

Eionet priority data flows

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



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Foreword by the Executive Director

I am happy to present to you the 15th progress report on Eionet priority data flows. The purpose of the report is to show progress against agreed, stable and well-defined criteria, in order to allow countries to identify and confirm the institutional resources they need for regular reporting procedures. It also aims to encourage countries towards better performance through competition amicale, concentrating on achievements rather than failures.

Progress has again been assessed against criteria for 13 regular priority areas that now include reporting for the European Pollutant Transfer Register. Information is also provided for three additional data flows: reporting to EEA on near-real time ozone; water quantity; emissions to water. The 16 data flows presented in this report are a subset of EEA's data collection activities. They represent about half of the total number of 2 300 data deliveries received during the period May 2011 to April 2012.

All 32 member countries of the EEA and the seven cooperating West Balkan countries (which together constitute the 'Eionet') participate in the priority data flows exercise — a substantially broader geographical coverage than in other ranking exercises and an aspect which is a key added value of EEA/Eionet collaboration. Kosovo under UNSCR 1244/99 participated for the first time.

The provision of high-quality data by Eionet is fundamental for EEA to achieve its mission to provide timely, targeted, relevant and reliable information to policymaking agents and the public.

Overall, the report finds continued steady improvement. Switzerland and Sweden shared the top score of 100 %. They were followed by Austria and Estonia with 98 % and Liechtenstein with 97 %. The average score rose to 83 % while more than two-thirds of Eionet countries achieved or exceeded this threshold. In comparison, in 2000, the average score was 45 % and only three countries scored

above 70 % (although criteria were also less stringent then). This shows that regular reporting has now become more 'routine' for many countries, for example, by institutionalising resources dedicated to the task.

Reportnet tools have contributed to the overall improvements. The use of Reportnet tools to facilitate data flows has again increased during the past year as the European Commission's DG Environment continues to channel more data collection through Reportnet services. Improvements have also been fostered by the increased number of data collections which receive quality feedback reports from experts via public online channels.

However the network cannot be complacent as this year's scores show a distinct gap between the countries with scores of 80 % or more and the remaining 11 countries. Countries that are having difficulties with specific data flows are encouraged to discuss their problems with the EEA.

Overall, Eionet continues to demonstrate its readiness to play a key role in the implementation of the Shared Environmental Information System (SEIS) — relevant reporting systems are rapidly being modernised towards a network of decentralised systems providing online access to data, and they are managed as close to source as possible while preserving measures to ensure quality. EEA will continue to work with its National Focal Points to improve and integrate appropriate common tools further into all priority data flow activities at a national level in order to implement SEIS principles.

Let me end by thanking Eionet for its continued enthusiasm and support to ensure that Europe's environmental information is of the highest quality for public and government use alike.

Jacqueline McGlade
Executive Director

Figure 1 Overall performance of countries (May 2011–April 2012)

