

Eionet priority data flows

May 2007–April 2008

1830-7701



Cover design: EEA
Layout: EEA

Legal notice

The contents of this publication do not necessarily reflect the official opinions of the European Commission or other institutions of the European Communities. Neither the European Environment Agency nor any person or company acting on behalf of the Agency is responsible for the use that may be made of the information contained in this report.

All rights reserved

No part of this publication may be reproduced in any form or by any means electronic or mechanical, including photocopying, recording or by any information storage retrieval system, without the permission in writing from the copyright holder. For translation or reproduction rights please contact EEA (address information below).

Information about the European Union is available on the Internet. It can be accessed through the Europa server (www.europa.eu).

Luxembourg: Office for Official Publications of the European Communities, 2008

ISBN 978-92-9167-360-5
ISSN 1830-7701
DOI 10.2800/38196

© EEA, Copenhagen, 2008

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.



European Environment Agency
Kongens Nytorv 6
1050 Copenhagen K
Denmark

Tel.: +45 33 36 71 00
Fax: +45 33 36 71 99

Web: eea.europa.eu
Enquiries: eea.europa.eu/enquiries

Foreword by the Executive Director



Dear colleagues,

I would like to present the eleventh 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 nine priority areas for this report rather than the traditional twelve. EEA and national focal points agreed that three water data flows would be included for information only because of substantial changes in the reporting process. Information has therefore been provided for rivers, lakes and groundwater but not included in the assessment of progress. Information has also been provided for reporting to EEA on near real-time ozone.

All 32 member countries of the Agency and the six cooperating West Balkan countries now participate in the priority data flow exercise — 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 go to Austria for achieving 100 % again in 2007 and to Latvia, Slovakia and Sweden, all in second place. The overall trend is again encouraging and shows that measures to ensure quality are generally in place. Several countries have increased the resources for reporting and this is reflected in their improved results.

17 countries have scores of 80 % or above. Twenty four countries, well over half, scored more than 70 %. Eionet is well prepared to play a key role in the implementation of the Shared Environmental Information System (SEIS) as the current reporting systems are modernised towards a network of decentralised systems providing online access to data that are managed as close to the source as possible.

However, there are still five countries that failed to achieve a score of 50 % so the network cannot be complacent. 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 the past year. DG Environment is now a major client for 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

Figure 1 Overall performance of countries (May 2007–April 2008)

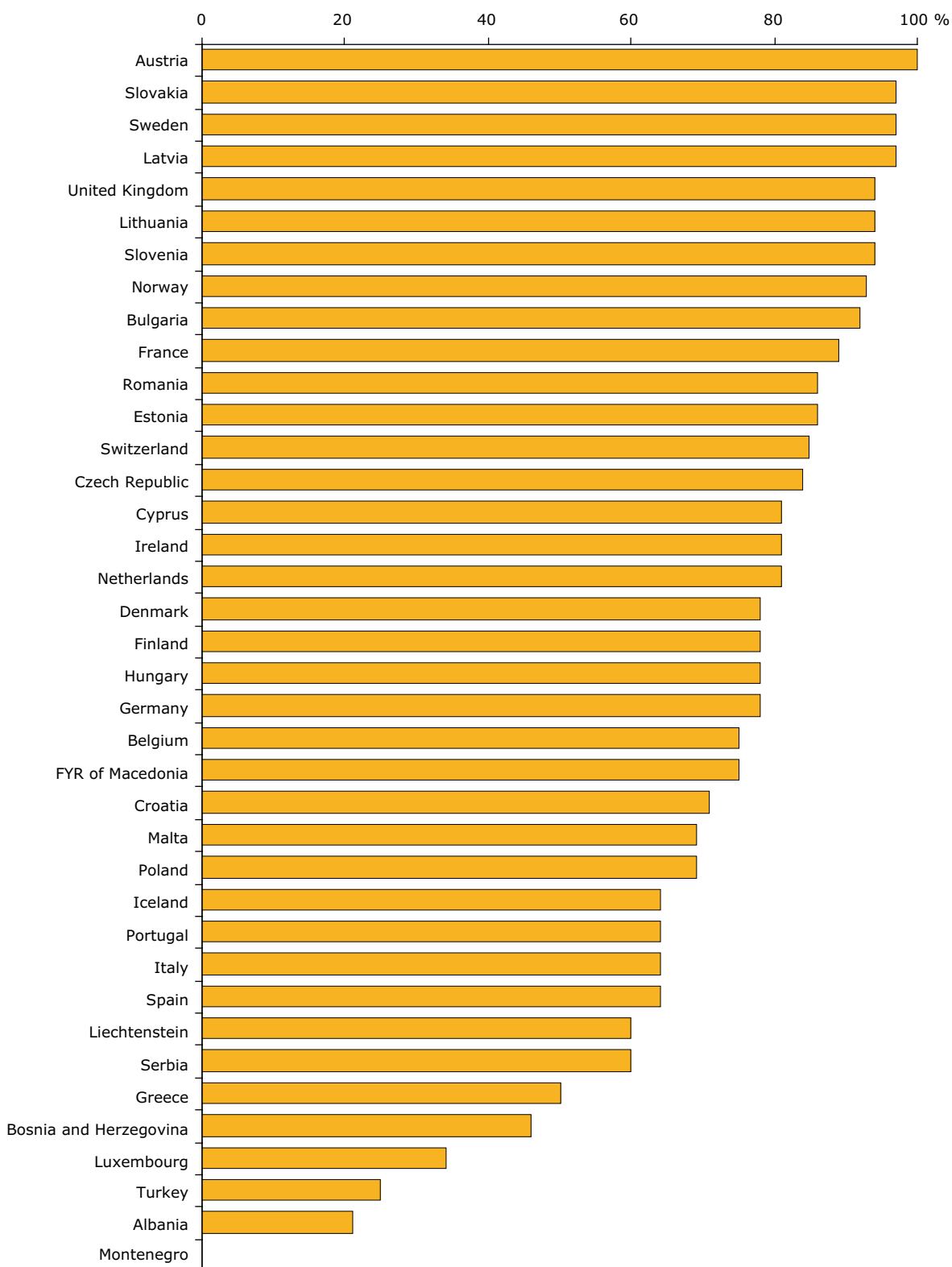


Table 1 Performance history

Country	Score 2000	Score 2001	Score 2002	Score 2003	Score 2004	Score 2005	Score 2006	Score 2007	Trend compared to last year
Albania	0 %	0 %	0 %	17 %	22 %	30 %	45 %	21 %	- 24 ↓
Austria	81 %	81 %	97 %	95 %	98 %	98 %	100 %	100 %	0 →
Belgium	31 %	50 %	53 %	58 %	59 %	66 %	69 %	75 %	+ 6 ↗
Bosnia and Herzegovina	18 %	39 %	29 %	34 %	22 %	22 %	53 %	46 %	- 7 ↘
Bulgaria	42 %	71 %	69 %	75 %	80 %	89 %	80 %	92 %	+ 12 ↗
Croatia	N/A	N/A	N/A	N/A	28 %	17 %	48 %	71 %	+ 23 ↑
Cyprus	N/A	N/A	N/A	N/A	N/A	25 %	63 %	81 %	+ 18 ↑
Czech Republic	38 %	75 %	72 %	68 %	63 %	65 %	68 %	84 %	+ 16 ↑
Denmark	81 %	86 %	83 %	85 %	82 %	69 %	63 %	78 %	+ 15 ↗
Estonia	54 %	81 %	72 %	80 %	81 %	81 %	90 %	86 %	- 4 →
Finland	61 %	72 %	68 %	79 %	85 %	75 %	73 %	78 %	+ 5 ↗
France	47 %	53 %	63 %	73 %	79 %	83 %	85 %	89 %	+ 4 →
FYR of Macedonia	29 %	42 %	54 %	50 %	50 %	69 %	78 %	75 %	- 3 →
Germany	69 %	64 %	83 %	81 %	67 %	75 %	92 %	78 %	- 14 ↘
Greece	50 %	50 %	60 %	52 %	44 %	54 %	50 %	50 %	0 →
Hungary	46 %	68 %	56 %	53 %	47 %	80 %	86 %	78 %	- 8 ↘
Iceland	28 %	14 %	36 %	30 %	14 %	56 %	30 %	64 %	+ 34 ↑
Ireland	67 %	61 %	68 %	71 %	65 %	73 %	73 %	81 %	+ 8 ↗
Italy	39 %	33 %	65 %	56 %	52 %	59 %	50 %	64 %	+ 14 ↗
Latvia	50 %	66 %	80 %	89 %	94 %	98 %	100 %	97 %	- 3 →
Liechtenstein	19 %	9 %	61 %	53 %	43 %	64 %	54 %	60 %	+ 6 ↗
Lithuania	36 %	50 %	47 %	73 %	73 %	83 %	94 %	94 %	0 →
Luxembourg	22 %	36 %	18 %	25 %	14 %	39 %	44 %	34 %	- 10 ↘
Malta	N/A	N/A	N/A	78 %	56 %	63 %	68 %	69 %	+ 1 →
Montenegro	N/A	N/A	N/A	N/A	17 %	36 %	56 %	0 %	- 56 ↓
Netherlands	58 %	67 %	70 %	69 %	64 %	77 %	79 %	81 %	+ 2 →
Norway	64 %	64 %	81 %	75 %	69 %	65 %	78 %	93 %	+ 15 ↗
Poland	36 %	53 %	72 %	65 %	50 %	58 %	77 %	69 %	- 8 ↘
Portugal	39 %	33 %	35 %	50 %	20 %	27 %	42 %	64 %	+ 22 ↑
Romania	21 %	21 %	47 %	38 %	31 %	11 %	75 %	86 %	+ 11 ↗
Serbia	N/A	N/A	N/A	N/A	17 %	36 %	56 %	60 %	+ 4 →
Slovakia	25 %	43 %	63 %	72 %	84 %	85 %	95 %	97 %	+ 2 →
Slovenia	50 %	66 %	78 %	88 %	92 %	75 %	96 %	94 %	- 2 →
Spain	58 %	33 %	55 %	38 %	41 %	52 %	56 %	64 %	+ 8 ↗
Sweden	47 %	89 %	90 %	90 %	94 %	94 %	96 %	97 %	+ 1 →
Switzerland	N/A	N/A	N/A	N/A	N/A	75 %	39 %	85 %	+ 46 ↑
Turkey	N/A	N/A	N/A	N/A	N/A	19 %	17 %	25 %	+ 8 ↗
United Kingdom	78 %	72 %	83 %	73 %	66 %	82 %	83 %	94 %	+ 11 ↗
Average (all countries)	45 %	53 %	62 %	64 %	57 %	62 %	69 %	73 %	+ 4 →



Overall approach for scoring

The evaluation of the overall country performance is based on simple scoring rules: for each data flow, the maximum score is 3 points and the minimum score is – 1 point (see the detailed evaluation criteria on pages 8–20 in this report). Scores from all 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 data flows.

A result of 0 % means that no data has been delivered at all. A result of 100 % means that complete data sets for all areas have been delivered on time.

N/A means not applicable. Some data flows are only relevant for the 27 Member States of the European Union. Furthermore, some countries such as Austria are not party to the relevant marine conventions.

Trend compared to the previous year

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 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 %.

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 2007–April 2008. The reporting cycle began on 15 May 2007 with the deadline for the designated areas data (CDDA data flow) and ended on 15 April 2008 with the delivery deadline for the UNFCCC data flow.

Data flow	Deadline
CDDA-1: Designated areas	15 May 2007
AQ-2: Air quality questionnaire	30 September 2007
AQ-2b: Monthly/summer ozone	31 October 2007
AQ-1: EoI data	1 October 2007
EWN-1: River quality	21 December 2007
EWN-2: Lake quality	21 December 2007
EWN-3: Groundwater quality	21 December 2007
ME-1: Marine data	21 December 2007
AE-1b: NEC data	31 December 2007
AE-2b: EU GHG data	15 January 2008
AE-1: LRTAP data	15 February 2008
AE-2: UNFCCC data	15 April 2008
NRT03: Near real-time ozone data	Not applicable

Schedule for the next data flow report

For the next data cycle (May 2008–April 2009), 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>.

The next data flow report will be presented in summer 2009. 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/>.

Reporting on Eionet priority data flows

Progress reporting on Eionet priority data flows has a history of almost ten years. Since March 1999, 11 evaluation reports on progress with Eionet's priority data flows have been prepared for the EEA Management Board.

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. Further extensions have increased the number of participating countries to 38: Malta (joining in 2004), Croatia, Serbia and Montenegro (joining in 2005) and Cyprus, Switzerland and Turkey (joining in 2006).

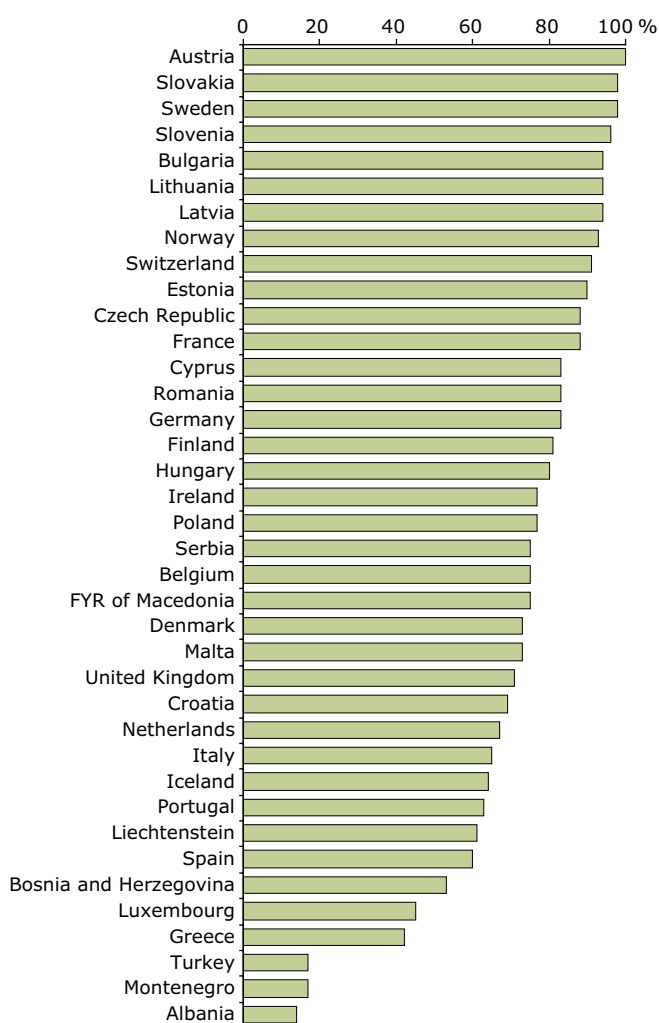
Water data flows 2007–2008

It has been agreed with countries that this year, the scores for water data flows (rivers, lakes and groundwater) would not be included in a country's final evaluation result. The reasons were substantial changes in the data collection process, due to the transition of Eionet-Water reporting into WISE-SoE reporting.

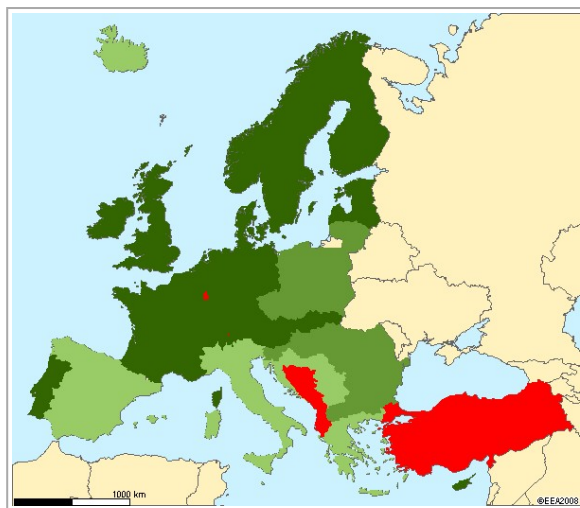
In the current data flow cycle, only the marine data flow is part of a country's final score, as the marine data reporting remained unchanged compared to previous years.

