			2004 data for pollutants in criteria delivered with delay in CDR. Information on additional pollutants provided. Inventory report provided.
AE-1b: NEC data	N/A		No information in CDR at 8 February 2006.
AE-2: UNFCCC data			National Inventory report for 2003 provided in CDR.
AE-2b: EU GHG data			No information available in CDR by 28 February 2006.
AQ-1: Eol data			Data delivered on time. Data on particulate matter available for 2004. More than 50 % active stations monitoring PM <sub>10</sub> plus some monitoring of smaller particulates.
AQ-2: Annual ozone data	N/A		Annual data for 2004 provided in AQ FWD questionnaire. Eol station codes provided. Station type provided.
AQ-2b: Monthly and summer ozone data			All monthly reports provided in CDR; April slightly delayed. Summer report delivered on time. Requested metadata available for 95 % of stations.
CDDA-1: Designated areas			2005 data collection: Delivery delayed (30 May) 1827 new sites reported.
EWN-1: River quality			Data delivered in time, but not in the requested format. Some long time series are available. No hazardous substances data provided.
EWN-2: Lake quality			Data delivered on time and in the requested format. Some long time series available. No data on hazardous substances available. No response to data validation questions provided.
EWN-3: Groundwater quality			Data provided on time and (partly) in the requested format. General descriptions and quality data (partly) provided. Data on pesticides and hazardous substances provided. No saltwater intrusion data provided. GIS data provided previously.
EWN-4: Water quantity	N/A		No data delivery under Eionet-Water data collection 2005.
ME-1: Marine data			Data delivered on time and in the requested format. Data provided on nutrients in seawater and hazardous substances in biota, seawater and sediments.
TE-2: Contaminated soil	N/A	N/A	Not applicable. No formal data flow on local soil contamination in 2005. No information in national data repository at 22 December 2005.

## Detailed data flow analysis for Portugal

Data flow name	Progress 2004	Progress 2005	Remark
AE-1: CLRTAP data			No information made available in CDR by 21 May 2006.
AE-1b: NEC data			No information in CDR at 8 February 2006.
AE-2: UNFCCC data			Full time series posted in March under EU folder but no indication of whether there has been a delivery to UNFCCC.
AE-2b: EU GHG data			Full time series provided. Delivery delayed. Available in CDR.
AQ-1: Eol data			Data delivered on time. Data on particulate matter available for 2004. More than 50 % active stations monitoring PM <sub>10</sub> plus some monitoring of smaller particulates.
AQ-2: Annual ozone data	N/A	N/A	Not applicable. No formal data flow for annual ozone exceedances in 2005. No information on AQ FWD questionnaire in CDR at 22 December 2005.
AQ-2b: Monthly and summer ozone data			All monthly reports provided in CDR; but only one on time. Summer report delivered with a slight delay. Requested metadata available for 85 % of stations.
CDDA-1: Designated areas			2005 data collection: no delivery by 28 September 2005.
EWN-1: River quality			No data delivery in 2005. No deliveries under earlier data collection.
EWN-2: Lake quality			No data delivery under Eionet-Water data collection 2005.
EWN-3: Groundwater quality			No data delivery under Eionet-Water data collection 2005.
EWN-4: Water quantity	N/A		No data delivery under Eionet-Water data collection 2005.
ME-1: Marine data			Data on hazardous substances in biota, nutrients data and station characteristics available through ICES.
TE-2: Contaminated soil	N/A	N/A	Not applicable. No formal data flow on local soil contamination in 2005. No information in national data repository at 22 December 2005.