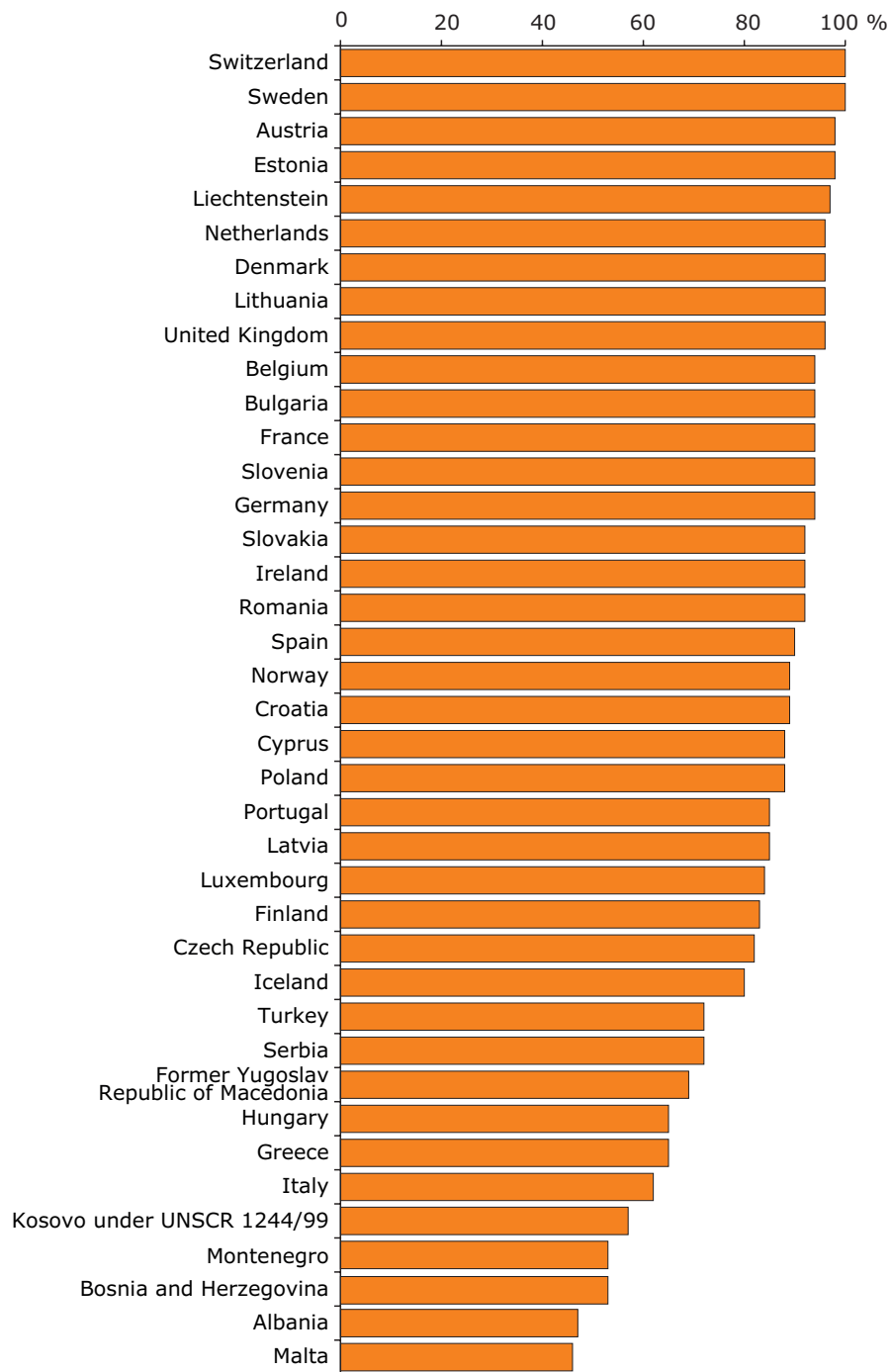


Table 1 Performance history

Country	Score 2001 (%)	Score 2002 (%)	Score 2003 (%)	Score 2004 (%)	Score 2005 (%)	Score 2006 (%)	Score 2007 (%)	Score 2008 (%)	Score 2009 (%)	Score 2010 (%)	Score 2011 (%)	Trend compared to last year
Albania	0	0	17	22	30	45	21	19	31	53	47	- 6 ↘
Austria	81	97	95	98	98	100	100	100	100	95	98	+ 3 →
Belgium	50	53	58	59	66	69	75	96	92	90	94	+ 4 →
Bosnia and Herzegovina	39	29	34	22	22	53	46	58	56	50	53	+ 3 →
Bulgaria	71	69	75	80	89	80	92	96	92	92	94	+ 2 →
Croatia	N/A	N/A	N/A	28	17	48	71	69	78	92	89	- 3 →
Cyprus	N/A	N/A	N/A	N/A	25	63	81	90	90	73	88	+ 15 ↗
Czech Republic	75	72	68	63	65	68	84	80	85	85	82	- 3 →
Denmark	86	83	85	82	69	63	78	73	94	92	96	+ 4 →
Estonia	81	72	80	81	81	90	86	96	96	98	98	0 →
Finland	72	68	79	85	75	73	78	92	85	83	83	0 →
Former Yugoslav Republic of Macedonia	42	54	50	50	69	78	75	75	72	69	69	0 →
France	53	63	73	79	83	85	89	94	96	96	94	- 2 →
Germany	64	83	81	67	75	92	78	88	100	98	94	- 4 →
Greece	50	60	52	44	54	50	50	52	58	58	65	+ 7 ↗
Hungary	68	56	53	47	80	86	78	66	45	41	65	+ 24 ↑
Iceland	14	36	30	14	56	30	64	73	64	75	80	+ 5 ↗
Ireland	61	68	71	65	73	73	81	94	92	90	92	+ 2 →
Italy	33	65	56	52	59	50	64	67	54	60	62	+ 2 →
Kosovo under UNSCR 1244/99	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	57	N/A ↑
Latvia	66	80	89	94	98	100	97	98	98	96	85	- 11 ↘
Liechtenstein	9	61	53	43	64	54	60	57	86	82	97	+ 15 ↗
Lithuania	50	47	73	73	83	94	94	85	94	94	96	+ 2 →
Luxembourg	36	18	25	14	39	44	34	58	53	63	84	+ 21 ↑
Malta	N/A	N/A	78	56	63	68	69	86	52	34	46	+ 12 ↗
Montenegro	N/A	N/A	N/A	17	36	56	0	17	6	44	53	+ 9 ↗
Netherlands	67	70	69	64	77	79	81	60	77	88	96	+ 8 ↗
Norway	64	81	75	69	65	78	93	80	85	90	89	- 1 →
Poland	53	72	65	50	58	77	69	79	81	79	88	+ 9 ↗
Portugal	33	35	50	20	27	42	64	83	85	90	85	- 5 ↘
Romania	21	47	38	31	11	75	86	96	92	92	92	0 →
Serbia	N/A	N/A	N/A	17	36	56	60	78	75	75	72	- 3 →
Slovakia	43	63	72	84	85	95	97	91	98	82	92	+ 10 ↗
Slovenia	66	78	88	92	75	96	94	96	94	96	94	- 2 →
Spain	33	55	38	41	52	56	64	63	83	85	90	+ 5 ↗
Sweden	89	90	90	94	94	96	97	100	100	98	100	+ 2 →
Switzerland	N/A	N/A	N/A	N/A	75	39	85	100	97	94	100	+ 6 ↗
Turkey	N/A	N/A	N/A	N/A	19	17	25	47	64	64	72	+ 8 ↗
United Kingdom	72	83	73	66	82	83	94	65	81	98	96	- 2 →
Average (all countries)	53	62	64	57	62	69	73	77	78	80	83	+ 3 →



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 8–26 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 have 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 reporting cycle 2011–2012.

Data flow	Deadline
AQ-2: Air quality questionnaire	30 September 2011
AQ-1: EoI data	1 October 2011
AQ-2b: Monthly/summer ozone	31 October 2011 (*)
EWN-1: River quality	31 October 2011
EWN-2: Lake quality	31 October 2011
EWN-3: Groundwater quality	31 October 2011
EWN4: Water quantity	31 October 2011
ME-1: Marine data	31 October 2011
WISE1: Water emission quality	31 October 2011
AE-1b: NEC data	31 December 2011
AE-2b: EU GHG data	15 January 2012
AE-1: LRTAP data	15 February 2012
CDDA-1: Designated areas	15 March 2012
E-PRTR1: European Pollutant Transfer Register	31 March 2012
AE-2: UNFCCC data	15 April 2012
NRT03: Near-real time ozone data	Not applicable (**)

Note: (*) Information on ozone exceedances has to be provided by the end of the following calendar month for each month from April to September. The deadline for additional information about the summer period was 31 October 2011.

(**) There is no traditional deadline for the near-real time ozone data flow, as it is based on continuous data exchange during the summer season.