However, it is possible to compile alternative scores, with all water data flows included in the benchmarking. These alternative scores are presented in Figure 2, for information.

Figure 2 Alternative performance evaluation (with all water data flows included)



Overview for data flow AE1: LRTAP data



- 17 countries with a score of 3 points: Austria, Belgium, Cyprus, Denmark, Estonia, Finland, France, Germany, Ireland, Latvia, Netherlands, Norway, Portugal, Slovakia, Sweden, Switzerland, United Kingdom

- 8 countries with a score of 2 points: Bulgaria, Czech Republic, FYR of Macedonia, Hungary, Lithuania, Poland, Romania, Slovenia

- 7 countries with a score of 1 point: Croatia, Greece, Iceland, Italy, Malta, Serbia, Spain

- 6 countries did not deliver data: Albania, Bosnia and Herzegovina, Liechtenstein, Luxembourg, Montenegro, Turkey

Detailed criteria for scoring

Scoring criteria based on completeness of time series of requested pollutants (SO₂, NO_x, CO, NMVOC, NH₃) included in national submission under the UNECE Convention on Long-range Transboundary Air Pollution (LRTAP). 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 1990–2006) available for all requested pollutants SO₂, NO_x, CO, NMVOC, NH₃ by 15 February 2008.



Data available on time (by 15 February 2008).



Data delivered with delay (after 15 February 2008).



No delivery available.

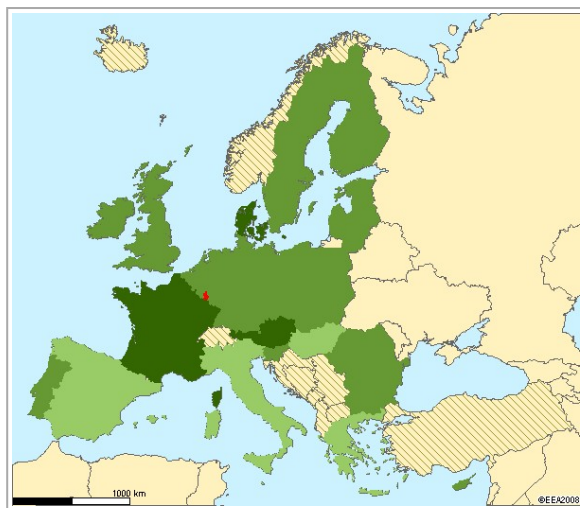
European datasets Air emissions data published through [EEA Data Service](#)

Related indicators [EEA core set of 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 AE1b: NEC data



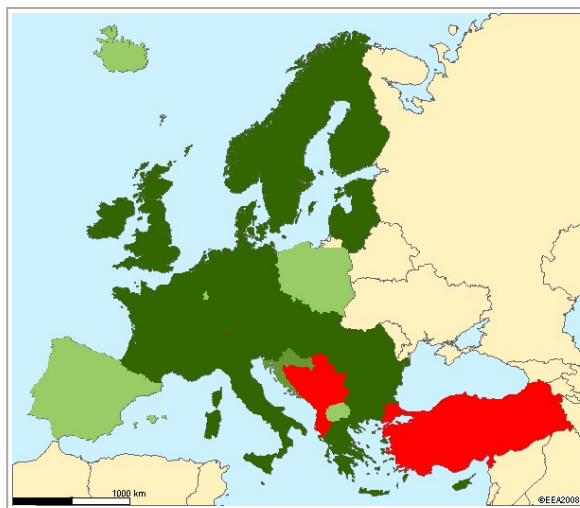
	3 countries with a score of 3 points: Austria, Denmark, France
	18 countries with a score of 2 points: Belgium, Bulgaria, Cyprus, Czech Republic, Estonia, Finland, Germany, Ireland, Latvia, Lithuania, Netherlands, Poland, Portugal, Romania, Slovakia, Slovenia, Sweden, United Kingdom
	5 countries with a score of 1 point: Greece, Hungary, Italy, Malta, Spain
	1 country did not deliver data: Luxembourg
	This data flow is not applicable (N/A) to 11 countries: Albania, Bosnia and Herzegovina, Croatia, FYR of Macedonia, Iceland, Liechtenstein, Montenegro, Norway, Serbia, Switzerland, Turkey

Detailed criteria for scoring

Scoring criteria based on timeliness of reporting on the emissions of SO₂, NO_x, NMVOC and NH₃ during 2005 and 2006 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 2007) and in the format specified.
	NEC data delivered in time (by 31 December 2007).
	NEC data delivered after 31 December 2007.
	No NEC data delivered.
European datasets	National Emission Ceilings (NEC) Directive Inventory
Related indicators	EEA core set of indicators : <ul style="list-style-type: none"> • CSI 001 Emissions of acidifying substances • CSI 002 Emissions of ozone precursors • CSI 003 Emissions of primary particles and secondary particulate precursors Other air indicators on EEA website.

Overview for data flow AE2: UNFCCC data



25 countries with a score of 3 points: Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Malta, Netherlands, Norway, Romania, Slovakia, Slovenia, Sweden, Switzerland, United Kingdom

1 country with a score of 2 points: Croatia

6 countries with a score of 1 point: FYR of Macedonia, Iceland, Luxembourg, Poland, Portugal, Spain

6 countries did not deliver data: Albania, Bosnia and Herzegovina, Liechtenstein, Montenegro, Serbia, 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 2006 for all pollutants requested by data flow project: CO₂, CH₄, N₂O, HFC, PFC and SF₆ made available by 15 April 2008.



Data available on time (by 15 April 2008).



Data delivered with delay (after 15 April 2008).



No delivery available.

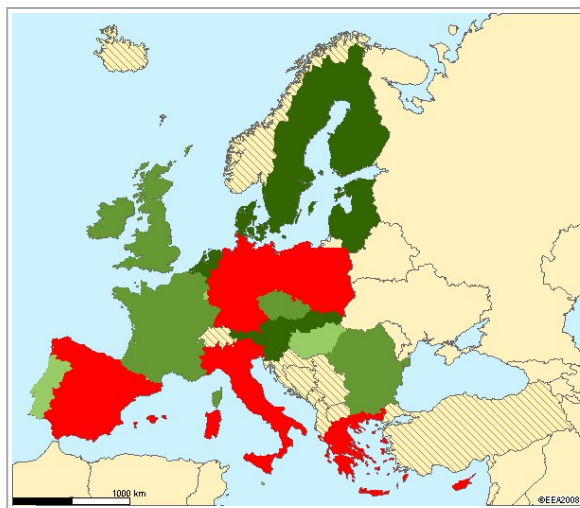
European datasets Greenhouse gas emissions data published through [EEA Data Service](#)

Related indicators [EEA core set of 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 AE2b: EU GHG data



-
- 10 countries with a score of 3 points: Austria, Denmark, Estonia, Finland, Latvia, Lithuania, Netherlands, Slovakia, Slovenia, Sweden

 - 7 countries with a score of 2 points: Belgium, Bulgaria, Czech Republic, France, Ireland, Romania, United Kingdom

 - 4 countries with a score of 1 point: Hungary, Luxembourg, Malta, Portugal

 - 6 countries did not meet the minimum criteria: Cyprus, Germany, Greece, Italy, Poland, Spain

 - This data flow is not applicable (N/A) to 11 countries: Albania, Bosnia and Herzegovina, Croatia, FYR of Macedonia, Iceland, Liechtenstein, Montenegro, Norway, Serbia, 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](#)).



Green House Gas Monitoring Mechanism (EU GHG MM) data delivered in time (by 15 January 2008) including all requested gases and in the format specified. Preliminary inventory report provided.



GHG data delivered in time (by 15 January 2008).



GHG data delivered after 15 January 2008.



No GHG data delivered or significantly delayed (after 31 January).

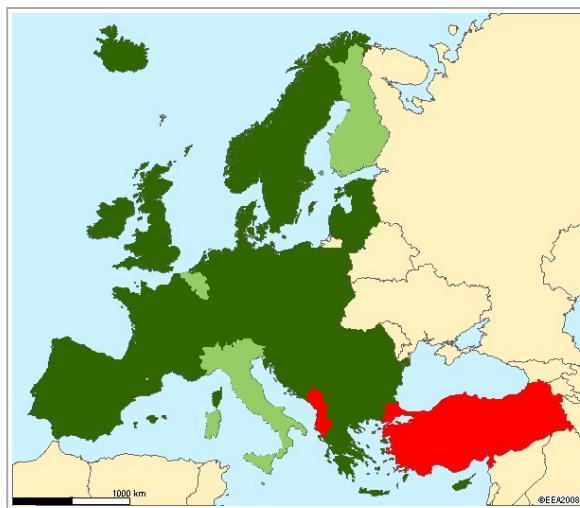
European datasets [National emissions reported to the UNFCCC and to the EU Greenhouse Gas Monitoring Mechanism](#)





Related indicators [EEA core set of 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 AQ1: EoI data



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

	2006 data delivered in time and includes particulate matter (Black Smoke, TSP, PM ₁₀ , PM _{2.5} , PM _{1.0}).
	2006 data delivered in time (not later than 14 October 2007).
	2006 data delivered after 14 October 2007.
	No 2006 data delivered.

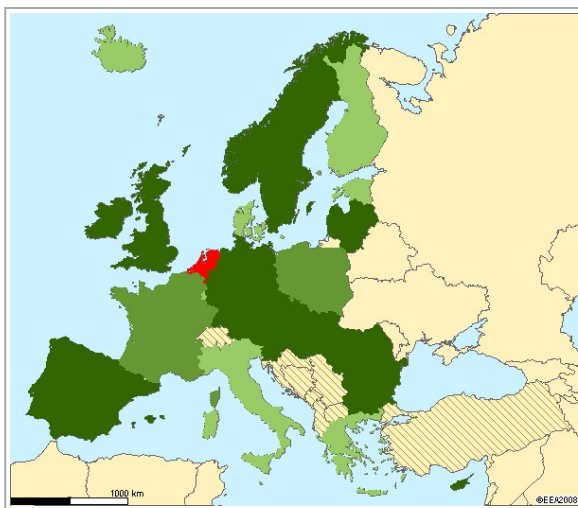
European datasets EoI data published through [Airbase](#)

Related indicators [EEA core set of 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 AQ2: Air quality questionnaire



- 17 countries with a score of 3 points: Austria, Bulgaria, Cyprus, Czech Republic, Germany, Hungary, Ireland, Latvia, Lithuania, Norway, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, United Kingdom

- 3 countries with a score of 2 points: Belgium, France, Poland

- 8 countries with a score of 1 point: Denmark, Estonia, Finland, Greece, Iceland, Italy, Luxembourg, Malta

- 1 country did not deliver data: Netherlands

- The following 9 countries did not actively participate in this data flow: Albania, Bosnia and Herzegovina, Croatia, FYR of Macedonia, Liechtenstein, Montenegro, Serbia, Switzerland, Turkey

Detailed criteria for scoring

Main changes in 2007: the evaluation has been widened from annual ozone exceedances to include information on exceedances or non-exceedances in zones and agglomerations for all pollutants required to be reported through the annual questionnaire (2004/461/EC) by the daughter directives of the Air Quality Framework Directive (1999/30/EC: sulphur dioxide, nitrogen dioxide and oxides of nitrogen, particulate matter and lead; 2000/69/EC: benzene and carbon monoxide; 2002/3/EC: ozone). Digital boundary information for the zones and agglomerations is also required to enable EEA to produce a European overview. Participation in the 2007 data flow is voluntary for countries which are not EU Member States.



Annual air quality in zones and agglomerations for 2006 for all required pollutants delivered in CDR using the questionnaire by 30 September 2007 and boundary information supplied for all reported zones and agglomerations and requested metadata provided for at least 95 % of reported stations.



Annual air quality in zones and agglomerations for 2006 for all required pollutants delivered in CDR using the questionnaire by 30 September 2007 and boundary information supplied for all reported zones and agglomerations.



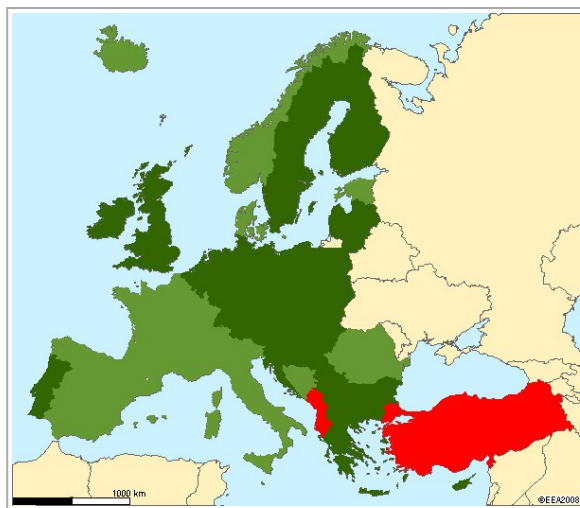
Information delivered but not meeting the criteria relating to timeliness, number of pollutants, boundary information or station metadata.



No information delivered.

Regular products [Annually published DG Environment list of zones in the EU Member States in relation to air quality thresholds](#)

Overview for data flow AQ2b: Monthly and summer ozone data



23 countries with a score of 3 points: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Finland, FYR of Macedonia, Germany, Greece, Hungary, Ireland, Latvia, Liechtenstein, Lithuania, Netherlands, Poland, Portugal, Serbia, Slovakia, Slovenia, Sweden, United Kingdom

12 countries with a score of 2 points: Bosnia and Herzegovina, Denmark, Estonia, France, Iceland, Italy, Luxembourg, Malta, Norway, Romania, Spain, Switzerland

No country in this category.

3 countries did not deliver data: Albania, Montenegro, Turkey

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 EoI station code is sufficient if the metadata has been reported previously under EoI ([Exchange of Information Decision 97/101/EC amended by Commission Decision 2001/752/EC](#)) and an agreed EoI code has been allocated.



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 2007 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 2007 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 2007 and metadata on station location and type not available for at least 95 % of reported stations.

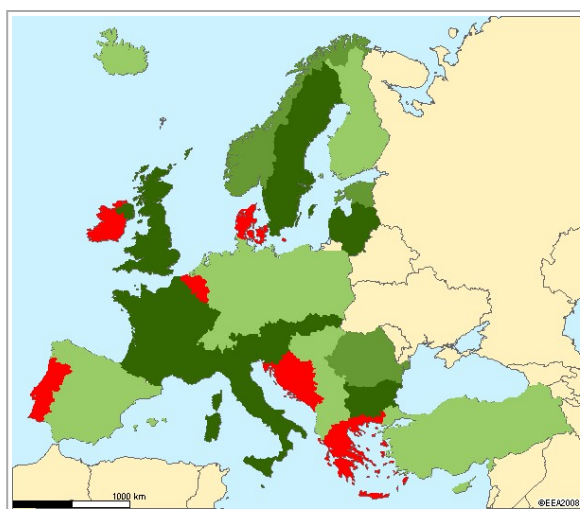


No 2007 data delivered.