## Detailed data flow analysis for Romania

Data flow name	Progress 2004	Progress 2005	Remark
AE-1: CLRTAP data			No information made available in CDR by 21 May 2006.
AE-1b: NEC data	N/A	N/A	Data flow is relevant for EU MS only.
AE-2: UNFCCC data			No information in CDR by 21 May 2006.
AE-2b: EU GHG data	N/A	N/A	Data flow is relevant for EU MS only.
AQ-1: EoI data			No information received by 22 December 2005.
AQ-2: Annual ozone data	N/A	N/A	Not applicable. No formal data flow for annual ozone exceedances in 2005. No information on AQ FWD questionnaire in CDR at 22 December 2005.
AQ-2b: Monthly and summer ozone data			Information made available on monthly exceedances but no reports to CDR. Summer report provided with delay.
CDDA-1: Designated areas			2005 data collection: Delivery on time. 980 (135 new) sites provided. 99 % of records have size. 97 % have IUCN categories and 87 % have coordinates. Almost 30 % of sites have information on altitude. No information on habitats. Additional voluntary information on site boundaries provided.
EWN-1: River quality			No data delivery under Eionet-Water data collection 2005.
EWN-2: Lake quality			No data delivery under Eionet-Water data collection 2005.
EWN-3: Groundwater quality			No data delivery under Eionet-Water data collection 2005.
EWN-4: Water quantity	N/A		No data delivery under Eionet-Water data collection 2005.
ME-1: Marine data			No data delivery in 2005.
TE-2: Contaminated soil	N/A	N/A	Not applicable. No formal data flow on local soil contamination in 2005. No information in national data repository at 22 December 2005.

## Detailed data flow analysis for Serbia and Montenegro

Data flow name	Progress 2004	Progress 2005	Remark
AE-1: CLRTAP data			2004 data for NO <sub>x</sub> and SO <sub>x</sub> made available with delay in CDR.
AE-1b: NEC data	N/A	N/A	Data flow is relevant for EU MS countries only.
AE-2: UNFCCC data			No information in CDR by 21 May 2006.
AE-2b: EU GHG data	N/A	N/A	Data flow is relevant for EU MS only.
AQ-1: Eol data			Data delivered on time. Data on particulate matter available for 2004. More than 50 % active stations monitoring PM <sub>10</sub> .
AQ-2: Annual ozone data	N/A	N/A	Not applicable. No formal data flow for annual ozone exceedances in 2005. No information on AQ FWD questionnaire in CDR at 22 December 2005.
AQ-2b: Monthly and summer ozone data			No delivery of monthly exceedance information or additional summer report on exceedances in 2005 by 22 December 2005.
CDDA-1: Designated areas			2005 data collection: no delivery by 28 September 2005.
EWN-1: River quality			Data delivered on time but not in the requested format. Only short time series delivered. No response to data validation questions provided. No hazardous substances data provided.
EWN-2: Lake quality			Data delivered on time and in the requested format. Only short time series available. No data on hazardous substances available. No response to data validation questions provided.
EWN-3: Groundwater quality			Data provided on time, but not in the requested format. General descriptions and quality data provided. No data on pesticides and hazardous substances or saltwater intrusion data provided. No GIS data provided.
EWN-4: Water quantity	N/A		Data delivered with delay (17 November 2005) and in the requested format.
ME-1: Marine data			No data delivery in 2005.
TE-2: Contaminated soil	N/A	N/A	Not applicable. No formal data flow on local soil contamination in 2005. No information in national data repository at 22 December 2005.

## Detailed data flow analysis for Slovakia

Data flow name	Progress 2004	Progress 2005	Remark
AE-1: CLRTAP data			Data for 1990, 1995 and 2000–2004 delivered on time in CDR. Information on additional pollutants available. Inventory report provided.
AE-1b: NEC data	N/A		Time series for 2003–2004 delivered on time to CDR. Requested format used. Inventory report provided.
AE-2: UNFCCC data			Data provided for 1990, 2000–2004 on time to UNFCCC. Link posted later in CDR.
AE-2b: EU GHG data			2004 data delivered on time in CDR. Short inventory report provided.
AQ-1: EoI data			Data delivered on time. Data on particulate matter available for 2004. More than 50 % active stations monitoring PM <sub>10</sub> plus some monitoring of smaller particulates.
AQ-2: Annual ozone data	N/A		Data delivered with delay. Annual data for 2004 provided in AQ FWD questionnaire. EoI station codes not provided.
AQ-2b: Monthly and summer ozone data			All monthly reports provided in CDR. Summer report delivered on time. Requested metadata provided.
CDDA-1: Designated areas			2005 data collection: 1 154 (4 new) sites. All have information on size; 96 % have information on IUCN category and geographical coordinates. No information provided for altitude or habitats. Additional voluntary information on site boundaries provided.
EWN-1: River quality			Data delivered on time and in the requested format. Long time series are available. All stations identified. Hazardous substances data provided. Response to data validation questions provided.
EWN-2: Lake quality	N/A	N/A	Country does not have any relevant lake.
EWN-3: Groundwater quality			Data provided on time and in the requested format. General descriptions and quality data provided. Data on pesticides and hazardous substances provided. Saltwater intrusion and GIS data provided previously.
EWN-4: Water quantity	N/A		Data delivered on time and in the requested format.
ME-1: Marine data	N/A	N/A	Country does not have a coastline.
TE-2: Contaminated soil	N/A		Information for 2004 provided in CDR. Data available on the three requested categories: management, expenditure and sources of contamination.



