Evolution of priority data flow reporting

Data flow progress reporting began in 1999 with an initial geographical coverage of the original 18 member countries of EEA. The coverage was extended in 2000 by including the 13 countries (Albania, Bosnia and Herzegovina, Bulgaria, the Czech Republic, Estonia, the 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 39: Malta (joining in 2004), Croatia, Serbia and Montenegro (joining in 2005), Cyprus, Switzerland and Turkey (joining in 2006) and Kosovo under UNSCR 1244/99 (joining in 2011).

In 1998, Eionet discussions on data flows focused on those which were seen as the key reporting activities for the thematic areas of air emissions, air quality, fresh water, marine, designated areas and Corine land cover. The set of information identified at that time has indeed proved to be a stable long term requirement for EEA's assessments. The significant evolution of environmental legislation during the period has tended to strengthen rather than change these requirements.

The overall principle for the evaluation of the priority data flows has remained constant. For data flows that require countries to deliver annual measurement data, a timely delivery in the appropriate format merits two smileys as these are the basics for efficient compilation of a European dataset. The third smiley is awarded as an indication of completeness of the delivery. This criterion has gradually been made more stringent across all data flows, so that countries have had to work harder to maintain their score from year to year.

Reportnet data collection for the priority data flows and beyond

The 16 data flows presented in this report are a subset of EEA's data collection activities. They represent about half of the total number of 2 300 data deliveries received during the period May 2011 to April 2012. The total number of deliveries for individual priority data flows (with the exception of reporting on monthly ozone and

near-real time ozone) ranges from around 25 to around 150. There are several reasons for countries making multiple deliveries in an annual cycle. Updated deliveries respond to issues raised by on-going quality checks at national and European levels. Countries may also provide supplementary deliveries containing data for previous years to complete gaps in time series.

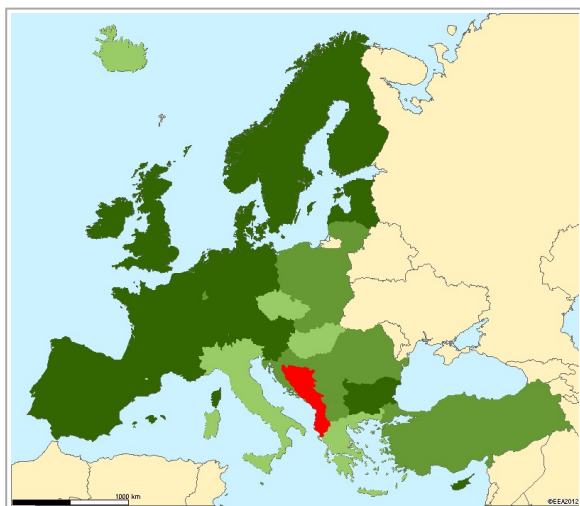
The remaining 50 % of the data deliveries received during the period May 2011 to April 2012 respond to almost 100 different reporting obligations, including the following prominent EU legislation:

- Bathing Water Directive (2006/7/EC)
- Birds Directive (1979/409/EEC)
- CO₂ emissions from passenger cars (Regulation 2009/443/EC)
- Drinking Water Directive (1998/83/EC)
- Emission Trading Directive (2003/87/EC)
- Environmental Noise Directive (2002/49/EC)
- Floods Directive (2007/60/EC)
- Habitats Directive (1992/43/EEC)
- Large Combustion Plants Directive (2001/80/EC)
- Urban Waste Water Treatment Directive (1991/271/EEC)
- VOC Paints Directive (2004/42/EC)
- VOC Solvent Emissions Directive (1999/13/EC)
- Water Framework Directive (2000/60/EC)

Deliveries under these obligations are not evaluated in the priority data flow report either because reporting frequency is not annual or because they are not currently used in a regularly updated EEA product such as an indicator.

Automated data checking routines are in place in Reportnet for almost all data collections (priority data flows and others) with more than 10 deliveries received during the period May 2011 to April 2012. The number of automated routines where an initial feedback is made available online within minutes of delivery has increased as appropriate reporting formats are adopted for the data collections. These automated routines supplement the detailed checks performed by thematic experts. The results of the detailed checks may be made available in Reportnet or via published reports that accompany the European dataset.





Data flow AE1: LRTAP data



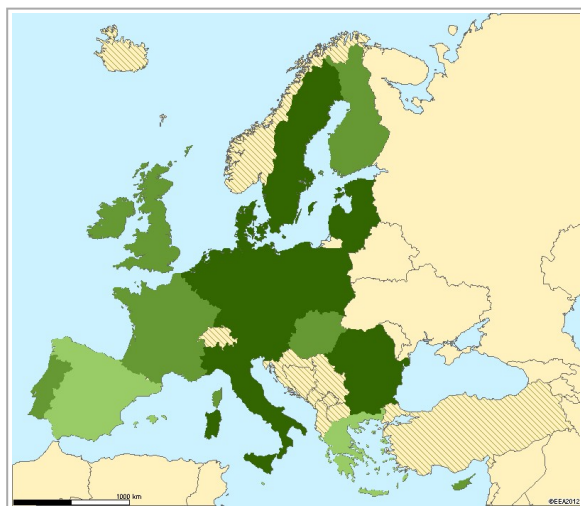
	19 countries with a score of 3 points: Austria, Belgium, Bulgaria, Cyprus, Denmark, Estonia, Finland, France, Germany, Ireland, Latvia, Netherlands, Norway, Portugal, Slovenia, Spain, Sweden, Switzerland, United Kingdom
	12 countries with a score of 2 points: Croatia, Former Yugoslav Republic of Macedonia, Kosovo under UNSCR 1244/99, Liechtenstein, Lithuania, Luxembourg, Malta, Poland, Romania, Serbia, Slovakia, Turkey
	5 countries with a score of 1 point: Czech Republic, Greece, Hungary, Iceland, Italy
	3 countries did not deliver data: Albania, Bosnia and Herzegovina, Montenegro

Detailed criteria for scoring

Scoring criteria are based on completeness of time series of requested pollutants (SO₂, NO_x, CO, NMVOC, NH₃, PM₁₀) 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 promptly in the agreed national data repository using requested electronic format according to the [template](#) (see letter to Eionet).