European datasets [Ozone exceedances in summer 2007](#)

Regular products Annually published [EEA reports on summer ozone exceedances](#)

Overview for data flow CDDA1: Designated areas



- 12 countries with a score of 3 points: Austria, Bulgaria, France, Italy, Latvia, Liechtenstein, Lithuania, Malta, Slovakia, Slovenia, Sweden, United Kingdom

- 3 countries with a score of 2 points: Estonia, Norway, Romania

- 14 countries with a score of 1 point: Albania, Cyprus, Czech Republic, Finland, FYR of Macedonia, Germany, Hungary, Iceland, Netherlands, Poland, Serbia, Spain, Switzerland, Turkey

- 9 countries did not meet the minimum criteria: Belgium, Bosnia and Herzegovina, Croatia, Denmark, Greece, Ireland, Luxembourg, Montenegro, Portugal

Detailed criteria for scoring

Scoring criteria based on the quality of the data made available in the agreed [national data repository](#). Main changes: a major change of focus is the emphasis on the provision of digital boundaries. These boundaries will allow EEA to calculate main land cover categories for the designated areas using Corine Land Cover. National information on EUNIS habitat coverage and altitude will still be requested as part of the data collection however they will not be part of the criteria for evaluating EIONET progress. Information on the category of designations and the correct linking of site records to a designation will become part of the evaluation. This information has been part of the data request since 2000.



Designated areas made available by 15 May 2007.
At least 95 % of the nationally designated areas reported have the required attributes: centre co-ordinates, size of area, valid IUCN¹ category and valid designation category. In addition: correctly reported digital boundaries have been made available for at least 75 % of the reported nationally designated areas that have an area greater than 1 hectare (priority should be given to the largest sites).



Designated areas made available by 15 May 2007.
At least 66 % of the nationally designated areas reported have the required attributes: centre co-ordinates, size of area, valid IUCN¹ category and valid designation category. In addition: correctly reported digital boundaries have been made available for at least 50 % of the reported nationally designated areas that have an area greater than 1 hectare (priority should be given to the largest sites).



At least 30 % of the nationally designated areas reported have the required attributes: centre co-ordinates, size of area and valid IUCN category.



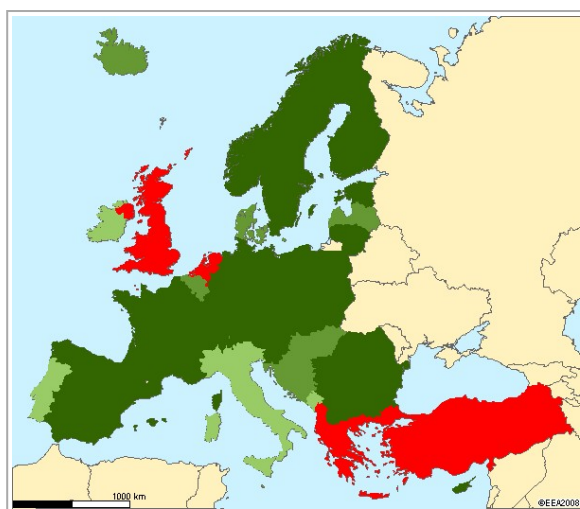
No data made available in the agreed repository or less than 30 % of the nationally designated areas reported have the required attributes.

European datasets [Nationally designated areas data](#) published through EEA data service.

Related indicators [EEA core set of indicators](#): CSI 008 Designated areas

¹ IUCN stands for International Union for the Conservation of Nature and Natural Resources. A guidance document on IUCN categories is available at: <http://www.iucn.org/themes/wcpa/pubs/pdfs/iucncategories.pdf>.

Overview for data flow EWN1: River quality



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

Detailed criteria for scoring

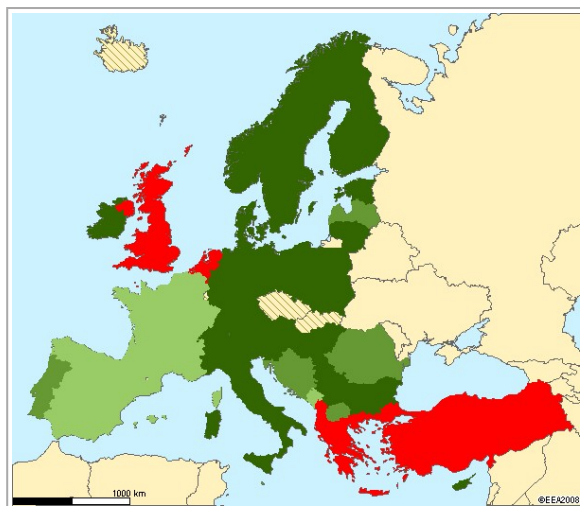
Scoring criteria are based on data deliveries for the current year and the provision of long time series of quality data for a variety of determinands. A further criterion is the identification of river stations according to the criteria in the [Technical Guidelines for Eurowaternet Implementation](#).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

	<p>Additionally:</p> <ol style="list-style-type: none"> 1. More than 75 % of sites identified and described, or 2. Delivery of hazardous substances data, or 3. Timely participation in step 1 of the data request (i.e. the station mapping between WFD and WISE-SoE).
	<ol style="list-style-type: none"> 1. Timely data delivery 2007 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.
	<p>Delayed data delivery under WISE-SoE data collection 2007 Or: timely delivery, but delivered data are not fulfilling basic quality criteria.</p>
	No data delivery under WISE-SoE data collection 2007.
European datasets	Waterbase data published through EEA data service
Related indicators	<p>EEA core set of indicators:</p> <ul style="list-style-type: none"> • CSI 019 Oxygen consuming substances in rivers • CSI 020 Nutrients in freshwater <p>Other water indicators on EEA website.</p>

Note:

Scores for this data flow are provided this time for information only. They are not included in the overall assessment of country performance.

Overview for data flow EWN2: Lake quality



- 17 countries with a score of 3 points: Austria, Bulgaria, Cyprus, Denmark, Estonia, Finland, Germany, Hungary, Ireland, Italy, Lithuania, Norway, Poland, Serbia, Slovenia, Sweden, Switzerland

- 7 countries with a score of 2 points: Bosnia and Herzegovina, Croatia, FYR of Macedonia, Latvia, Malta, Portugal, Romania

- 4 countries with a score of 1 point: Belgium, France, Montenegro, Spain

- 5 countries did not deliver data: Albania, Greece, Netherlands, Turkey, United Kingdom

- This data flow is not applicable (N/A) to 5 countries: Czech Republic, Iceland, Liechtenstein, Luxembourg, Slovakia

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:

1. More than 75 % of sites identified and described, or
2. Delivery of hazardous substances data, or
3. Timely participation in step 1 of the data request (i.e. the station mapping between WFD and WISE-SoE).



1. Timely data delivery 2007 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 WISE-SoE data collection 2007
Or: timely delivery, but delivered data are not fulfilling basic quality criteria.



No data delivery under WISE-SoE data collection 2007.

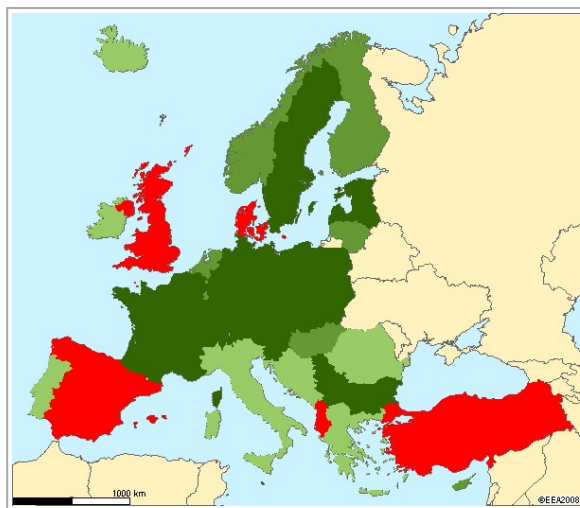
European datasets [Waterbase data](#) published through EEA data service

Related indicators [EEA core set of indicators](#): CSI 20 Nutrients in freshwater
Other [water indicators](#) on EEA website.

Note:

Scores for this data flow are provided this time for information only. They are not included in the overall assessment of country performance.

Overview for data flow EWN3: Groundwater quality



- 15 countries with a score of 3 points: Austria, Belgium, Bulgaria, Czech Republic, Estonia, France, Germany, Latvia, Malta, Poland, Serbia, Slovakia, Slovenia, Sweden, Switzerland

- 7 countries with a score of 2 points: Cyprus, Finland, Hungary, Lithuania, Luxembourg, Netherlands, Norway

- 11 countries with a score of 1 point: Bosnia and Herzegovina, Croatia, FYR of Macedonia, Greece, Iceland, Ireland, Italy, Liechtenstein, Montenegro, Portugal, Romania

- 5 countries did not deliver data: Albania, Denmark, Spain, Turkey, United Kingdom

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, or
4. Timely participation in step 1 of the data request (i.e. the station mapping between WFD and WISE-SoE).



1. Timely data delivery 2007 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 WISE-SoE data collection 2007.
Or: timely delivery, but delivered data are not fulfilling basic quality criteria.



No data delivery under WISE-SoE data collection 2007.

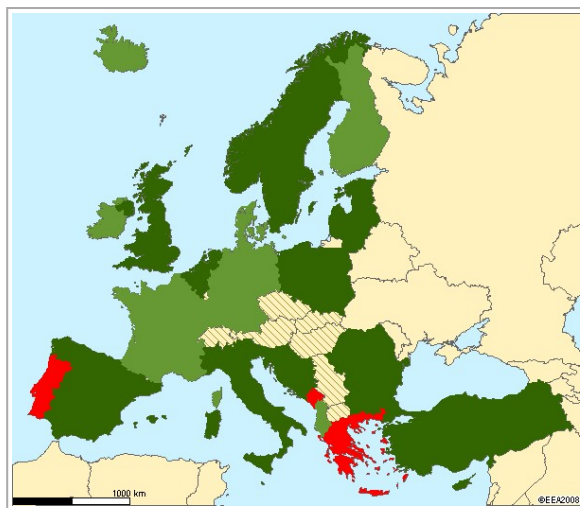
European datasets [Waterbase data](#) published through EEA data service

Related indicators [EEA core set of indicators](#): CSI 020 Nutrients in freshwater
Other [water indicators](#) on EEA website.

Note:

Scores for this data flow are provided this time for information only.
They are not included in the overall assessment of country performance.

Overview for data flow ME1: Marine data



- 19 countries with a score of 3 points: Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Estonia, Italy, Latvia, Lithuania, Malta, Netherlands, Norway, Poland, Romania, Slovenia, Spain, Sweden, Turkey, United Kingdom

- 7 countries with a score of 2 points: Albania, Denmark, Finland, France, Germany, Iceland, Ireland

- No country in this category.

- 3 countries did not deliver data: Greece, Montenegro, Portugal

- This data flow is not applicable (N/A) to 9 countries: Austria, Czech Republic, FYR of Macedonia, Hungary, Liechtenstein, Luxembourg, Serbia, 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 2007.



No data delivery under Eionet-Water or to Marine Conventions in 2007.

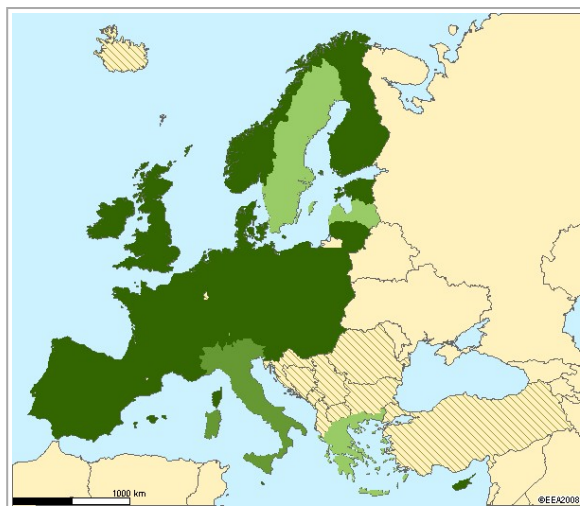
European datasets [Waterbase data](#) published through EEA data service

Related indicators [EEA core set of 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 NRT03: Near real-time ozone data



22 countries with a score of 3 points: Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Hungary, Ireland, Lithuania, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Switzerland, United Kingdom

1 country with a score of 2 points: Italy

4 countries with a score of 1 point: Greece, Latvia, Liechtenstein, Sweden

No country in this category.

Countries which did not participate in this data flow: Albania, Bosnia and Herzegovina, Bulgaria, Croatia, FYR of Macedonia, Iceland, Luxembourg, Montenegro, Romania, Serbia, Turkey

Detailed criteria for scoring

Scoring is based on provision of near real-time ozone data to EEA during the summer period (April – September 2007) according to data exchange guidelines. The criteria relate to participation in the near real-time data exchange, density of data provision and reliability. The below criteria are provisional. They will be adjusted according to the experiences made during the 2007 data exchange.



The overall reliability of the stations should be greater than 70 % in the ozone season.



The number of background ozone measurement stations signed up in a country provide an overall statistical data coverage of 1 per 200 km². In addition, the overall reliability of the stations should also be greater than 50 % in the ozone season.



At least one provider signed up from a country, data exchange set up and EEA records receipt of some data for background ozone measurement stations with EoI codes.






















Category not used in this data flow.

Regular products Near real-time ozone data are published on the [EEA web site](#)

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.

Table 2.1 Detailed data flow analysis for Albania

Data flow name	Progress 2006-2007	Progress 2007-2008	Remark
AE1: LRTAP data			No information made available in CDR by 30 April 2008.
AE1b: NEC data	N/A	N/A	Data flow is relevant for EU MS countries only.
AE2: UNFCCC data			No information in CDR by 5 May 2008.
AE2b: EU GHG data	N/A	N/A	Data flow is relevant for EU MS countries only.
AQ1: EoI data			No information received by 30 November 2007.
AQ2: Air quality questionnaire		N/A	Participation in the 2007 data flow is voluntary for countries which are not EU Member States.
AQ2b: Monthly and summer ozone data			No delivery of monthly exceedance information or additional summer report on exceedances in 2007 by 20 December.
CDDA1: Designated areas			Delivery on time: 804 sites provided (2 new). All have information on site designation and IUCN category, about 64 % have information on size and 31 % have information on coordinates. No useable data on boundaries provided so far.
EWN1: River quality ¹			No new data delivery under WISE SoE data collection 2007. Only a very late delivery of the Step 3 data.
EWN2: Lake quality ¹			No data delivery under WISE SoE data collection 2007.
EWN3: Groundwater quality ¹			No data delivery under Eionet-Water data collection 2007.
ME1: Marine data			Data made available through MEDPOL. Data provided on: Nutrients in Seawater.
NRTO3: Near real-time ozone data ¹	N/A	N/A	Country did not participate in this data flow.

¹ The scores are provided for information only.

Table 2.2 Detailed data flow analysis for Austria

Data flow name	Progress 2006-2007	Progress 2007-2008	Remark
AE1: LRTAP data			Delivery on time in CDR. Time series from pre-1990 available for pollutants in criteria. Short National Inventory Report provided.
AE1b: 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.
AE2: UNFCCC data			Full time series on time in CDR. National inventory report provided.
AE2b: EU GHG data			Full time series (1990-2006) delivered on time in CDR for all gases in the criteria. CRF XML format provided. Short inventory report also provided.
AQ1: EoI data			Data delivered on time. Data on particulate matter available for 2006. More than 50 % active stations monitoring PM ₁₀ plus some monitoring of smaller particulates.
AQ2: Air quality questionnaire			Questionnaire delivered on time in CDR. Forms 8 and 9 contain information on whether 2006 pollutant levels exceeded or did not exceed the values specified in the air quality legislation for the 19 zones and agglomerations listed in Form 2. EoI codes provided in Forms 3 and 4 for stations used in the assessment. Station type provided in Form 4. Information on GIS boundaries for all zones and agglomerations listed in Form 2 provided previously directly to ETC ACC.
AQ2b: Monthly and summer ozone data			All monthly reports provided on time to CDR. Summer report delivered on time. Requested metadata provided.
CDDA1: Designated areas			Delivery on time: 1097 sites reported. All sites have information on designation and IUCN category. More than 99 % of sites have coordinates and size. Boundaries have been provided for more than 90 % of sites.
EWN1: River quality ¹			Data delivered on time and in the requested format. Long time series available. Hazardous substances data delivered. Less than 75 % of requested stations identified. Step 1 data not delivered.
EWN2: Lake quality ¹			Data delivered on time and in the requested format. Long time series available. Hazardous substances data not delivered. 75 % of requested stations identified. Step 1 data delivered.
EWN3: Groundwater quality ¹			Data delivered on time and in the requested format. General descriptions provided in previous delivery. Quality data provided. Data on pesticides and hazardous substances provided. GIS data provided previously. Saltwater intrusion data provided previously. Step 1 data delivered.
ME1: Marine data	N/A	N/A	Country does not have a coastline.
NRTO3: Near real-time ozone data ¹	N/A		Satisfactory uptime during the ozone season.



