## Detailed data flow analysis for Slovenia

Data flow name	Progress 2004	Progress 2005	Remark
AE-1: CLRTAP data			2000–2004 data delivered for requested pollutants on time in CDR. Information on additional pollutants also provided. Inventory report provided. Partial information pre 1990 for NO <sub>x</sub> , SO <sub>x</sub> and CO and from 1990 also for NH <sub>3</sub> and NMVOC.
AE-1b: NEC data			Time series for 2003–2004 delivered on time to CDR. Requested format used. Operational program report provided.
AE-2: UNFCCC data			Full time series delivered with slight delay to CDR.
AE-2b: EU GHG data			Full time series delivered on time to ETC ACC. Later posted to CDR. No inventory report provided.
AQ-1: EoI data			Data delivered on time. Data on particulate matter available for 2004. More than 50 % active stations monitoring PM <sub>10</sub> .
AQ-2: Annual ozone data			Data delivered with delay. Annual data for 2004 provided in AQ FWD questionnaire. EoI station codes provided. Station type provided.
AQ-2b: Monthly and summer ozone data			All monthly reports provided in CDR; April slightly delayed. Summer report delivered on time. Requested metadata available for 95 % of stations.
CDDA-1: Designated areas			2005 data collection: Delivery on time. 50 (4 new) sites. More than 90 % have information on size, valid IUCN categories and coordinate information. Information on altitude is now available for 70 % of sites. A start has been made on providing habitat information. A revised delivery in July provided further improvements especially for altitude information and a quality statement. Additional voluntary information on site boundaries provided.
EWN-1: River quality			Data delivered on time and in the requested format. Long time series are available. All stations identified. Hazardous substances data provided.
EWN-2: Lake quality			Data delivered on time, but not in the requested format. Some long time series available. All sites identified. No data on hazardous substances available. No response to data validation questions provided.
EWN-3: Groundwater quality			Data provided on time and in the requested format. General descriptions and quality data provided. Data on pesticides and hazardous substances provided. GIS data provided previously. No saltwater intrusion data provided.
EWN-4: Water quantity	N/A		Data delivered on time, but not in the requested format. Some long time series available. Response to data validation questions provided.
ME-1: Marine data			Data delivered on time, but not in the requested format. Only data on nutrients in seawater available.
TE-2: Contaminated soil	N/A	N/A	Not applicable. No formal data flow on local soil contamination in 2005. No information in national data repository at 22 December 2005.

## Detailed data flow analysis for Spain

Data flow name	Progress 2004	Progress 2005	Remark
AE-1: CLRTAP data			Full time series delivered in CDR with delay.
AE-1b: NEC data			Late delivery to CDR (20 June 2006).
AE-2: UNFCCC data			Full time series delivered on time to CDR.
AE-2b: EU GHG data			Late delivery of data in CDR on 11 April 2006.
AQ-1: Eol data			Data delivered with delay. Data on particulate matter available for 2004. More than 50 % active stations monitoring PM <sub>10</sub> .
AQ-2: Annual ozone data	N/A		Data delivered on time in CDR. Annual data for 2004 provided in AQ FWD questionnaire. Eol station codes provided. Station type provided.
AQ-2b: Monthly and summer ozone data			All monthly reports provided in CDR: two with delay. Summer report delivered on time. Requested metadata provided.
CDDA-1: Designated areas			2005 data collection: Delayed delivery to ETC. No information provided in CDR. Approximately 300 sites all with IUCN category, coordinates and altitude. 98 % have size information. No information on habitats.
EWN-1: River quality			Data delivered on time. Only short time series available. No response to data validation questions provided. No hazardous substances data provided.
EWN-2: Lake quality			No data delivery under Eionet-Water data collection 2005.
EWN-3: Groundwater quality			No data delivery under Eionet-Water data collection 2005.
EWN-4: Water quantity	N/A		Data delivered with a slight delay and in the requested format. Some long time series available. Response to data validation questions provided.
ME-1: Marine data			Data on hazardous substances in biota, nutrients data and station characteristics available through ICES.
TE-2: Contaminated soil	N/A		Information for 2004 provided in CDR. Data available on two of the requested categories for several regions: management and expenditure.