	Complete time series available for all requested pollutants SO ₂ , NO _x , CO, NMVOC, NH ₃ (at least 1990–2010) and PM ₁₀ (at least 2000–2010) by 15 February 2012.
	Data available on time (by 15 February 2012).
	Data delivered after 15 February 2012.
	No delivery available.
European datasets	Air emissions data published through EEA Data Service Air pollutant emissions (LRTAP) data viewer in EEA Data Service
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 pollution indicators on EEA website.

Data flow AE1b: NEC data



	16 countries with a score of 3 points: Austria, Belgium, Bulgaria, Czech Republic, Denmark, Estonia, Germany, Italy, Latvia, Lithuania, Luxembourg, Netherlands, Poland, Romania, Slovenia, Sweden
	8 countries with a score of 2 points: Cyprus, Finland, France, Hungary, Ireland, Portugal, Slovakia, United Kingdom
	3 countries with a score of 1 point: Greece, Malta, Spain
	No country in this category
	This data flow is not applicable (N/A) to 12 countries: Albania, Bosnia and Herzegovina, Croatia, Former Yugoslav Republic of Macedonia, Iceland, Kosovo under UNSCR 1244/99, 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 2009 and 2010 plus projections for 2010 as required by the [National Emission Ceilings Directive 2001/81/EC](#). The directive requires reporting according to the [template](#). Countries have been requested to post their deliveries in the Central Data Repository ([see letter to Eionet](#)).

	NEC data available in CDR by 31 December 2011 and in the format specified and without modifications to the reporting template.
	NEC data delivered in time (by 31 December 2011).
	NEC data delivered after 31 December 2011.
	No NEC data delivered.
European datasets	National Emission Ceilings Directive Inventory in EEA Data Service Air pollutant emissions (NEC Directive) data viewer in EEA Data Service
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 pollution indicators on EEA website.

Data flow AE2: UNFCCC data



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

- No country in this category

- 2 countries with a score of 1 point: Spain, Turkey

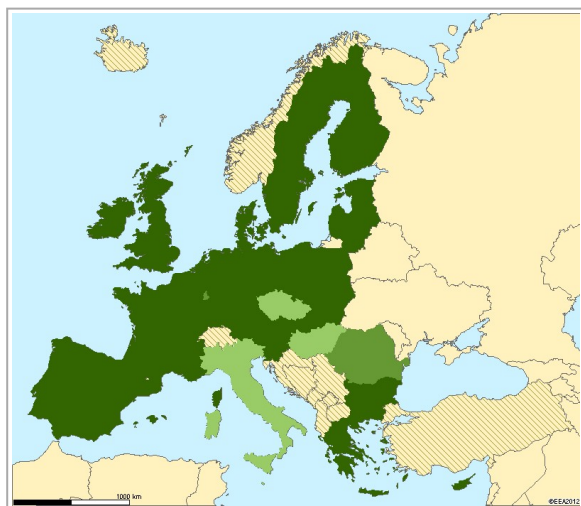
- 6 countries did not deliver data: Albania, Bosnia and Herzegovina, Former Yugoslav Republic of Macedonia, Kosovo under UNSCR 1244/99, Montenegro, Serbia






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 1990–2010 for all pollutants requested by data flow project: CO ₂ , CH ₄ , N ₂ O, HFC, PFC and SF ₆ made available in specified XML format by 15 April 2012.
	Data in XML format available on time (by 15 April 2012).
	Data delivered with delay (after 15 April 2012) or not in XML format.
	No delivery available.
European datasets	Greenhouse gas emissions data published through EEA Data Service Greenhouse gas emissions data viewer in EEA Data Service
Related indicators	EEA core set of indicators : <ul style="list-style-type: none"> • CSI 002 Emissions of ozone precursors • CSI 010 Greenhouse gas emissions and removals Greenhouse gas country profiles





Data flow AE2b: EU GHG data



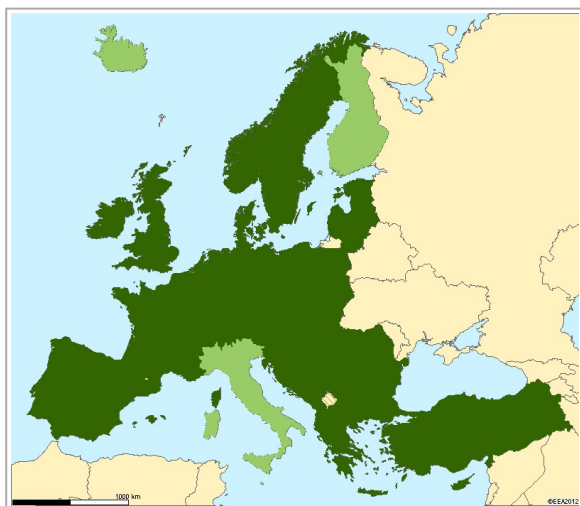
	21 countries with a score of 3 points: Austria, Belgium, Bulgaria, Cyprus, Denmark, Estonia, Finland, France, Germany, Greece, Ireland, Latvia, Lithuania, Netherlands, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, United Kingdom
	2 countries with a score of 2 points: Luxembourg, Romania
	4 countries with a score of 1 point: Czech Republic, Hungary, Italy, Malta
	No country in this category
	This data flow is not applicable (N/A) to 12 countries: Albania, Bosnia and Herzegovina, Croatia, Former Yugoslav Republic of Macedonia, Iceland, Kosovo under UNSCR 1244/99, 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](#)).