¹ The scores are provided for information only.

Table 2.3 Detailed data flow analysis for Belgium

Data flow name	Progress 2006-2007	Progress 2007-2008	Remark
AE1: LRTAP data			Full time series (1990-2006) for the pollutants in criteria delivered on time in CDR. Informative inventory report also available.
AE1b: NEC data			Full time series from 1990 for all pollutants provided on time in CDR. Requested format used for some years.
AE2: UNFCCC data			Full time series on time in CDR. National inventory report provided.
AE2b: EU GHG data			Full time series (1989-2006) delivered on time in CDR for all gases in the criteria. CRF XML format provided. Short inventory report not provided.
AQ1: EoI data			Data delivered with delay (29 November 2007).
AQ2: Air quality questionnaire			Questionnaire delivered on time in CDR. Forms 8 and 9 contain information on whether 2006 pollutant levels exceeded or did not exceed the values specified in the air quality legislation for the 17 zones and agglomerations listed in Form 2. EoI codes not provided in Forms 3 and 4 for stations used in the assessment. Station type provided in Form 4. Information on GIS boundaries for all zones and agglomerations provided as coordinates.
AQ2b: Monthly and summer ozone data			All monthly reports provided on time to CDR. Summer report delivered on time. Requested metadata provided.
CDDA1: Designated areas			Data delivered on time: 1611 sites provided (9 new) All sites have information on site designation and size. But only 25 % have IUCN category and coordinates. No boundary data delivered.
EWN1: River quality ¹			Data delivered with a substantial delay (the Flemish region 29 February 2008, the Walloon region 7 March 2008) and in the requested format. Long time series available. Hazardous substances data delivered (only for the Flemish region). Less than 75 % of requested stations identified. Step 1 data delivered.
EWN2: Lake quality ¹			Only data for the Flemish region reported. Delivery substantially delayed (29 February 2008) but in the requested format. Only short time series available. Hazardous substances data delivered. Less than 75 % of requested stations identified. Step 1 data delivered.
EWN3: Groundwater quality ¹			Data for Walloon region delivered with a slight delay (early January 2008), for Flemish region with substantial delay (3 March 2008) and in the requested format. General descriptions and quality data provided. Data on pesticides and hazardous substances provided only for Walloon region. GIS data and saltwater intrusion data provided previously. Step 1 data delivered.
ME1: Marine data			Data delivered on time and in the requested format. Data were also made available through ICES. Data provided on: Hazardous substances in biota, water and sediment, and Nutrients in seawater.
NRTO3: Near real-time ozone data ¹	N/A		Satisfactory uptime during the ozone season.

¹ The scores are provided for information only.

Table 2.4 Detailed data flow analysis for Bosnia and Herzegovina

Data flow name	Progress 2006-2007	Progress 2007-2008	Remark
AE1: LRTAP data			No information made available in CDR by 30 April 2008.
AE1b: NEC data	N/A	N/A	Data flow is relevant for EU MS countries only.
AE2: UNFCCC data			No information in CDR by 5 May 2008.
AE2b: EU GHG data	N/A	N/A	Data flow is relevant for EU MS countries only.
AQ1: EoI data			Data delivered on time. Data on particulate matter available for 2006. More than 50 % active stations monitoring PM ₁₀ plus some monitoring of smaller particulates.
AQ2: Air quality questionnaire	N/A	N/A	Participation in the 2007 data flow is voluntary for countries which are not EU Member States.
AQ2b: Monthly and summer ozone data			All monthly reports provided in CDR but 4 were delayed. Summer report delivered with delay (23 November). Requested metadata provided.
CDDA1: Designated areas			Data delivered with delay (2007/06/16). 156 sites reported (1 new) All sites have information on size and designation but only 2 % sites have an IUCN category and only 30 % have coordinates. Boundary data provided.
EWN1: River quality ¹			Data delivered on time and in slightly different format then requested. Only short time series available. Hazardous substances data delivered. Less than 75 % of requested stations identified. Step 1 of the data request not applicable.
EWN2: Lake quality ¹			Data delivered on time and in the requested format. Only short time series available. Some hazardous substances data delivered. Less than 75 % of requested stations identified. Step 1 of the data request not applicable.
EWN3: Groundwater quality ¹			Data delivered on time, but not in the requested format - data can not be processed.
ME1: Marine data			Data delivered on time and in the requested format. Data provided on: Flux stations, Riverine inputs, Nutrients in seawater, and station characteristics.
NRTO3: Near real-time ozone data ¹	N/A	N/A	Country did not participate in this data flow.




















¹ The scores are provided for information only.

Table 2.5 Detailed data flow analysis for Bulgaria

Data flow name	Progress 2006-2007	Progress 2007-2008	Remark
AE1: LRTAP data			Delivery on time in CDR. 2006 data available for pollutants in criteria. Informative Inventory Report provided.
AE1b: NEC data	N/A		2006 information for all pollutants provided on time in CDR. Requested format not used.
AE2: UNFCCC data			Full time series on time in CDR. National inventory report provided.
AE2b: EU GHG data			Full time series (1988-2006) delivered on time in CDR for all gases in the criteria. CRF XML format not provided. Short inventory report also provided by the deadline.
AQ1: EoI data			Data delivered on time. Data on particulate matter available for 2006. More than 50 % active stations monitoring PM ₁₀ plus some monitoring of smaller particulates.
AQ2: Air quality questionnaire	N/A		Questionnaire delivered on time in CDR. Forms 8 and 9 contain information on whether 2006 pollutant levels exceeded or did not exceed the values specified in the air quality legislation for the six zones and agglomerations listed in Form 2. EoI codes provided in Forms 3 and 4 for stations used in the assessment. Station type provided in Form 4. Information on GIS boundaries for all zones and agglomerations listed in Form 2 provided in CDR
AQ2b: Monthly and summer ozone data			All monthly reports provided on time in CDR. Summer report delivered on time. Requested metadata provided.
CDDA1: Designated areas			Delivery on time: 921 (10 new) sites. All sites have information on designation, size, coordinates and valid IUCN categories. Boundaries have been provided for 95 % of sites.
EWN1: River quality ¹			Data delivered on time and in slightly different format than requested. Long time series available. Hazardous substances data delivered. Less than 75 % of requested stations identified. Step 1 of the data request not applicable.
EWN2: Lake quality ¹			Data delivered on time and in the requested format. Long time series available. Hazardous substances data delivered. Less than 75 % of requested stations identified. Step 1 of the data request not applicable.
EWN3: Groundwater quality ¹			Data delivered on time and in the requested format. General descriptions provided. Quality data provided. Data on pesticides and hazardous substances provided. GIS data provided previously. Saltwater intrusion data provided. Step 1 of the data request not applicable.
ME1: Marine data			Data delivered on time and in the requested format. Data provided on: Flux stations, Riverine inputs, Nutrients in seawater, and Station characteristics.
NRTO3: Near real-time ozone data ¹	N/A	N/A	Country did not participate in this data flow.

¹ The scores are provided for information only.

Table 2.6 Detailed data flow analysis for Croatia

Data flow name	Progress 2006-2007	Progress 2007-2008	Remark
AE1: LRTAP data			Information on the requested pollutants made available for 2005.
AE1b: NEC data	N/A	N/A	Data flow is relevant for EU MS countries only.
AE2: UNFCCC data			Time series 1990 to 2005 delivered on time to CDR. National inventory report provided.
AE2b: EU GHG data	N/A	N/A	Data flow is relevant for EU MS countries only.
AQ1: EoI data			Data delivered on time. Data on particulate matter available for 2006. More than 50 % active stations monitoring PM ₁₀ .
AQ2: Air quality questionnaire		N/A	Participation in the 2007 data flow is voluntary for countries which are not EU Member States.
AQ2b: Monthly and summer ozone data			All monthly reports provided on time in CDR. Summer report delivered on time. Requested metadata provided.
CDDA1: Designated areas			Delivery on time: 18 sites reported. All sites have information on size and 50 % have information on IUCN category. No information on site designations or coordinates. Site boundaries provided. Reporting format not used.
EWN1: River quality ¹			Data delivered on time and in slightly different format than requested. Only short time series available. Hazardous substances data delivered. No reference or representative stations available. Step 1 of the data request not applicable.
EWN2: Lake quality ¹			Data delivered on time and very soon (31 October 2007). Data in in slightly different format than requested. Only short time series available. Hazardous substances data delivered. Less than 75 % of requested stations identified. Step 1 of the data request not applicable.
EWN3: Groundwater quality ¹			Data delivered on time, but not in the requested format - groundwater quality data were not provided, data can not be processed.
ME1: Marine data			Data delivered on time and in the requested format. Data provided on: Hazardous substances in biota and sediment, Nutrients in seawater, and Station characteristics.
NRTO3: Near real-time ozone data ¹	N/A	N/A	Country did not participate in this data flow.























¹ The scores are provided for information only.

Table 2.7 Detailed data flow analysis for Cyprus

Data flow name	Progress 2006-2007	Progress 2007-2008	Remark
AE1: LRTAP data			Full time series (1990-2006) for pollutants in criteria delivered on time in CDR. Informative inventory report available.
AE1b: NEC data			2005-2006 information for all pollutants provided on time in CDR. Requested format not used.
AE2: UNFCCC data			Full time series on time in CDR. National inventory report provided.
AE2b: EU GHG data			Full time series (1990-2006) delivered with delay in CDR (4 April 2008). CRF XML format provided. National inventory report provided.
AQ1: EoI data			Data delivered on time. Data on particulate matter available for 2006. 50 % active stations monitoring PM ₁₀ .
AQ2: Air quality questionnaire			Questionnaire delivered on time in CDR. Forms 8 and 9 contain information on whether 2006 pollutant levels exceeded or did not exceed the values specified in the air quality legislation for the agglomeration listed in Form 2. EoI codes provided in Forms 3 and 4 for stations used in the assessment. Station type provided in Form 4. Agglomeration listed in Form 2 covers whole national territory.
AQ2b: Monthly and summer ozone data			All monthly reports provided on time in CDR. Summer report delivered on time. Requested metadata provided.
CDDA1: Designated areas			Data delivery on time: 45 sites reported. Information provided on designation, size and coordinates for all sites. IUCN category and boundary data provided for about 48 % of the sites.
EWN1: River quality ¹			Data delivered on time and in the requested format. Only short time series available. Hazardous substances data delivered. Less than 75 % of requested stations identified. Step 1 data delivered.
EWN2: Lake quality ¹			Data delivered on time and in the requested format. Long but broken time series available. Hazardous substances data delivered. All requested stations identified. Step 1 data delivered.
EWN3: Groundwater quality ¹			Data delivered on time and in the requested format. General descriptions provided. Quality data provided only for two determinands (NO ₂ , NO ₃). No data on pesticides and hazardous substances provided. GIS data provided. Saltwater intrusion data provided. Step 1 data not delivered.
ME1: Marine data			Data delivered on time and in the requested format. Data provided on: Hazardous substances in biota, water and sediment, Nutrients in seawater, and Station characteristics.
NRTO3: Near real-time ozone data ¹	N/A		Satisfactory uptime during the ozone season.

¹ The scores are provided for information only.

Table 2.8 Detailed data flow analysis for the Czech Republic

Data flow name	Progress 2006-2007	Progress 2007-2008	Remark
AE1: LRTAP data			Delivery on time in CDR. 2006 data available for pollutants in criteria.
AE1b: NEC data			2005-2006 information for all pollutants provided on time in CDR. Requested format not used. Delivery access still limited.
AE2: UNFCCC data			Full time series on time in CDR. National inventory report provided.
AE2b: EU GHG data			Full time series (1990-2006) delivered on time in CDR for all gases in the criteria. CRF XML format not provided. Short inventory description also provided by the deadline.
AQ1: EoI data			Data delivered on time. Data on particulate matter available for 2006. 50 % active stations monitoring PM ₁₀ plus some monitoring of smaller particulates.
AQ2: Air quality questionnaire			Questionnaire delivered on time in CDR. Forms 8 and 9 contain information on whether 2006 pollutant levels exceeded or did not exceed the values specified in the air quality legislation for the 15 zones and agglomerations listed in Form 2. EoI codes provided in Forms 3 and 4 for stations used in the assessment. Station type provided in Form 4. Information on GIS boundaries for all zones and agglomerations listed in Form 2 provided in CDR in 2005.
AQ2b: Monthly and summer ozone data			All monthly reports provided on time in CDR. Summer report delivered on time. EoI codes or metadata provided for at least 95 % of stations.
CDDA1: Designated areas			Delivery delayed (2007/05/30). 2215 sites reported. All sites have designation, size and IUCN category and more than 99 % have coordinates. No boundary data provided yet.
EWN1: River quality ¹			Data delivered with a slight delay (7 January 2008) and in the requested format. Long time series available. Hazardous substances data delivered. More than 75 % of requested stations identified. Step 1 data not delivered.
EWN2: Lake quality ¹		N/A	Country does not have any relevant lake.
EWN3: Groundwater quality ¹			Data delivered with a slight delay (8 January 2008) and in the requested format. General descriptions provided in previous delivery. Quality data provided. Data on pesticides and hazardous substances provided. GIS data provided. No saltwater intrusion data provided. Step 1 data not delivered.
ME1: Marine data	N/A	N/A	Country does not have a coastline.
NRT03: Near real-time ozone data ¹	N/A		Satisfactory uptime during the ozone season.

¹ The scores are provided for information only.

Table 2.9 Detailed data flow analysis for Denmark

Data flow name	Progress 2006-2007	Progress 2007-2008	Remark
AE1: LRTAP data			Delivery on time in CDR. Time series from pre-1990 available for pollutants in criteria.
AE1b: NEC data			Full time series from 1980 for all pollutants provided on time in CDR. Requested format used but old version.
AE2: UNFCCC data			Full time series on time in CDR. National inventory report provided. Separate time series have been provided for the area of Denmark within the EU and for Denmark, Greenland and Faroe Islands.
AE2b: EU GHG data			Full time series (1990-2006) delivered on time in CDR for all gases in the criteria. CRF XML format provided. Brief inventory report also provided by the deadline.
AQ1: EoI data			Data delivered on time. Data on particulate matter available for 2006. 50 % active stations monitoring PM ₁₀ plus some monitoring of smaller particulates.
AQ2: Air quality questionnaire			Data delivered with delay (20 November 2007). Forms 8 and 9 contain information on whether 2006 pollutant levels exceeded or did not exceed the values specified in the air quality legislation for the 10 zones and agglomerations listed in Form 2. EoI codes provided in Forms 3 and 4 for stations used in the assessment. Station type provided in Form 4 but not coded. Information on GIS boundaries for all zones and agglomerations listed in Form 2 provided previously to ETC Air and Climate Change.
AQ2b: Monthly and summer ozone data			All monthly reports provided in CDR but 2 were delayed (06/2007, 07/2007). Summer report delivered with delay (19 November). Requested metadata provided.
CDDA1: Designated areas			No delivery in CDR at 23 August 2007. Envelope is empty.
EWN1: River quality ¹			Data delivered on time and in the requested format. Some long but broken time series available (P, NH ₄). Hazardous substances data not delivered. More than 75 % of requested stations identified. Step 1 data not delivered.
EWN2: Lake quality ¹			Data delivered with a slight delay (9 January 2008) and in the requested format. Long time series available. Hazardous substances data not delivered. Almost all requested stations identified. Step 1 data delivered.
EWN3: Groundwater quality ¹			No data delivery under Eionet-Water data collection 2007.
ME1: Marine data			Data made available through ICES. Data provided on: Hazardous substances in biota and nutrients in seawater.
NRTO3: Near real-time ozone data ¹	N/A		Satisfactory uptime during the ozone season.