## Detailed data flow analysis for Sweden

Data flow name	Progress 2004	Progress 2005	Remark
AE-1: CLRTAP data			Full time series for requested pollutants. Additional information also provided. Delivered on time to CDR. Inventory report provided.
AE-1b: NEC data			Time series for 1988–2004 delivered on time. Requested format used and posted to CDR.
AE-2: UNFCCC data			Full time series on time in CDR. National inventory report provided.
AE-2b: EU GHG data			Delivery of full time series on time to ETC ACC. Later delivery including national inventory report posted in CDR.
AQ-1: Eol data			Data delivered on time. Data on particulate matter available for 2004. More than 50 % active stations monitoring PM <sub>10</sub> plus some monitoring of smaller particulates.
AQ-2: Annual ozone data			Data delivered on time in CDR. Annual data for 2004 provided in AQ FWD questionnaire. Eol station codes provided. Station type provided.
AQ-2b: Monthly and summer ozone data			All monthly reports provided in CDR. Summer report delivered on time. Requested metadata provided.
CDDA-1: Designated areas			2005 data collection: Delivery on time: 5 316 (207 new) sites. All have information on size More than 95 % have information on coordinates and altitude. 49 % have valid IUCN categories. No information on habitats. Quality statement provided with delivery. Additional voluntary information on site boundaries provided.
EWN-1: River quality			Data delivered on time and in the requested format. Long time series for NH <sub>4</sub> and P are available. Hazardous substances data provided. Response to data validation questions provided.
EWN-2: Lake quality			Data delivered on time and in the requested format. Some long time series available. About 75 % of lake sites identified. Data on hazardous substances available. Response to data validation questions provided.
EWN-3: Groundwater quality			Data provided on time and in the requested format. General descriptions and quality data available. GIS data provided previously. No data on pesticides and hazardous substances provided. No saltwater intrusion data provided.
EWN-4: Water quantity	N/A		Data delivered on time and in the requested format. Some long time series available.
ME-1: Marine data			Data delivered on time and in the requested format. Data provided on: riverine inputs, direct discharges, pressures, nutrients in seawater and hazardous substances in biota.
TE-2: Contaminated soil	N/A		Information for 2004 provided in CDR. Data available on the three requested categories: management, expenditure and sources of contamination.



## Detailed data flow analysis for Switzerland

Data flow name	Progress 2004	Progress 2005	Remark
AE-1: CLRTAP data			Data for 1990, 1995, 2000 and 2004 delivered with slight delay in CDR. Information on additional pollutants available.
AE-1b: NEC data	N/A	N/A	Data flow is relevant for EU MS countries only.
AE-2: UNFCCC data	N/A		Full time series provided on time to UNFCCC. Data posted later in CDR.
AE-2b: EU GHG data	N/A	N/A	Data flow is relevant for EU MS only.
AQ-1: Eol data			Data delivered on time. Data on particulate matter available for 2004. More than 50 % active stations monitoring PM <sub>10</sub> .
AQ-2: Annual ozone data		N/A	Not applicable. No formal data flow for annual ozone exceedances in 2005. No information on AQ FWD questionnaire in CDR at 22 December 2005.
AQ-2b: Monthly and summer ozone data			All monthly reports provided in CDR: four with delay. Summer report delivered on time. Requested metadata provided.
CDDA-1: Designated areas			2005 data collection: Delivery on time: 3 127 sites provided all with IUCN category, 97 % with size and 68 % with coordinates. Altitude information is available for less than 1 % and no habitat information has been provided.
EWN-1: River quality	N/A	N/A	Switzerland will deliver Eionet-Water data from 2006 onwards.
EWN-2: Lake quality	N/A	N/A	Switzerland will deliver Eionet-Water data from 2006 onwards.
EWN-3: Groundwater quality	N/A	N/A	Switzerland will deliver Eionet-Water data from 2006 onwards.
EWN-4: Water quantity	N/A	N/A	Switzerland will deliver Eionet-Water data from 2006 onwards.
ME-1: Marine data	N/A	N/A	Country does not have a coastline.
TE-2: Contaminated soil	N/A	N/A	Not applicable. No formal data flow on local soil contamination in 2005. No information in national data repository at 22 December 2005.