	Greenhouse Gas Monitoring Mechanism (EU GHG MM) data and preliminary inventory report delivered in time (by 15 January 2012) including all requested gases and in the specified XML format.
	GHG data delivered in time and in the specified XML format (by 15 January 2012).
	GHG data delivered with delay (15-31 January 2012) or not in the specified XML format.
	No GHG data delivered or significantly delayed (after 31 January 2012).
European datasets	Greenhouse gas emissions data published through EEA Data Service Greenhouse gas emissions data viewer in EEA Data Service
Related indicators	EEA core set of indicators : <ul style="list-style-type: none"> • CSI 002 Emissions of ozone precursors • CSI 010 Greenhouse gas emissions and removals Greenhouse gas country profiles .

Data flow AQ1: EoI data



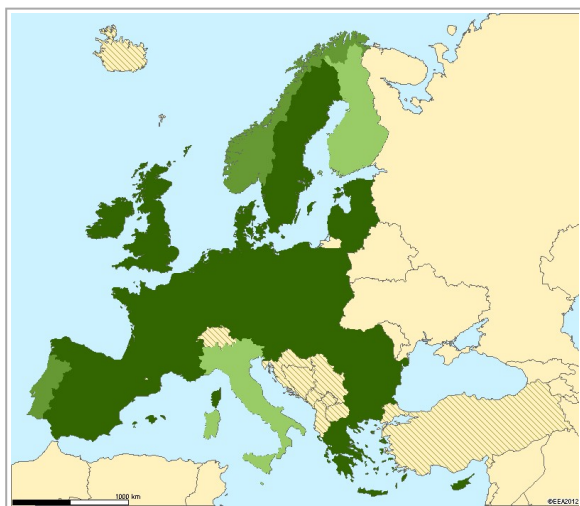
	34 countries with a score of 3 points: Albania, Austria, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Ireland, Latvia, Liechtenstein, Lithuania, Luxembourg, Montenegro, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey, United Kingdom
	No country in this category
	4 countries with a score of 1 point: Finland, Iceland, Italy, Malta
	No country in this category
	This data flow is not applicable (N/A) to 1 country: Kosovo under UNSCR 1244/99

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.

	2010 data delivered in time and includes particulate matter (Black Smoke, TSP, PM ₁₀ , PM _{2.5} , PM _{1.0}).
	2010 data delivered in time (not later than 1 October 2011).
	Delivery available but not meeting criteria for content and/or timeliness.
	No delivery available.
European datasets	AirBase data published through EEA Data Service Map viewer for AirBase data.
Related indicators	EEA core set of indicators : <ul style="list-style-type: none"> • CSI 004 Exceedance of air quality limit values in urban areas • CSI 005 Exposure of ecosystems to acidification, eutrophication and ozone

Data flow AQ2: Air quality questionnaire



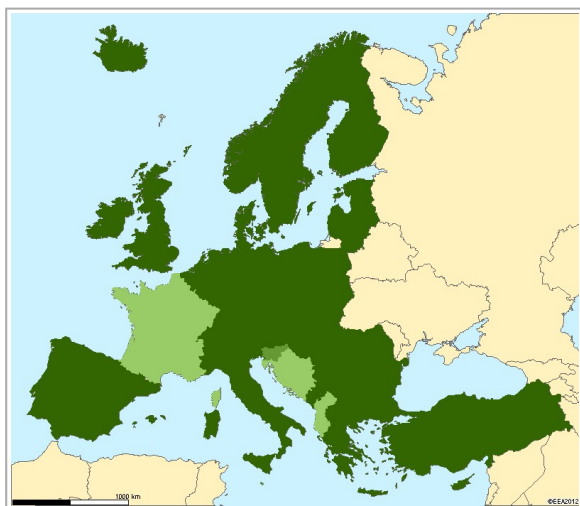
	23 countries with a score of 3 points: Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, France, Germany, Greece, Hungary, Ireland, Latvia, Lithuania, Luxembourg, Netherlands, Poland, Romania, Slovakia, Slovenia, Spain, Sweden, United Kingdom
	2 countries with a score of 2 points: Norway, Portugal
	3 countries with a score of 1 point: Finland, Italy, Malta
	No country in this category
	11 countries did not actively participate in this data flow: Albania, Bosnia and Herzegovina, Croatia, Former Yugoslav Republic of Macedonia, Iceland, Kosovo under UNSCR 1244/99, Liechtenstein, Montenegro, Serbia, Switzerland, Turkey

Detailed criteria for scoring

Scoring is based on reporting of 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 where zone boundaries have changed or where zone boundaries were not previously available so that a European overview can be produced. Participation in the 2011 data flow is voluntary for countries which are not EU Member States.

	Annual air quality in zones and agglomerations for 2010 for all required pollutants delivered in CDR using the questionnaire by 30 September 2011 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 2010 for all required pollutants delivered in CDR using the questionnaire by 30 September 2011 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.
European datasets	Zones in relation to EU air quality thresholds published through EEA Data Service Map viewer for air quality zones
Regular products	Annually published DG Environment list of zones in the EU Member States in relation to air quality thresholds

Data flow AQ2b: Monthly and summer ozone data



- 32 countries with a score of 3 points: Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Liechtenstein, Lithuania, Luxembourg, Montenegro, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Spain, Sweden, Switzerland, Turkey, United Kingdom
- 2 countries with a score of 2 points: Malta, Slovenia
- 5 countries with a score of 1 point: Albania, Bosnia and Herzegovina, Croatia, France, Kosovo under UNSCR 1244/99
- No country in this category

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 2011 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 2011 or metadata on station location and type not available for at least 95 % of reported stations.



Information delivered but it does not meet the criteria relating to timeliness and/or completeness.