¹ The scores are provided for information only.

Table 2.10 Detailed data flow analysis for Estonia

Data flow name	Progress 2006-2007	Progress 2007-2008	Remark
AE1: LRTAP data			Delivery on time in CDR. Full time series available for pollutants in criteria.
AE1b: NEC data			Full time series from 1990 for all pollutants delivered on time in CDR. Requested format not used.
AE2: UNFCCC data			Full time series on time in CDR. National inventory report provided.
AE2b: EU GHG data			Full time series (1990-2006) delivered on time in CDR for all gases in the criteria. CRF XML format provided. Draft inventory report also provided.
AQ1: EoI data			Data delivered on time. Data on particulate matter available for 2006. 50 % active stations monitoring PM ₁₀ .
AQ2: Air quality questionnaire			Questionnaire delivered on time in CDR. Forms 8 and 9 contain information on whether 2006 pollutant levels exceeded or did not exceed the values specified in the air quality legislation for the four zones and agglomerations listed in Form 2 with the exception of benzene. EoI codes provided in Forms 3 and 4 for stations used in the assessment. Station type provided in Form 4. Information on GIS boundaries for all zones and agglomerations listed in Form 2 provided as coordinates in Form 2.
AQ2b: Monthly and summer ozone data			All monthly reports provided on time in CDR. Summer report delivered with slight delay (1 November 2006). EoI codes provided.
CDDA1: Designated areas			Delivery on time: 14725 (1879 new) sites reported. All sites have information on designation and IUCN category. More than 99 % have size and 85 % of sites have coordinates. Site boundary data provided for about 95 % of sites.
EWN1: River quality ¹			Data delivered on time and in slightly different format then requested. Long time series available. Some hazardous substances data delivered. More than 75 % of requested stations identified. Step 1 data not delivered.
EWN2: Lake quality ¹			Data delivered on time and in slightly different format then requested. Long time series available. Some hazardous substances data delivered. Less than 75 % of requested stations identified. Step 1 data not delivered.
EWN3: Groundwater quality ¹			Data delivered on time and in the requested format. General descriptions provided. Quality data provided. No data on pesticides and hazardous substances provided. GIS data provided previously. Saltwater intrusion data provided previously. Step 1 data delivered.
ME1: Marine data			Data delivered on time and in the requested format. Data were also made available through ICES. Data provided on: Riverine inputs, Direct discharges, Hazardous substances in biota, and Nutrients in seawater.
NRTO3: Near real-time ozone data ¹	N/A		Satisfactory uptime during the ozone season.

¹ The scores are provided for information only.

Table 2.11 Detailed data flow analysis for the FYR of Macedonia

Data flow name	Progress 2006-2007	Progress 2007-2008	Remark
AE1: LRTAP data			Delivery on time in CDR. 2006 data available for pollutants in criteria.
AE1b: NEC data	N/A	N/A	Data flow is relevant for EU MS countries only.
AE2: UNFCCC data			Time series 1990-2002 delivered to CDR with a slight delay (21 April 2008). National inventory report provided.
AE2b: EU GHG data	N/A	N/A	Data flow is relevant for EU MS countries only.
AQ1: EoI data			Data delivered on time. Data on particulate matter available for 2006. 46 % active stations monitoring PM ₁₀ .
AQ2: Air quality questionnaire	N/A	N/A	Participation in the 2007 data flow is voluntary for countries which are not EU Member States.
AQ2b: Monthly and summer ozone data			All monthly reports provided on time in CDR. Summer report delivered on time. Requested metadata provided.
CDDA1: Designated areas			Delivered on time: 77 sites reported. All sites have designation and IUCN category information, 96 % have size and 75 % have coordinates. No boundary data delivered.
EWN1: River quality ¹			Data delivered on time and in the requested format. Long but broken time series available. Some hazardous substances data delivered. More than 75 % of requested stations identified. Step 1 of the data request not applicable.
EWN2: Lake quality ¹			Data delivered on time and in the requested format. Long but broken time series available. Hazardous substances data not delivered. Less than 75 % of requested stations identified. Step 1 of the data request not applicable.
EWN3: Groundwater quality ¹			Data delivered on time, but only station and groundwater body data provided.
ME1: Marine data	N/A	N/A	Country does not have a coastline.
NRTO3: Near real-time ozone data ¹	N/A	N/A	Country did not participate in this data flow.

¹ The scores are provided for information only.

Table 2.12 Detailed data flow analysis for Finland

Data flow name	Progress 2006-2007	Progress 2007-2008	Remark
AE1: LRTAP data			2006 data for the pollutants in the criteria delivered on time in CDR. Historical data from pre-1990 also provided. Informative inventory report provided.
AE1b: NEC data			2005-2006 information provided for all pollutants on time in CDR. Requested format not used.
AE2: UNFCCC data			Full time series on time in CDR. National inventory report provided.
AE2b: EU GHG data			Full time series (1990-2006) delivered on time in CDR for all gases in the criteria. CRF format provided. Draft inventory report also provide by the deadline.
AQ1: EoI data			Data delivered with delay (29 November 2007).
AQ2: Air quality questionnaire			Data delivered with delay (16 November 2007). Forms 8 and 9 contain information on whether 2006 pollutant levels exceeded or did not exceed the values specified in the air quality legislation for the 18 zones and agglomerations listed in Form 2. EoI codes provided in Forms 3 and 4 for stations used in the assessment. Station type provided in Form 4. Information on GIS boundaries for all zones and agglomerations listed in Form 2 provided as coordinates in Form 2.
AQ2b: Monthly and summer ozone data			All monthly reports provided on time in CDR. Summer report delivered on time. Requested metadata provided.
CDDA1: Designated areas			Data delivered on time: 6730 (686 new) sites reported. 100 % have designation, coordinates and size information. Boundary data provided for 90 % of sites. IUCN category information has been made available for all sites following an updated delivery (May 2008).
EWN1: River quality ¹			Data delivered on time and in the requested format. Long time series available. Hazardous substances data delivered. Less than 75 % of requested stations identified. Step 1 data delivered.
EWN2: Lake quality ¹			Data delivered on time and in the requested format. Long time series available. Hazardous substances data delivered. All requested stations identified. Step 1 data delivered.
EWN3: Groundwater quality ¹			Data delivered on time and in the requested format. General descriptions not provided. Quality data provided. No data on pesticides and hazardous substances provided. No saltwater intrusion data provided. Step 1 of the data request not applicable.
ME1: Marine data			Data made available through ICES. Data provided on: Hazardous substances in biota and nutrients in seawater.
NRT03: Near real-time ozone data ¹	N/A		Satisfactory uptime during the ozone season.

¹ The scores are provided for information only.

Table 2.13 Detailed data flow analysis for France

Data flow name	Progress 2006-2007	Progress 2007-2008	Remark
AE1: LRTAP data			Delivery on time in CDR. Time series from pre-1990 available for pollutants in criteria. National Inventory Report provided.
AE1b: NEC data			Full time series from 1980 for all pollutants delivered on time in CDR. Requested format used. Inventory report provided.
AE2: UNFCCC data			Full time series provided on time in CDR. National inventory report provided.
AE2b: EU GHG data			Full time series (1990-2006) delivered on time for all gases in the criteria. CRF XML format not provided. Brief inventory report not available by deadline.
AQ1: EoI data			Data delivered on time. Data on particulate matter available for 2006. 50 % active stations monitoring PM ₁₀ plus some monitoring of smaller particulates.
AQ2: Air quality questionnaire			Questionnaire delivered on time in CDR. Forms 8 and 9 contain information on whether 2006 pollutant levels exceeded or did not exceed the values specified in the air quality legislation for the 88 zones and agglomerations listed in Form 2. EoI codes provided in Forms 3 and 4 for approximately 85 % of stations used in the assessment. Station type provided in Form 4 but some use of non-standard codes. Information on GIS boundaries for zones and agglomerations provided in CDR.
AQ2b: Monthly and summer ozone data			All monthly reports provided on time in CDR. Summer report delivered on time. Requested metadata on latitude and longitude of stations provided for all stations but only 83 % of stations have either EoI code or information on type of station and type of area.
CDDA1: Designated areas			Delivery on time: 1756 (128 new) sites. All sites have designations and valid IUCN categories, 99 % have coordinates, 96 % have information on size. Boundaries provided for about 91 % of sites.
EWN1: River quality ¹			Data delivered on time and in the requested format. Long time series available. Some hazardous substances data delivered. More than 75 % of requested stations identified. Step 1 data delivered.
EWN2: Lake quality ¹			Only station data delivered under WISE SoE data collection 2007. Step 1 data delivered.
EWN3: Groundwater quality ¹			Data delivered on time and in the requested format. Quality data provided. Data on pesticides and hazardous substances provided. GIS data provided. General descriptions and saltwater intrusion data provided previously. Step 1 data delivered.
ME1: Marine data			Data delivered as part as a step 3 update that included data from 2006. Data provided on: Nutrients in seawater.
NRT03: Near real-time ozone data ¹	N/A		Satisfactory uptime during the ozone season.

¹ The scores are provided for information only.

Table 2.14 Detailed data flow analysis for Germany

Data flow name	Progress 2006-2007	Progress 2007-2008	Remark
AE1: LRTAP data			Delivery on time in CDR. Time series from 1990 available for pollutants in criteria.
AE1b: NEC data			Full time series for all pollutants from 1990 delivered on time in CDR. Requested reporting format not used.
AE2: UNFCCC data			Full time series provided on time in CDR. National inventory report provided.
AE2b: EU GHG data			Full time series (1990-2006) delivered with delay in CDR for all gases in the criteria (15 February 2008). CRF XML format provided. Inventory report provided later.
AQ1: EoI data			Data delivered on time. Data on particulate matter available for 2006. 50 % active stations monitoring PM ₁₀ plus some monitoring of smaller particulates.
AQ2: Air quality questionnaire			Questionnaire delivered on time in CDR. Forms 8 and 9 contain information on whether 2006 pollutant levels exceeded or did not exceed the values specified in the air quality legislation for the 120 zones and agglomerations listed in Form 2. EoI codes provided in Forms 3 and 4 for stations used in the assessment. Station type provided in Form 4. Information on GIS boundaries for zones and agglomerations listed in Form 2 provided previously directly to ETC ACC.
AQ2b: Monthly and summer ozone data			All monthly reports provided on time in CDR. The report for May was moved to the correct folder for this dataflow in July. Summer report delivered on time. Requested metadata delivered.
CDDA1: Designated areas			Delivery on time: 15418 (627 new) sites reported. All sites have a designation and a IUCN category and more than 99 % have size. 47 % have coordinate information. Boundary data provided for 93 % of sites.
EWN1: River quality ¹			Data delivered on time and in slightly different format then requested. Long time series available. Hazardous substances data delivered. Less than 75 % of requested stations identified. Step 1 data not delivered.
EWN2: Lake quality ¹			Data delivered on time and in the requested format. Long time series available. Hazardous substances data delivered. Less than 75 % of requested stations identified. Step 1 data not delivered.
EWN3: Groundwater quality ¹			Data delivered on time and in the requested format. General descriptions provided in previous delivery. Quality data provided. Data on pesticides and hazardous substances provided. GIS data provided previously. Saltwater intrusion data provided previously. Step 1 data not delivered.
ME1: Marine data			Data made available through ICES. Data provided on: Hazardous substances in sediment and nutrients in seawater.
NRTO3: Near real-time ozone data ¹	N/A		Satisfactory uptime during the ozone season.

¹ The scores are provided for information only.

Table 2.15 Detailed data flow analysis for Greece

Data flow name	Progress 2006-2007	Progress 2007-2008	Remark
AE1: LRTAP data			Delivery of 2006 data for requested pollutants with delay in CDR (21 April 2008).
AE1b: NEC data			Data delivered to CDR delay (21 April 2008).
AE2: UNFCCC data			Full time series delivered on time to CDR.
AE2b: EU GHG data			Full time series (1990-2006) delivered with delay in CDR (1 April 2008). CRF XML format provided. Inventory report not provided.
AQ1: EoI data			Data delivered on time. Data on particulate matter available for 2006. 50 % active stations monitoring PM ₁₀ .
AQ2: Air quality questionnaire			Questionnaire delivered on time in CDR. Forms 8 and 9 contain information on whether 2006 pollutant levels exceeded or did not exceed the values specified in the air quality legislation for the four zones and agglomerations listed in Form 2 with the exception of lead. EoI codes provided in Forms 3 and 4 for stations used in the assessment but with a different country code. Station type provided in Form 4. Information on GIS boundaries for all zones and agglomerations listed in Form 2 provided.
AQ2b: Monthly and summer ozone data			All monthly reports provided on time in CDR. Summer report delivered on time. Requested metadata provided but changes made to EoI code.
CDDA1: Designated areas			Delivery on time: 800 (632 new) sites reported. 100 % have a designation and more than 99 % have size and coordinates. However only 19 % have a valid IUCN category. Boundary data provided for 22 % of sites.
EWN1: River quality ¹			No data delivery under WISE SoE data collection 2007.
EWN2: Lake quality ¹			No data delivery under WISE SoE data collection 2007.
EWN3: Groundwater quality ¹			Data delivered very late (5 May 2008). Data were not processed and validated.
ME1: Marine data			No data delivery under EIONET data collection 2007.
NRTO3: Near real-time ozone data ¹	N/A		Insufficient station density - work in progress.




















¹ The scores are provided for information only.

Table 2.16 Detailed data flow analysis for Hungary

Data flow name	Progress 2006-2007	Progress 2007-2008	Remark
AE1: LRTAP data			Delivery on time in CDR. 2006 data available for pollutants in criteria.
AE1b: NEC data			2006 information for all pollutants provided on time in CDR. Data not provided in requested format.
AE2: UNFCCC data			Full time series delivered on time to CDR. National inventory report also provided.
AE2b: EU GHG data			Full time series (1985-2006) delivered with slight delay in CDR for all gases in the criteria (16 January 2008). CRF XML format provided. Draft inventory report also provided.
AQ1: EoI data			Data delivered on time. Data on particulate matter available for 2006. 50 % active stations monitoring PM ₁₀ plus some monitoring of smaller particulates.
AQ2: Air quality questionnaire			Questionnaire delivered on time in CDR. Forms 8 and 9 contain information on whether 2006 pollutant levels exceeded or did not exceed the values specified in the air quality legislation for the 11 zones and agglomerations listed in Form 2. EoI codes provided in Forms 3 and 4 for stations used in the assessment. Station type provided in Form 4. Information on GIS boundaries for all zones and agglomerations listed in Form 2 provided previously to ETC Air and Climate Change.
AQ2b: Monthly and summer ozone data			All monthly reports provided on time in CDR. Summer report delivered on time. EoI codes provided for all stations.
CDDA1: Designated areas			Delivery on time: 250 sites (8 new) reported. All records have designation and size. 79 % of sites have information on IUCN categories and 55 % have coordinates. No information on site boundaries provided in 2007.
EWN1: River quality ¹			Data delivered with a substantial delay (11 February 2008) and in the requested format. Long time series available. Some hazardous substances data delivered. More than 75 % of requested stations identified. Step 1 data not delivered.
EWN2: Lake quality ¹			Data delivered on time and in the requested format. Long time series available. Hazardous substances data delivered. Less than 75 % of requested stations identified. Step 1 data not delivered.
EWN3: Groundwater quality ¹			Data delivered with a substantial delay (11 February 2008) and in the requested format. General descriptions provided. Quality data provided. No data on pesticides and hazardous substances provided. GIS data provided previously. Saltwater intrusion data provided previously. Step 1 of the data request not applicable.
ME1: Marine data	N/A	N/A	Country does not have a coastline.
NRTO3: Near real-time ozone data ¹	N/A		Satisfactory uptime during the ozone season.