## Detailed data flow analysis for Turkey

Data flow name	Progress 2004	Progress 2005	Remark
AE-1: CLRTAP data	N/A		No information made available in CDR by 21 May 2006.
AE-1b: NEC data	N/A	N/A	Data flow is relevant for EU MS countries only.
AE-2: UNFCCC data	N/A		No information in CDR by 21 May 2006.
AE-2b: EU GHG data	N/A	N/A	Data flow is relevant for EU MS only.
AQ-1: EoI data	N/A		No information received by 22 December 2005.
AQ-2: Annual ozone data	N/A	N/A	Not applicable. No formal data flow for annual ozone exceedances in 2005. No information on AQ FWD questionnaire in CDR at 22 December 2005.
AQ-2b: Monthly and summer ozone data	N/A		All monthly reports provided in CDR. Summer report delivered with delay. Requested metadata provided.
CDDA-1: Designated areas	N/A		2005 data collection: Delivery on time: 2 717 (1 984 new) sites. 70 % of the sites have information on size. Almost 50 % have information on coordinates and IUCN categories. 74 % of sites have information on altitude.
EWN-1: River quality	N/A		No data delivery under Eionet-Water data collection 2005.
EWN-2: Lake quality	N/A		No data delivery under Eionet-Water data collection 2005.
EWN-3: Groundwater quality	N/A		No data delivery under Eionet-Water data collection 2005.
EWN-4: Water quantity	N/A		No data delivery under Eionet-Water data collection 2005.
ME-1: Marine data	N/A		Data delivered with substantial delay (24 April 2006).
TE-2: Contaminated soil	N/A	N/A	Not applicable. No formal data flow on local soil contamination in 2005. No information in national data repository at 22 December 2005.

## Detailed data flow analysis for the United Kingdom

Data flow name	Progress 2004	Progress 2005	Remark
AE-1: CLRTAP data			Full time series for requested pollutants. Additional information also provided. Delivered on time to CDR.
AE-1b: NEC data			Time series for 2001–2004. Requested format used and posted to CDR but delivery delayed.
AE-2: UNFCCC data			Full time series on time in CDR (posted under EU folder). National inventory report provided.
AE-2b: EU GHG data			Full time series delivered with delay in CDR. Short inventory report provided. Partial delivery (national totals only) delivered by deadline.
AQ-1: Eol data			Data delivered on time. Data on particulate matter available for 2004. More than 50 % active stations monitoring PM <sub>10</sub> plus some monitoring of smaller particulates.
AQ-2: Annual ozone data	N/A	N/A	Not applicable. No formal data flow for annual ozone exceedances in 2005. No information on AQ FWD questionnaire in CDR at 22 December 2005.
AQ-2b: Monthly and summer ozone data			All monthly reports provided in CDR. Summer report delivered on time. Requested metadata available for 95 % of stations.
CDDA-1: Designated areas			2005 data collection: Delivery delayed (31 May) Revised delivery made available in July. 8 689 (930 new) sites provided. 99 % with information on size, 95 % with valid IUCN categories and 94 % with coordinates. No information on habitats or altitude. Additional voluntary information on site boundaries provided.
EWN-1: River quality			Data delivered for England and Wales (timely delivery via email but delayed upload to CDR, 14 November 2005) and for Northern Ireland (on time). No data delivered for Scotland. Some long time series available. Some hazardous substances data available.
EWN-2: Lake quality			Data delivered for England and Wales (timely delivery via email but delayed upload to CDR, 14 November 2005) and for Northern Ireland (on time). No data delivered for Scotland. Some long time series available. Some hazardous substances data available.
EWN-3: Groundwater quality			Data for England, Wales, Scotland and Northern Ireland provided on time and in the requested format. General descriptions and selected quality data available. GIS data and data on hazardous substances and pesticides provided.
EWN-4: Water quantity	N/A		Data delivered with a slight delay and in the requested format. Long time series available. Response to data validation questions provided.
ME-1: Marine data			Data on hazardous substances in biota, nutrients data and station characteristics available through ICES.
TE-2: Contaminated soil	N/A	N/A	Not applicable. No formal data flow on local soil contamination in 2005. No information in national data repository at 22 December 2005.



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