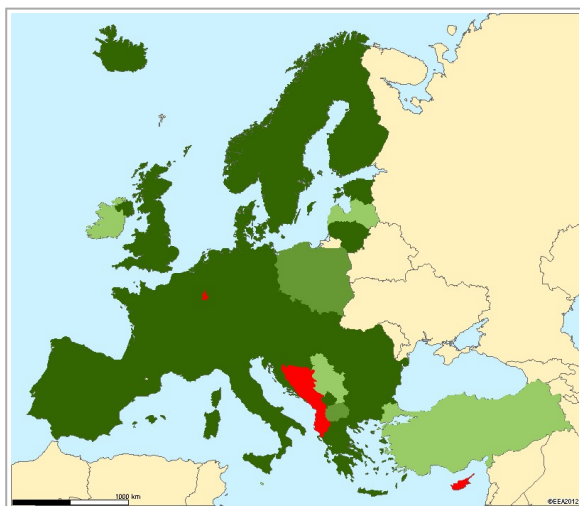


No 2011 data delivered.

European datasets [Provisional ozone exceedances](#)

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

Data flow CDDA1: Designated areas



- 27 countries with a score of 3 points: Austria, Belgium, Bulgaria, Croatia, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Italy, Kosovo under UNSCR 1244/99, Liechtenstein, Lithuania, Netherlands, Norway, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, United Kingdom

- 2 countries with a score of 2 points: Former Yugoslav Republic of Macedonia, Poland

- 5 countries with a score of 1 point: Ireland, Latvia, Malta, Serbia, Turkey

- 5 countries did not meet the minimum criteria: Albania, Bosnia and Herzegovina, Cyprus, Luxembourg, Montenegro

Detailed criteria for scoring

Evaluation and scoring criteria for the CDDA are unchanged from previous years. The criteria are based on the timeliness and quality of the data made available in the agreed national data repository. Correctly reported spatial data with the appropriate attributes allows EEA to use CDDA in combination with other European data sets when making assessments. The information on IUCN categories is also a key attribute in the [World Data Base on Protected Areas](#).



Designated areas made available by 15 March 2012 and at least 95 % of the nationally designated areas reported have the required attributes: centre co-ordinates, size of area and valid IUCN 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 areas).



Designated areas made available by 15 March 2012 and at least 66 % of the nationally designated areas made available have the required attributes: centre co-ordinates, size of area and valid IUCN category and valid designation category. In addition to the above: 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 areas).



Designated areas made available and at least 30 % of the nationally designated areas made available have the required attributes: centre co-ordinates, size of area, valid IUCN category and valid designation category.



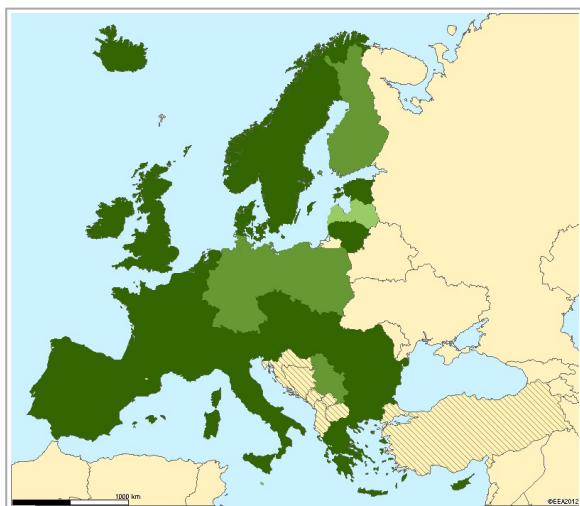
No data made available or less than 30 % of the nationally designated areas reported have the required attributes.

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

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

Note: IUCN stands for International Union for the Conservation of Nature and Natural Resources. The 2008 guidance document on IUCN categories is available at: <http://data.iucn.org/dbtw-wpd/edocs/PAPS-016.pdf>.

Data flow E-PRTR1: European Pollutant Release and Transfer Register







	25 countries with a score of 3 points: Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, France, Greece, Hungary, Iceland, Ireland, Italy, Liechtenstein, Lithuania, Netherlands, Norway, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, United Kingdom
	5 countries with a score of 2 points: Finland, Germany, Luxembourg, Poland, Serbia
	2 countries with a score of 1 point: Latvia, Malta
	No country in this category
	7 countries did not actively participate in this data flow: Albania, Bosnia and Herzegovina, Croatia, Former Yugoslav Republic of Macedonia, Kosovo under UNSCR 1244/99, Montenegro, Turkey

Detailed criteria for scoring

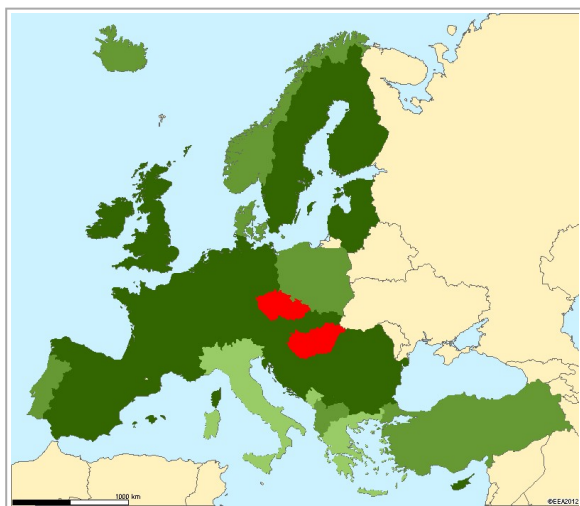
Main Change in 2012: E-PRTR becomes a full priority data flow ([see letter to Eionet](#)).




The criteria are based on the timeliness, use of requested reporting format and availability of assessment of completeness [in the template provided](#).

	E-PRTR data available in CDR by 31 March 2012 in the specified xml format accompanied by an assessment of completeness for the data delivered: Activities, substances, releases and/or transfers, list of facilities not yet included.
	E-PRTR data delivered in time (by 31 March 2012) in the specified xml format.
	E-PRTR data delivered but not satisfying criteria for timeliness or reporting format.
	No E-PRTR data delivered.
European datasets	European Pollutant Release and Transfer Register (E-PRTR) published through EEA data service . European Pollutant Release and Transfer Register (E-PRTR) viewer .
Related indicators	EEA core set of indicators :

Note: *Data delivery* has been defined as the first dataset released on CDR which has successfully passed the mandatory compliance checks.