¹ The scores are provided for information only.

Table 2.17 Detailed data flow analysis for Iceland

Data flow name	Progress 2006-2007	Progress 2007-2008	Remark
AE1: LRTAP data			Information provided in CDR with delay (8 May 2008).
AE1b: NEC data	N/A	N/A	Data flow is relevant for EU MS countries only.
AE2: UNFCCC data			Full time series in CDR with a slight delay (30 April 2008).
AE2b: EU GHG data	N/A	N/A	Data flow is relevant for EU MS countries only.
AQ1: EoI data			Data delivered on time. Data on particulate matter available for 2006. 50 % active stations monitoring PM ₁₀ plus some monitoring of smaller particulates.
AQ2: Air quality questionnaire			Data delivered with delay (9 January 2008). Forms 8 and 9 contain information on whether 2006 pollutant levels exceeded or did not exceed the values specified in the air quality legislation for the two zones and agglomerations listed in Form 2 with the exception of lead. EoI codes provided in Forms 3 and 4 for stations used in the assessment. Station type provided in Form 4. Information on GIS boundaries for zones and agglomerations listed in Form 2 not available.
AQ2b: Monthly and summer ozone data			All monthly reports provided in CDR but only one on time. Summer report delivered with delay (20 November). EoI codes provided.
CDDA1: Designated areas			Data provided with delay, April 2008 for 98 sites and later uploaded to CDR. GIS information provided on size and boundaries for all sites. All sites have information on IUCN categories. Reporting format not used.
EWN1: River quality ¹			Data delivered on time and in the requested format. Long but broken time series available. Some hazardous substances data delivered. Less than 75 % of requested stations identified. Step 1 of the data request not applicable.
EWN2: Lake quality ¹		N/A	National monitoring program in preparation.
EWN3: Groundwater quality ¹			Data delivered on time and partly in the requested format. General descriptions not provided. Quality data provided but not consistent. No data on pesticides and hazardous substances provided. No GIS data provided. No saltwater intrusion data provided. Step 1 of the data request not applicable.
ME1: Marine data			Data delivered on time and in the requested format. Data provided on: Riverine inputs.
NRT03: Near real-time ozone data ¹	N/A	N/A	Country did not participate in this data flow.

























¹ The scores are provided for information only.

Table 2.18 Detailed data flow analysis for Ireland

Data flow name	Progress 2006-2007	Progress 2007-2008	Remark
AE1: LRTAP data			Delivery on time in CDR. Full time series provided for pollutants in the criteria.
AE1b: NEC data			Partial inventory delivered to CDR on time. Inventory redelivered 31 January 2008.
AE2: UNFCCC data			Full time series delivered on time to CDR. National inventory report also provided.
AE2b: EU GHG data			Full time series (1990-2006) delivered on time in CDR for all gases in the criteria. CRF XML format provided. Short inventory report not provided.
AQ1: EoI data			Data delivered on time. Data on particulate matter available for 2006. 50 % active stations monitoring PM ₁₀ .
AQ2: Air quality questionnaire			Questionnaire delivered on time in CDR. Forms 8 and 9 contain information on whether 2006 pollutant levels exceeded or did not exceed the values specified in the air quality legislation for the four zones and agglomerations listed in Form 2. EoI codes provided in Forms 3 and 4 for stations used in the assessment. Station type provided in Form 4. Information on GIS boundaries for all zones and agglomerations listed in Form 2 provided in CDR.
AQ2b: Monthly and summer ozone data			All monthly reports provided on time in CDR. Summer report delivered on time. Requested metadata provided.
CDDA1: Designated areas			No delivery in CDR at 23 August 2007.
EWN1: River quality ¹			Data delivered with a delay (21 January 2008) and in the requested format. Only broken short time series available. Hazardous substances data not delivered. More than 75 % of requested stations identified. Step 1 data not delivered.
EWN2: Lake quality ¹			Data delivered on time and in the requested format. Long time series available. Hazardous substances data not delivered. More than 75 % of requested stations identified. Step 1 data not delivered.
EWN3: Groundwater quality ¹			Data delivered very late (5 May 2008). Data were not processed and validated.
ME1: Marine data			Data made available through ICES. Data provided on: Hazardous substances in biota.
NRTO3: Near real-time ozone data ¹	N/A		Just passed 70 % data provision.

¹ The scores are provided for information only.

Table 2.19 Detailed data flow analysis for Italy

Data flow name	Progress 2006-2007	Progress 2007-2008	Remark
AE1: LRTAP data			Delivery of full time series data for requested pollutants with delay in national repository (25 April 2008).
AE1b: NEC data			2005-2006 information posted on national server with delay (21 January 2008).
AE2: UNFCCC data			Full time series delivered on time in national repository. National inventory report available.
AE2b: EU GHG data			Full time series (1990-2006) delivered with delay in national repository (17 March 2008). CRF XML format provided. Inventory report provided later.
AQ1: EoI data			Data delivered with delay in national repository (26 October 2007).
AQ2: Air quality questionnaire	N/A		Delayed partial delivery available in national repository (24 October 2007). Data has not been aggregated into a national delivery. No information for the following regions: Basilicata, Campania, Molise, Puglia and Sicilia.
AQ2b: Monthly and summer ozone data			Monthly reports available in national repository, but all provided with delay. Summer ozone report provided with slight delay (2 November). Requested metadata on station types and coordinates provided.
CDDA1: Designated areas			Delivery on time: 772 sites and 100 % have required information. Boundary data provided for all sites.
EWN1: River quality ¹			Only Step 1 data delivered under WISE SoE data collection 2007.
EWN2: Lake quality ¹			Data delivered on time and in slightly different format then requested. Only short time series available. Hazardous substances data delivered. All requested stations identified. Step 1 data delivered.
EWN3: Groundwater quality ¹			Data delivered with a substantial delay (13 March 2008) and only partially in the requested format. General descriptions not provided. Quality data provided but without reference to the groundwater bodies. No data on pesticides and hazardous substances provided. No GIS data provided. Saltwater intrusion data provided previously. Step 1 data not delivered.
ME1: Marine data			Data delivered on time and in the requested format. Data provided on: Hazardous substances in biota and sediment, and Nutrients in seawater.
NRTO3: Near real-time ozone data ¹	N/A		67 % uptime during the ozone season.
















¹ The scores are provided for information only.

Table 2.20 Detailed data flow analysis for Latvia

Data flow name	Progress 2006-2007	Progress 2007-2008	Remark
AE1: LRTAP data			Delivery on time in CDR for full time series of pollutants in the criteria. Informative inventory report and new gridded emissions data also provided.
AE1b: NEC data			Full time series from 1990 for all pollutants delivered to CDR on time. Requested format not used.
AE2: UNFCCC data			Full time series on time in CDR. National inventory report available.
AE2b: EU GHG data			Full time series (1990-2006) delivered on time in CDR for all gases except for PFCs. CRF XML format provided. Draft inventory report also provide by the deadline.
AQ1: EoI data			Data delivered on time. Data on particulate matter available for 2006.
AQ2: Air quality questionnaire			Questionnaire delivered on time in CDR. Forms 8 and 9 contain information on whether 2006 pollutant levels exceeded or did not exceed the values specified in the air quality legislation for the two zones and agglomerations listed in Form 2. EoI codes provided in Forms 3 and 4 for stations used in the assessment. Station type provided in Form 4. Information on GIS boundaries for all zones and agglomerations listed in Form 2 provided as coordinates in Form 2.
AQ2b: Monthly and summer ozone data			All monthly reports provided on time in CDR. Summer report delivered on time. Requested metadata provided.
CDDA1: Designated areas			Delivery on time: 711 (9 new) sites. 100 % with information on designations, coordinates and valid IUCN categories. 95 % with information on size. Boundary data provided for 99 % of sites.
EWN1: River quality ¹			Data delivered with a substantial delay (5 March 2008) and in the requested format. Long time series available. Hazardous substances data delivered. All requested stations identified. Step 1 data delivered.
EWN2: Lake quality ¹			Data delivered with a substantial delay (27 February 2008) and in the requested format. Long time series available. Hazardous substances data delivered. Less than 75 % of requested stations identified. Step 1 data delivered.
EWN3: Groundwater quality ¹			Data delivered on time and in the requested format. General descriptions provided. Quality data provided. Data on pesticides and hazardous substances provided. GIS data provided previously. Saltwater intrusion data provided previously. Step 1 of the data request not applicable.
ME1: Marine data			Data delivered on time and in the requested format. Data were also made available through ICES. Data provided on: Flux stations, Riverine inputs, Direct discharges, Nutrients in seawater, and Station characteristics.
NRTO3: Near real-time ozone data ¹	N/A		Satisfactory uptime during the ozone season.

¹ The scores are provided for information only.

Table 2.21 Detailed data flow analysis for Liechtenstein

Data flow name	Progress 2006-2007	Progress 2007-2008	Remark
AE1: LRTAP data			No information made available in CDR by 30 April 2008.
AE1b: NEC data	N/A	N/A	Data flow is relevant for EU MS countries only.
AE2: UNFCCC data			No information in CDR by 5 May 2008.
AE2b: EU GHG data	N/A	N/A	Data flow is relevant for EU MS countries only.
AQ1: EoI data			Data delivered on time. Data on particulate matter available for 2006. Active station monitoring PM ₁₀ .
AQ2: Air quality questionnaire	N/A	N/A	Participation in the 2007 data flow is voluntary for countries which are not EU Member States.
AQ2b: Monthly and summer ozone data			All monthly reports provided on time in CDR. Summer report delivered on time. Requested metadata provided.
CDDA1: Designated areas			Delivery on time: 40 sites. 100 % have required information. Boundary data provided for all sites.
EWN1: River quality ¹			Data delivered on time and in slightly different format than requested. Only short time series available. Some hazardous substances data delivered. Only data about the largest station are available. Step 1 of the data request not applicable.
EWN2: Lake quality ¹	N/A	N/A	Country does not have any relevant lake.
EWN3: Groundwater quality ¹			Data delivered on time and in the requested format. General descriptions not provided. Quality data not provided. No data on pesticides and hazardous substances provided. GIS data provided. No saltwater intrusion data provided. Step 1 of the data request not applicable.
ME1: Marine data	N/A	N/A	Country does not have a coastline.
NRTO3: Near real-time ozone data ¹	N/A		Country signed up in late 2007.




























¹ The scores are provided for information only.

Table 2.22 Detailed data flow analysis for Lithuania

Data flow name	Progress 2006-2007	Progress 2007-2008	Remark
AE1: LRTAP data			Information for 2006 for pollutants in criteria delivered on time in CDR. Informative inventory report also available.
AE1b: NEC data			2004-2006 information for all pollutants delivered to CDR on time. Requested format not used.
AE2: UNFCCC data			Full time series on time in CDR. National inventory report available.
AE2b: EU GHG data			Full time series (1990-2006) delivered on time in CDR for all gases except for PFCs. CRF XML format provided. Draft inventory report also provide by the deadline.
AQ1: EoI data			Data delivered on time. Data on particulate matter available for 2006. More than 50 % active stations monitoring PM ₁₀ .
AQ2: Air quality questionnaire			Questionnaire delivered on time in CDR. Forms 8 and 9 contain information on whether 2006 pollutant levels exceeded or did not exceed the values specified in the air quality legislation for the three zones and agglomerations listed in Form 2. EoI codes provided in Forms 3 and 4 for stations used in the assessment. Station type provided in Form 4. Information on GIS boundaries for all zones and agglomerations listed in Form 2 provided as coordinates in Form 2.
AQ2b: Monthly and summer ozone data			All monthly reports provided on time in CDR. Summer report delivered on time. Requested metadata provided.
CDDA1: Designated areas			Delivery on time: 331 sites all with designations, valid IUCN categories, information on size and coordinates. Boundary data provided for 94 % sites.
EWN1: River quality ¹			Data delivered on time and in the requested format. Long time series available. Hazardous substances data delivered. More than 75 % of requested stations identified. Step 1 data delivered.
EWN2: Lake quality ¹			Data delivered on time and in the requested format. Long time series available. Hazardous substances data not delivered. Less than 75 % of requested stations identified. Step 1 data delivered.
EWN3: Groundwater quality ¹			Data delivered on time and in the requested format. General descriptions provided in previous delivery. Quality data provided. No data on pesticides and hazardous substances provided. GIS data provided previously. No saltwater intrusion data provided. Step 1 data not delivered.
ME1: Marine data			Data delivered on time and in the requested format. Data provided on: Hazardous substances in biota, water and sediment, Nutrients in seawater, and Station characteristics.
NRTO3: Near real-time ozone data ¹	N/A		Satisfactory uptime during the ozone season.

¹ The scores are provided for information only.

Table 2.23 Detailed data flow analysis for Luxembourg

Data flow name	Progress 2006-2007	Progress 2007-2008	Remark
AE1: LRTAP data			No information made available in CDR by 30 March 2008.
AE1b: NEC data			Delivery promised for end February 2008.
AE2: UNFCCC data	 		Full time series in CDR with a slight delay (23 April 2008).
AE2b: EU GHG data			Full time series (1990-2006) delivered with delay in CDR for all gases except PFCs (21 January 2008). CRF XML format provided. Short inventory report not provided.
AQ1: EoI data			Data delivered with delay (21 March 2008).
AQ2: Air quality questionnaire	N/A		Questionnaire delivered to CDR with delay (18 March 2008). Information for 2004 and 2005 has also been provided.
AQ2b: Monthly and summer ozone data		 	All monthly reports provided in CDR: one with delay (07/2007). Summer report delivered on time. Requested metadata provided.
CDDA1: Designated areas			No delivery in CDR at 23 August 2007.
EWN1: River quality ¹	  	  	Data delivered on time and in the requested format. Long but broken time series available (year 2003 data are missing). Hazardous substances data delivered. More than 75 % of requested stations identified. Step 1 data not delivered.
EWN2: Lake quality ¹	N/A	N/A	Country does not have any relevant lake.
EWN3: Groundwater quality ¹	 	 	Data delivered on time and in the requested format. General descriptions provided. Quality data provided. No data on pesticides and hazardous substances provided. GIS data provided. No saltwater intrusion data provided. Step 1 data not delivered.
ME1: Marine data	N/A	N/A	Country does not have a coastline.
NRTO3: Near real-time ozone data ¹	N/A	N/A	Country did not participate in this data flow.



















¹ The scores are provided for information only.

Table 2.24 Detailed data flow analysis for Malta

Data flow name	Progress 2006-2007	Progress 2007-2008	Remark
AE1: LRTAP data			Delivery with slight delay in CDR (29 February 2008). 2000-2006 data available for the pollutants in the criteria.
AE1b: NEC data			2000-2006 information for all pollutants delivered to CDR with delay (23 January 2008). Requested format not used.
AE2: UNFCCC data			Full time series on time in CDR. National inventory report available.
AE2b: EU GHG data			Full time series (1990-2006) delivered with a slight delay in CDR for all gases except HFCs, PFCs and SF6 (16 January 2008). CRF XML format provided. Brief inventory report not available.
AQ1: EoI data			Data delivered with delay (19 December 2007). Note provided advising late delivery due to upgrading of national data acquisition system.
AQ2: Air quality questionnaire			Questionnaire delivered to CDR with delay (6 February 2008). Forms 8 and 9 contain information on whether 2006 pollutant levels exceeded or did not exceed the values specified in the air quality legislation for the two zones and agglomerations listed in Form 2. EoI codes provided in Forms 3 and 4 for stations used in the assessment. Station type provided in Form 4. Information on GIS boundaries for all zones and agglomerations listed in Form 2 provided previously to ETC Air and Climate Change.
AQ2b: Monthly and summer ozone data			All monthly reports provided in CDR: two with delay (04/2007 and 05/2007). Summer report delivered on time. Requested metadata available.
CDDA1: Designated areas			Delivery on time: 176 sites (20 new) reported. All have designations, valid IUCN categories, coordinates and size. Boundary data provided for about 89 % of sites.
EWN1: River quality ¹	N/A	N/A	Not applicable.
EWN2: Lake quality ¹			Data delivered with a slight delay (10 January 2008) and in the requested format. Only short time series available. Hazardous substances data not delivered. All requested stations identified. Step 1 of the data request not applicable.
EWN3: Groundwater quality ¹			Data delivered on time and in the requested format. General descriptions provided in previous delivery. Quality data provided. No data on pesticides and hazardous substances provided. GIS data provided. Saltwater intrusion data provided. Step 1 of the data request not applicable.
ME1: Marine data			Data delivered on time and in the requested format. Data provided on: Hazardous substances in water and sediment, Nutrients in seawater, and Station characteristics.
NRTO3: Near real-time ozone data ¹	N/A		Satisfactory uptime during the ozone season.

¹ The scores are provided for information only.

Table 2.25 Detailed data flow analysis for Montenegro

Data flow name	Progress 2006-2007	Progress 2007-2008	Remark
AE1: LRTAP data			No information made available in CDR by 30 April 2008.
AE1b: NEC data	N/A	N/A	Data flow is relevant for EU MS countries only.
AE2: UNFCCC data			No information in CDR by 5 May 2008.
AE2b: EU GHG data	N/A	N/A	Data flow is relevant for EU MS countries only.
AQ1: EoI data			No information received in Central Data Repository by 30 November 2007.
AQ2: Air quality questionnaire	N/A	N/A	Participation in the 2007 data flow is voluntary for countries which are not EU Member States.
AQ2b: Monthly and summer ozone data			No delivery of monthly exceedance information or additional summer report on exceedances in 2007 by 20 December.
CDDA1: Designated areas			No delivery in CDR at 23 August 2007.
EWN1: River quality ¹			Data delivered with a substantial delay (5 February 2008) and in the requested format but with important information missing - data can not be processed.
EWN2: Lake quality ¹			Data delivered with a substantial delay (5 February 2008) and in the requested format but with important information missing - data can not be processed.
EWN3: Groundwater quality ¹			Data delivered with a substantial delay (5 February 2008) and not in the requested format. Data can not be processed.
ME1: Marine data			No data delivery under EIONET data collection 2007.
NRT03: Near real-time ozone data ¹	N/A	N/A	Country did not participate in this data flow.

¹ The scores are provided for information only.

Table 2.26 Detailed data flow analysis for the Netherlands

Data flow name	Progress 2006-2007	Progress 2007-2008	Remark
AE1: LRTAP data			Complete time series from 1990 for pollutants in criteria delivered on time in CDR.
AE1b: NEC data			2005-2006 information for all pollutants delivered on time to CDR. Old version of format used. Inventory report available.
AE2: UNFCCC data			Full time series on time in CDR. National inventory report available.
AE2b: EU GHG data			Full time series (1990-2006) delivered on time in CDR for all gases in the criteria. CRF XML format provided. National inventory report also provided.
AQ1: EoI data			Data delivered on time. Data on particulate matter available for 2006. More than 50 % active stations monitoring PM ₁₀ . Significant delivery of historical data for particulate matter.
AQ2: Air quality questionnaire			No information available in Central Data Repository by 31 December 2007.
AQ2b: Monthly and summer ozone data			All monthly reports provided on time in CDR. Summer report delivered on time. EoI codes provided for all stations.
CDDA1: Designated areas			Delivery delayed (2007/05/25). 1986 (37 new) sites reported. All sites have designation, size, IUCN category and coordinates. Boundary data now available for 12 % of sites.
EWN1: River quality ¹			No data delivery under WISE SoE data collection 2007.
EWN2: Lake quality ¹			No data delivery under WISE SoE data collection 2007.
EWN3: Groundwater quality ¹			Data delivered on time and partly in the requested format (old template used). General descriptions provided in previous delivery. Quality data provided only for two determinands. No data on pesticides and hazardous substances provided. No GIS data provided. No saltwater intrusion data provided. Step 1 of the data request not applicable.
ME1: Marine data			Data made available through ICES. Data provided on: Hazardous substances in biota and sediment (and nutrient data with some delay).
NRTO3: Near real-time ozone data ¹	N/A		Satisfactory uptime during the ozone season.

¹ The scores are provided for information only.

Table 2.27 Detailed data flow analysis for Norway

Data flow name	Progress 2006-2007	Progress 2007-2008	Remark
AE1: LRTAP data			Time series from pre-1990 for all pollutants in criteria delivered on time in CDR.
AE1b: NEC data	N/A	N/A	Data flow is relevant for EU MS countries only.
AE2: UNFCCC data			Full time series delivered on time in CDR. National inventory report provided.
AE2b: EU GHG data	N/A	N/A	Data flow is relevant for EU MS countries only.
AQ1: EoI data			Data delivered on time. Data on particulate matter available for 2006. More than 50 % active stations monitoring PM ₁₀ plus some monitoring of smaller particulates.
AQ2: Air quality questionnaire			Questionnaire delivered on time in CDR. Forms 8 and 9 contain information on whether 2006 pollutant levels exceeded or did not exceed the values specified in the air quality legislation for the seven zones and agglomerations listed in Form 2. EoI codes provided in Forms 3 and 4 for stations used in the assessment. Station type provided in Form 4. Information on GIS boundaries for all zones and agglomerations listed in Form 2 provided.
AQ2b: Monthly and summer ozone data			All monthly reports provided on time in CDR. Summer report delivered with slight delay (1 November 2006). EoI codes provided.
CDDA1: Designated areas			Delivery on time: 2538 (83 new) sites reported. All sites have designations, Information on size is available for 98 %, IUCN categories for 87 %, coordinates for 70 %. Boundary data provided for about 97 % of sites.
EWN1: River quality ¹			Data delivered on time and in the requested format. Long time series available. Hazardous substances data delivered. Less than 75 % of requested stations identified. Step 1 of the data request not applicable.
EWN2: Lake quality ¹			Data delivered on time and in the requested format. Long time series available. Hazardous substances data delivered. More than 75 % of requested stations identified. Step 1 of the data request not applicable.
EWN3: Groundwater quality ¹			Data delivered on time and in the requested format. General descriptions provided in previous delivery. Quality data provided. No data on pesticides and hazardous substances provided. No saltwater intrusion data provided. Step 1 of the data request not applicable.
ME1: Marine data			Data made available through ICES. Data provided on: Hazardous substances in biota and sediment, stations and hydrochemistry.
NRT03: Near real-time ozone data ¹	N/A		Satisfactory uptime during the ozone season.

¹ The scores are provided for information only.

Table 2.28 Detailed data flow analysis for Poland

Data flow name	Progress 2006-2007	Progress 2007-2008	Remark
AE1: LRTAP data			2006 data for pollutants in criteria delivered on time in CDR.
AE1b: NEC data			Information delivered on time but as a PDF report to CDR. Requested format not used.
AE2: UNFCCC data			Full time series in CDR with a slight delay (21 April 2008).
AE2b: EU GHG data			Full time series (1990-2006) delivered with delay in CDR (21 April 2008). CRF XML format not provided. Inventory report provided earlier.
AQ1: EoI data			Data delivered on time. Data on particulate matter available for 2006. More than 50 % active stations monitoring PM ₁₀ plus some monitoring of smaller particulates.
AQ2: Air quality questionnaire			Questionnaire delivered on time in CDR. Forms 8 and 9 contain information on whether 2006 pollutant levels exceeded or did not exceed the values specified in the air quality legislation for the 835 zones and agglomerations listed in Form 2. EoI codes provided for approximately 25 % in Forms 3 and 100 % in Form 4 for stations used in the assessment. Station type provided in Form 4. Information on GIS boundaries for all zones and agglomerations listed in Form 2 provided previously to ETC Air and Climate Change.
AQ2b: Monthly and summer ozone data			All monthly reports provided on time in CDR. Summer report delivered on time. EoI codes provided for all stations.
CDDA1: Designated areas			Delivery on time: 2058 sites reported. All sites have designation, 90 % of the sites have coordinates. 88 % have information about size and approximately 75 % have IUCN categories. No boundary data provided yet.
EWN1: River quality ¹			Data delivered on time and in the requested format. Long time series available. Hazardous substances data delivered. Less than 75 % of requested stations identified. Step 1 data not delivered.
EWN2: Lake quality ¹			Data delivered on time and in the requested format. Long time series available. Hazardous substances data not delivered. Less than 75 % of requested stations identified. Step 1 data delivered.
EWN3: Groundwater quality ¹			Data delivered on time and in the requested format. General descriptions provided. Quality data provided. No data on pesticides and hazardous substances provided. GIS data provided previously. Saltwater intrusion data provided previously. Step 1 of the data request not applicable.
ME1: Marine data			Data delivered on time and in the requested format. Data were also made available through ICES. Data provided on: Hazardous substance in biota and water, Nutrients in seawater, and Station characteristics.
NRTO3: Near real-time ozone data ¹	N/A		Satisfactory uptime during the ozone season. Decentralised data provision with increased susceptibility to partial drop-out.

¹ The scores are provided for information only.

Table 2.29 Detailed data flow analysis for Portugal

Data flow name	Progress 2006-2007	Progress 2007-2008	Remark
AE1: LRTAP data			Time series from 1990 for all pollutants in criteria delivered on time in CDR. Also new gridded emissions data provided.
AE1b: NEC data			Full time series from 1990 for all pollutants delivered on time to CDR. Requested format used.
AE2: UNFCCC data			Full time series in CDR with a slight delay (24 April 2008).
AE2b: EU GHG data			Full information for 2006 for all gases in the criteria delivered on time in CDR. CRF XML format not provided. Short inventory report not available. Information for years 1990 - 2005 delivered later (13 February 2008).
AQ1: EoI data			Data delivered on time. Data on particulate matter available for 2006. More than 50 % active stations monitoring PM ₁₀ plus some monitoring of smaller particulates.
AQ2: Air quality questionnaire			Questionnaire delivered on time in CDR. Forms 8 and 9 contain information on whether 2006 pollutant levels exceeded or did not exceed the values specified in the air quality legislation for the 26 zones and agglomerations listed in Form 2. EoI codes provided in Forms 3 and 4 for stations used in the assessment. Station type provided in Form 4. Information on GIS boundaries for all zones and agglomerations provided previously directly to ETC ACC.
AQ2b: Monthly and summer ozone data			All monthly reports provided on time in CDR. Summer report delivered on time. EoI codes provided for previously reported stations and requested metadata for new stations.
CDDA1: Designated areas			No delivery in CDR. However boundary files were provided with delay (2007/07/09) for 43 % of the sites currently published by EEA.
EWN1: River quality ¹			Data delivered with a substantial delay (20 February 2008) and in the requested format. Only short time series available. Hazardous substances data delivered. Less than 75 % of requested stations identified. Step 1 of the data request not applicable.
EWN2: Lake quality ¹			Data delivered with a delay (28 January 2008) and in the requested format. Only short time series available. Hazardous substances data delivered. Less than 75 % of requested stations identified. Step 1 of the data request not applicable.
EWN3: Groundwater quality ¹			Data delivered with a substantial delay (4 March 2008) and in the requested format. General descriptions and quality data provided. No data on pesticides, hazardous substances or saltwater intrusion data provided. Step 1 of the data request not applicable.
ME1: Marine data			No data delivery under EIONET data collection 2007.
NRT03: Near real-time ozone data ¹	N/A		Satisfactory uptime during the ozone season. Geographic distribution of data needs improvement.














¹ The scores are provided for information only.

Table 2.30 Detailed data flow analysis for Romania

Data flow name	Progress 2006-2007	Progress 2007-2008	Remark
AE1: LRTAP data			Delivery on time in CDR of 2005 data for pollutants in criteria. Informative inventory report also provided.
AE1b: NEC data	N/A		2005-2006 information for all pollutants delivered on time to CDR. Requested format not used.
AE2: UNFCCC data			Full time series delivered on time in CDR. National inventory report provided.
AE2b: EU GHG data			Full time series (1989-2006) delivered on time in CDR for all gases in the criteria. CRF XML format provided. Short inventory report not provided.
AQ1: EoI data			Data delivered on time. Data on particulate matter available for 2006. More than 50 % active stations monitoring PM ₁₀ plus some monitoring of smaller particulates.
AQ2: Air quality questionnaire	N/A		Questionnaire delivered on time in CDR. Forms 8 and 9 contain information on whether 2006 pollutant levels exceeded or did not exceed the values specified in the air quality legislation for the four zones and agglomerations listed in Form 2. EoI codes provided in Forms 3 and 4 for stations used in the assessment. Station type provided in Form 4. Information on GIS boundaries for all zones and agglomerations listed in Form 2 provided in CDR.
AQ2b: Monthly and summer ozone data			All monthly reports provided on time in CDR. Summer report delivered on time. Neither EoI codes nor requested metadata provided for stations.
CDDA1: Designated areas			Delivery on time: 982 sites provided. 100 % of records have designation and IUCN category. More than 99 % have size and 93 % have coordinates. Boundary data provided for 85 % of sites.
EWN1: River quality ¹			Data delivered on time and in the requested format. Only short time series available. Hazardous substances data delivered. Less than 75 % of requested stations identified. Step 1 of the data request not applicable.
EWN2: Lake quality ¹			Data delivered on time and in the requested format. Only short time series available. Hazardous substances data not delivered. Less than 75 % of requested stations identified. Step 1 of the data request not applicable.
EWN3: Groundwater quality ¹			Data delivered on time and in the requested format. General descriptions provided. Quality data not provided. No data on pesticides and hazardous substances provided. GIS data provided. No saltwater intrusion data provided. Step 1 of the data request not applicable.
ME1: Marine data			Data delivered on time and in the requested format. Data provided on: Hazardous substances in biota, water and sediment, Nutrients in seawater, and Station characteristics.
NRTO3: Near real-time ozone data ¹	N/A	N/A	Country did not participate in this data flow.

¹ The scores are provided for information only.

Table 2.31 Detailed data flow analysis for Serbia

Data flow name	Progress 2006-2007	Progress 2007-2008	Remark
AE1: LRTAP data			Information for 2006 for SO ₂ and No _x provided on time in CDR.
AE1b: NEC data	N/A	N/A	Data flow is relevant for EU MS countries only.
AE2: UNFCCC data			No information in CDR by 5 May 2008.
AE2b: EU GHG data	N/A	N/A	Data flow is relevant for EU MS countries only.
AQ1: EoI data			Data delivered on time. Data on particulate matter available for 2006. More than 50 % active stations monitoring PM ₁₀ .
AQ2: Air quality questionnaire	N/A	N/A	Participation in the 2007 data flow is voluntary for countries which are not EU Member States.
AQ2b: Monthly and summer ozone data			All monthly reports provided on time in CDR. Summer report delivered on time. EoI codes provided for all stations.
CDDA1: Designated areas			Delivery on time: 231 sites (29 new) reported. All sites have designations and IUCN categories. 89 % of the sites have information on size and just over 40 % have information on coordinates. No boundaries delivered in 2007.
EWN1: River quality ¹			Data delivered on time and in the requested format. Only short time series available. Hazardous substances data delivered. Less than 75 % of requested stations identified. Step 1 of the data request not applicable.
EWN2: Lake quality ¹			Data delivered on time and in the requested format. Only short time series available. Hazardous substances data delivered. All requested stations identified. Step 1 of the data request not applicable.
EWN3: Groundwater quality ¹			Data delivered on time and in the requested format. General descriptions provided. Quality data provided. Data on pesticides and hazardous substances provided. No saltwater intrusion data provided. Step 1 of the data request not applicable. Very active in communication.
ME1: Marine data		N/A	Country does not have a coastline.
NRTO3: Near real-time ozone data ¹	N/A	N/A	Country did not participate in this data flow.