Data flow EWN1: River quality



	25 countries with a score of 3 points: Austria, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Estonia, Finland, France, Germany, Ireland, Kosovo under UNSCR 1244/99, Latvia, Liechtenstein, Lithuania, Luxembourg, Netherlands, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, United Kingdom
	8 countries with a score of 2 points: Albania, Denmark, Former Yugoslav Republic of Macedonia, Iceland, Norway, Poland, Portugal, Turkey
	3 countries with a score of 1 point: Greece, Italy, Montenegro
	2 countries did not meet the minimum criteria: Czech Republic, Hungary
	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 focus on the provision of quality data for preferred SoE nutrients and physical characteristics of monitoring stations. Further criteria, important for achieving the maximum score, are the time-lines of the delivery, the provision of hazardous substances data, long time series of quality data for substances from the 5 preferred SoE nutrient groups: 1. BOD5/BOD7/Dissolved Organic Carbon, 2. Total Ammonium/Ammonium, 3. Total Phosphorus, 4. Orthophosphate, 5. Nitrate/Total Oxidised Nitrogen – and data on proxy pressures and the response of a country to data validation questions.



1. Reply to critical QA issues on previously reported data as specified in the 'Validation questions'; and
2. Timely data delivery to national repository and country feedback to reported data issues; and
3. Delivery of river monitoring stations with coordinates (if not delivered in the past years); and
4. Delivery of data for at least one substance from each of the 5 preferred SoE nutrient groups; and
- 5a. Delivery of hazardous substances data and especially from Preferred SoE Hazardous Substances list; or
- 5b. Delivery of proxy pressures data for all reported monitoring stations (if not delivered in past years), and available time series for preferred SoE nutrients data are long at least 5 years if continuous, or 10 years if broken.



1. Timely data delivery to national repository and country feedback to reported data issues; and
2. Delivery of river monitoring stations with coordinates (if not delivered in past years); and
3. Delivery of data for at least one substance from not less than 3 of the 5 preferred SoE nutrient groups.



- 1a. Delayed delivery under WISE-SoE data collection 2011 but data provided in requested format; or
- 1b. Timely data delivery, but provided data do not meet the above mentioned requirements for obtaining a higher score.



No data delivery under WISE-SoE data collection 2011, no communication, or data could not be processed because it was not delivered in a requested format or did not follow the basic quality criteria or was delivered after the data processing period.

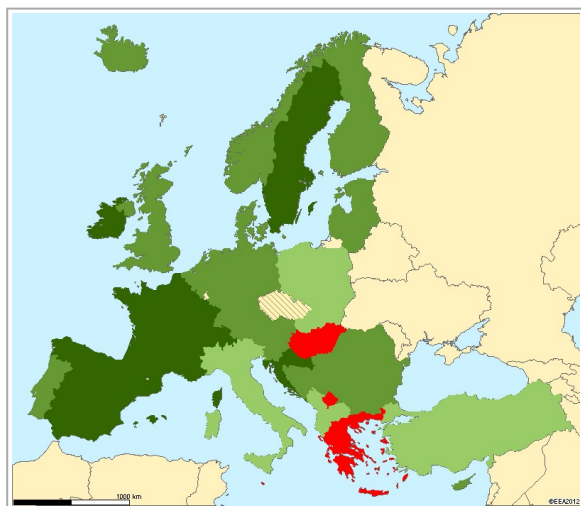
European datasets [Waterbase data](#) published through EEA data service

Related indicators [EEA core set of indicators](#):

- CSI 019 Oxygen consuming substances in rivers
- CSI 020 Nutrients in freshwater

Other [water indicators](#) on EEA website.





Data flow EWN2: Lake quality



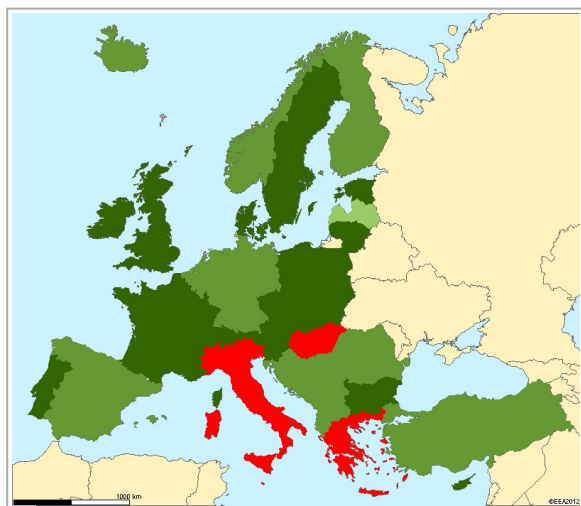
	6 countries with a score of 3 points: Croatia, France, Ireland, Spain, Sweden, Switzerland
	19 countries with a score of 2 points: Austria, Belgium, Bosnia and Herzegovina, Bulgaria, Cyprus, Denmark, Estonia, Finland, Germany, Iceland, Latvia, Lithuania, Netherlands, Norway, Portugal, Romania, Serbia, Slovenia, United Kingdom
	7 countries with a score of 1 point: Albania, Former Yugoslav Republic of Macedonia, Italy, Montenegro, Poland, Slovakia, Turkey
	4 countries did not meet the minimum criteria: Greece, Hungary, Kosovo under UNSCR 1244/99, Malta
	This data flow is not applicable (N/A) to 3 countries: Czech Republic, Liechtenstein, Luxembourg

Detailed criteria for scoring

Scoring criteria are based on data deliveries for the current year and focus on the provision of quality data for preferred SoE nutrients and physical characteristics of monitoring stations. Further criteria, important for achieving the maximum score, are the time-lines of the delivery, the provision of hazardous substances data, long time series of quality data for substances from the 5 preferred SoE nutrient groups: 1. BOD5/BOD7/Dissolved Organic Carbon, 2. Total Ammonium/Ammonium, 3. Total Phosphorus, 4. Orthophosphate, 5. Nitrate/Total Oxidised Nitrogen – and data on proxy pressures and the response of a country to data validation questions.