¹ The scores are provided for information only.

Table 2.32 Detailed data flow analysis for Slovakia

Data flow name	Progress 2006-2007	Progress 2007-2008	Remark
AE1: LRTAP data			Time series from 1990 for pollutants in criteria delivered on time in CDR. Inventory report provided. Data from 2000 provided according NFR guidelines.
AE1b: NEC data			2002-2006 information for all pollutants delivered on time to CDR. Requested format not used.
AE2: UNFCCC data			Full time series delivered on time in CDR. National inventory report provided.
AE2b: EU GHG data			Full time series (1990-2006) delivered on time in CDR for all gases in the criteria. CRF XML format provided. CDR envelope is still in draft status. Inventory report delivered to CDR 16 January.
AQ1: EoI data			Data delivered on time. Data on particulate matter available for 2006. More than 50 % active stations monitoring PM ₁₀ plus some monitoring of smaller particulates.
AQ2: Air quality questionnaire			Questionnaire delivered on time in CDR. Forms 8 and 9 contain information on whether 2006 pollutant levels exceeded or did not exceed the values specified in the air quality legislation for the ten zones and agglomerations listed in Form 2. EoI codes provided in Forms 3 and 4 for stations used in the assessment. Station type provided in Form 4. Information on GIS boundaries for all zones and agglomerations listed in Form 2 provided previously to ETC Air and Climate Change.
AQ2b: Monthly and summer ozone data			All monthly reports provided on time in CDR. Summer report delivered on time. Requested metadata provided.
CDDA1: Designated areas			Delivery on time: 1148 (3 new) sites. All sites have information on designation, size and IUCN category. More than 99 % have information on coordinates and boundary data has been provided for 98 % of the sites.
EWN1: River quality ¹			Data delivered with a slight delay (10 January 2008) and in slightly different format than requested. Long time series available. Hazardous substances data delivered. More than 75 % of requested stations identified. Step 1 data delivered.
EWN2: Lake quality ¹	N/A	N/A	Country does not have any relevant lake.
EWN3: Groundwater quality ¹			Data delivered with a slight delay (10 January 2008) and in the requested format. General descriptions provided in previous delivery. Quality data provided. Data on pesticides and hazardous substances provided. GIS data provided previously. Saltwater intrusion data provided previously. Step 1 data delivered.
ME1: Marine data	N/A	N/A	Country does not have a coastline.
NRTO3: Near real-time ozone data ¹	N/A		Just passed 70 % data provision.

¹ The scores are provided for information only.

Table 2.33 Detailed data flow analysis for Slovenia

Data flow name	Progress 2006-2007	Progress 2007-2008	Remark
AE1: LRTAP data			Time series 2000-2006 for pollutants in criteria delivered on time in CDR. Informative inventory report provided.
AE1b: NEC data			2005-2006 information for all pollutants delivered on time to CDR. Requested format not used for 2006.
AE2: UNFCCC data			Full time series delivered on time in CDR. National inventory report provided.
AE2b: EU GHG data			Full time series (1986-2006) delivered on time in CDR for all gases in the criteria. CRF XML format provided. Short inventory report also provided.
AQ1: EoI data			Data delivered on time. Data on particulate matter available for 2006. 45 % active stations monitoring PM ₁₀ .
AQ2: Air quality questionnaire			Questionnaire delivered on time in CDR. Forms 8 and 9 contain information on whether 2006 pollutant levels exceeded or did not exceed the values specified in the air quality legislation for the nine zones and agglomerations listed in Form 2. EoI codes provided in Forms 3 and 4 for stations used in the assessment. Station type provided in Form 4. Information on GIS boundaries for all zones and agglomerations listed in Form 2 provided previously to ETC Air and Climate Change.
AQ2b: Monthly and summer ozone data			All monthly reports provided on time in CDR. Summer report delivered on time. Requested metadata provided.
CDDA1: Designated areas			Delivery on time: 449 (15 new) sites. All sites have designations and more than 99 % have information on size and coordinates and IUCN categories. Boundary data has been provided for all the sites.
EWN1: River quality ¹			Data delivered on time and in the requested format. Long time series available. Hazardous substances data delivered. More than 75 % of requested stations identified. Step 1 data delivered.
EWN2: Lake quality ¹			Data delivered on time and in the requested format. Long time series available. Hazardous substances data not delivered. Less than 75 % of requested stations identified. Step 1 data delivered.
EWN3: Groundwater quality ¹			Data delivered on time and in the requested format. General descriptions provided. Quality data provided. Data on pesticides and hazardous substances provided. GIS data provided previously. No saltwater intrusion data provided. Step 1 data delivered.
ME1: Marine data			Data made available through MEDPOL. Data provided on: Nutrients in Seawater, Hazardous substances in sediment and biota.
NRTO3: Near real-time ozone data ¹	N/A		Satisfactory uptime during the ozone season.

¹ The scores are provided for information only.

Table 2.34 Detailed data flow analysis for Spain

Data flow name	Progress 2006-2007	Progress 2007-2008	Remark
AE1: LRTAP data			Full time series for all pollutants in criteria made available in CDR with delay (13 March 2008). Informative inventory report also available.
AE1b: NEC data			Information delivered as a PDF report on time to CDR. Requested format not used.
AE2: UNFCCC data			Full time series in CDR with a slight delay (22 April 2008). National inventory report provided.
AE2b: EU GHG data			Full time series (1990-2006) delivered with delay in CDR (13 March 2008). CRF XML format provided. Inventory report provided.
AQ1: EoI data			Data delivered on time. Data on particulate matter available for 2006. 50 % active stations monitoring PM ₁₀ plus some monitoring of smaller particulates.
AQ2: Air quality questionnaire			Questionnaire delivered on time in CDR. Forms 8 and 9 contain information on whether 2006 pollutant levels exceeded or did not exceed the values specified in the air quality legislation for the 138 zones and agglomerations listed in Form 2. EoI codes provided in Forms 3 and 4 for stations used in the assessment. Station type provided in Form 4. Information on GIS boundaries for all zones and agglomerations listed in Form 2 provided in CDR.
AQ2b: Monthly and summer ozone data			All monthly reports provided in CDR: one with delay (4/2007). Summer report delivered on time. Requested metadata provided.
CDDA1: Designated areas			Data delivered with delay in CDR (April 2008) for 1221 sites. GIS information provided on size and boundaries for all sites. 42 % of sites have information on IUCN categories. Reporting format not used.
EWN1: River quality ¹			Data delivered on time and in the requested format. Long time series available. Hazardous substances data not delivered. Less than 75 % of requested stations identified. Step 1 data delivered.
EWN2: Lake quality ¹			Only Step 1 data delivered under WISE SoE data collection 2007.
EWN3: Groundwater quality ¹			No data delivery under Eionet-Water data collection 2007.
ME1: Marine data			Data made available through ICES. Data provided on: Hazardous substances in sediment.
NRTO3: Near real-time ozone data ¹	N/A		Decentralised data provision with increased susceptibility to partial drop-out. Uptime for Madrid and Galicia less than 70 %. All other providers were above 80 %.

¹ The scores are provided for information only.

Table 2.35 Detailed data flow analysis for Sweden

Data flow name	Progress 2006-2007	Progress 2007-2008	Remark
AE1: LRTAP data			Full time series for pollutants in criteria delivered on time to CDR. Inventory report provided.
AE1b: NEC data			Full time series from 1988 for all pollutants delivered on time in CDR. Requested format not used.
AE2: UNFCCC data			Full time series on time in CDR. National inventory report provided.
AE2b: EU GHG data			Full time series (1990-2006) delivered on time in CDR for all gases in the criteria. CRF XML format provided. National inventory report also provided by the deadline.
AQ1: EoI data			Data delivered on time. Data on particulate matter available for 2006. 50 % active stations monitoring PM ₁₀ plus some monitoring of smaller particulates.
AQ2: Air quality questionnaire			Questionnaire delivered on time in CDR. Forms 8 and 9 contain information on whether 2006 pollutant levels exceeded or did not exceed the values specified in the air quality legislation for the six zones and agglomerations listed in Form 2. EoI codes provided in Forms 3 and 4 for stations used in the assessment. Station type provided in Form 4. Information on GIS boundaries for all zones and agglomerations listed in Form 2 provided previously to ETC Air and Climate Change.
AQ2b: Monthly and summer ozone data			All monthly reports provided on time in CDR. Summer report delivered on time. Requested metadata provided.
CDDA1: Designated areas			Delivery on time: 5614 (276 new) sites. All have information on designation, size and IUCN category More than 97 % have information on coordinates while boundary data has been provided 94 % of sites.
EWN1: River quality ¹			Data delivered on time and in the requested format. Some long time series available (only P and NH ₄). Hazardous substances data delivered. Less than 75 % of requested stations identified. Step 1 data delivered with some delay.
EWN2: Lake quality ¹			Data delivered on time and in the requested format. Long time series available. Hazardous substances data delivered. Less than 75 % of requested stations identified. Step 1 data delivered.
EWN3: Groundwater quality ¹			Data delivered on time and in the requested format. General descriptions provided. Quality data provided. No data on pesticides and hazardous substances provided. GIS data provided previously. No saltwater intrusion data provided. Step 1 of the data request not applicable.
ME1: Marine data			Data delivered on time and in the requested format. Data were also made available through ICES. Data provided on: Proxy pressures, Flux stations, Riverine inputs, Direct discharges, Hazardous substances in biota, Nutrients in seawater, and Station characteristics.
NRTO3: Near real-time ozone data ¹	N/A		Insufficient station density - work in progress.



















¹ The scores are provided for information only.

Table 2.36 Detailed data flow analysis for Switzerland

Data flow name	Progress 2006-2007	Progress 2007-2008	Remark
AE1: LRTAP data			Full time series for pollutants in criteria delivered to CDR on time.
AE1b: NEC data	N/A	N/A	Data flow is relevant for EU MS countries only.
AE2: UNFCCC data			Full time series on time in CDR. National inventory report available.
AE2b: EU GHG data	N/A	N/A	Data flow is relevant for EU MS countries only.
AQ1: EoI data			Data delivered on time to ETC ACC but delayed to CDR due to problems with upload permissions. Data on particulate matter available for 2006. 50 % active stations monitoring PM ₁₀ .
AQ2: Air quality questionnaire		N/A	Participation in the 2007 data flow is voluntary for countries which are not EU Member States.
AQ2b: Monthly and summer ozone data			All monthly reports provided in CDR: two with delay (04/2007,07/2006). Summer report delivered on time. Requested metadata provided.
CDDA1: Designated areas			Delivery on time: 3127 sites provided all of which have designation and IUCN category, 97 % with size and 68 % with coordinates. No boundary information delivered.
EWN1: River quality ¹			Data delivered on time and in the requested format. Some long time series available (only P and NO ₃). Hazardous substances data delivered. Less than 75 % of requested stations identified. Step 1 of the data request not applicable.
EWN2: Lake quality ¹			Data delivered on time and in the requested format. Long time series available. Hazardous substances data delivered. All requested stations identified. Step 1 of the data request not applicable.
EWN3: Groundwater quality ¹			Data delivered on time and in the requested format. General descriptions provided. Quality data provided. Data on pesticides and hazardous substances provided. No saltwater intrusion data provided. Step 1 of the data request not applicable.
ME1: Marine data	N/A	N/A	Country does not have a coastline.
NRTO3: Near real-time ozone data ¹	N/A		Satisfactory uptime during the ozone season.

¹ The scores are provided for information only.

Table 2.37 Detailed data flow analysis for Turkey

Data flow name	Progress 2006-2007	Progress 2007-2008	Remark
AE1: LRTAP data			No information made available in CDR by 30 April 2008.
AE1b: NEC data	N/A	N/A	Data flow is relevant for EU MS countries only.
AE2: UNFCCC data			No information in CDR by 5 May 2008.
AE2b: EU GHG data	N/A	N/A	Data flow is relevant for EU MS countries only.
AQ1: EoI data			No information available in Central Data Repository by 30 November 2007.
AQ2: Air quality questionnaire	N/A	N/A	Participation in the 2007 data flow is voluntary for countries which are not EU Member States.
AQ2b: Monthly and summer ozone data			No delivery of monthly exceedance information or additional summer report on exceedances in 2007 by 20 December.
CDDA1: Designated areas			Delivery on time: 2563 (380 new) sites. All sites have information on designation and IUCN category. More than 60 % of the sites have information on size and just over 43 % have information on coordinates. No boundary data provided for sites.
EWN1: River quality ¹			No data delivery under WISE SoE data collection 2007.
EWN2: Lake quality ¹			No data delivery under WISE SoE data collection 2007.
EWN3: Groundwater quality ¹			No data delivery under Eionet-Water data collection 2007.
ME1: Marine data			Data made available through MEDPOL. Data provided on: Nutrients in Seawater, Hazardous substances in sediment and biota.
NRTO3: Near real-time ozone data ¹	N/A	N/A	Country did not participate in this data flow.

¹ The scores are provided for information only.

Table 2.38 Detailed data flow analysis for the United Kingdom

Data flow name	Progress 2006-2007	Progress 2007-2008	Remark
AE1: LRTAP data			Full time series for pollutants in criteria delivered on time to CDR. Access to files is still restricted.
AE1b: NEC data			2002-2006 information for all pollutants delivered on time to CDR. Requested format not used.
AE2: UNFCCC data			Full time series on time in CDR. National inventory report available.
AE2b: EU GHG data			Full time series (1990-2006) delivered on time in CDR for all gases in the criteria. CRF XML format provided. Short inventory report not provided.
AQ1: EoI data			Data delivered on time. Data on particulate matter available for 2005. More than 50 % active stations monitoring PM ₁₀ plus some monitoring of smaller particulates.
AQ2: Air quality questionnaire			Questionnaire delivered on time in CDR. Forms 8 and 9 contain information on whether 2006 pollutant levels exceeded or did not exceed the values specified in the air quality legislation for the 43 zones and agglomerations listed in Form 2. EoI codes provided in Forms 3 and 4 for stations used in the assessment. Station type provided in Form 4. Information on GIS boundaries for all zones and agglomerations listed in Form 2 provided in CDR.
AQ2b: Monthly and summer ozone data			All monthly reports provided on time in CDR. Summer report delivered on time. EoI codes or requested metadata provided for all stations.
CDDA1: Designated areas			Delivery on time: 8843 (172 new) sites reported. All have information on designation and size. More than 99 % of the sites have coordinates and 99 % have an IUCN category. Boundary data provided for about 95 % of the sites.
EWN1: River quality ¹			No data delivery under WISE SoE data collection 2007.
EWN2: Lake quality ¹			No data delivery under WISE SoE data collection 2007.
EWN3: Groundwater quality ¹			No data delivery under Eionet-Water data collection 2007.
ME1: Marine data			Data made available through ICES. Data provided on: Hazardous substances in biota and sediment, and nutrients in seawater.
NRTO3: Near real-time ozone data ¹	N/A		Satisfactory uptime during the ozone season.

¹ The scores are provided for information only.



European Environment Agency
Kongens Nytorv 6
1050 Copenhagen K
Denmark

Tel.: +45 33 36 71 00
Fax: +45 33 36 71 99

Web: eea.europa.eu
Enquiries: eea.europa.eu/enquiries