	<ol style="list-style-type: none"> 1. Reply to critical QA issues on previously reported data as specified in the 'Validation questions'; and 2. Timely data delivery to national repository and country feedback to reported data issues; and 3. Delivery of lake monitoring stations with coordinates (if not delivered in the past years); and 4. Delivery of data for at least one substance from each of the 5 preferred SoE nutrient groups; and 5a. Delivery of hazardous substances data and especially from Preferred SoE Hazardous Substances list; or 5b. Delivery of proxy pressures data for all reported monitoring stations (if not delivered in past years), and available time series for preferred SoE nutrients data are long at least 5 years if continuous, or 10 years if broken.
	<ol style="list-style-type: none"> 1. Timely data delivery to national repository and country feedback to reported data issues; and 2. Delivery of lake monitoring stations with coordinates (if not delivered in past years); and 3. Delivery of data for at least one substance from not less than 3 of the 5 preferred SoE nutrient groups.
	<ol style="list-style-type: none"> 1a. Delayed delivery under WISE-SoE data collection 2011 but data provided in requested format; or 1b. Timely data delivery, but provided data do not meet the above mentioned requirements for obtaining a higher score.
	No data delivery under WISE-SoE data collection 2011, no communication, or data could not be processed because it was not delivered in a requested format or did not follow the basic quality criteria or was delivered after the data processing period.
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.

Data flow EWN3: Groundwater quality



18 countries with a score of 3 points: Austria, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, France, Ireland, Liechtenstein, Lithuania, Luxembourg, Poland, Portugal, Slovakia, Slovenia, Sweden, Switzerland, United Kingdom

16 countries with a score of 2 points: Albania, Belgium, Bosnia and Herzegovina, Croatia, Finland, Former Yugoslav Republic of Macedonia, Germany, Iceland, Kosovo under UNSCR 1244/99, Montenegro, Netherlands, Norway, Romania, Serbia, Spain, Turkey

1 country with a score of 1 point: Latvia

4 countries did not meet the minimum criteria: Greece, Hungary, Italy, Malta

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 [Document No.3: WFD reporting on River Basin Management Plans: Guidance on reporting spatial data v3.0](#) and [Guidance No 22 - Updated WISE GIS guidance \(Nov. 2008\)](#).

Important for achieving the maximum score are the provision of preferably disaggregated data of the 5 requested chemical substances – Ammonium, Nitrates, Nitrites, Dissolved Oxygen and priority pesticides from Preferred SoE Hazardous Substances (Lindane, Simazine, Atrazine) – and provision of GIS polygon data of groundwater bodies, provision of monitoring stations with coordinates and their link to groundwater bodies (if not delivered in past years). Link to WFD Art. 5 groundwater bodies is mandatory for EU countries.

Data flow EWN3: Groundwater quality (continued)



1. Reply to critical QA issues on previously reported data as specified in the 'Validation questions'; and
2. Timely data delivery to national repository and country feedback to reported data issues; and
3. At least 3 of the 5 requested chemical substances data reported in disaggregated structure; and
4. Monitoring stations with coordinates and their link to groundwater bodies (if not delivered in past years); and
5. GIS polygon data of groundwater bodies including the most important attribute fields mentioned in the methodology for GW body characteristics and the pressure table in the Data Dictionary (if not delivered up to now within WISE SoE reporting or WFD reporting).



1. Timely data delivery to the national repository and country feedback to reported data issues; and
2. At least 2 of the 5 requested chemical substances data; and
- 3a. If disaggregated data are reported, monitoring stations with coordinates and groundwater bodies including the most important attribute fields mentioned in the methodology for GW bodies table (if not delivered in the past years); or
- 3b. If aggregated data are reported, groundwater bodies including the most important attribute fields mentioned in the methodology for the GW bodies table (aggregated data), (if not delivered in past years).



- 1a. Quality data for at least 1 out of the 5 requested chemical substances; or
- 1b. GIS polygon data of groundwater bodies (if not delivered in past years); or
- 1c. Groundwater monitoring stations (sampling sites) with coordinates (if not delivered in past years).

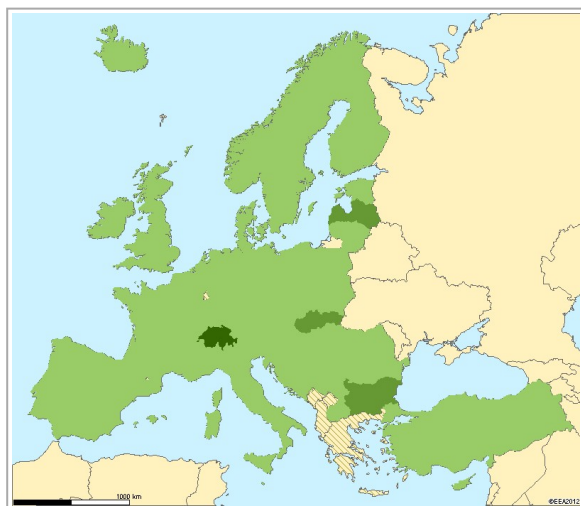







No data delivery under WISE-SoE data collection 2011, no communication; or data could not be processed because it was not delivered in a requested format or did not follow the basic quality criteria or was delivered after the data processing period.

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.

Data flow EWN4: Water quantity



	1 country with a score of 3 points: Switzerland
	3 countries with a score of 2 points: Bulgaria, Latvia, Slovakia
	30 countries with a score of 1 point: Austria, Belgium, Bosnia and Herzegovina, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Hungary, Iceland, Ireland, Italy, Liechtenstein, Lithuania, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovenia, Spain, Sweden, Turkey, United Kingdom
	No country in this category
	5 countries did not actively participate in this data flow: Albania, Greece, Kosovo under UNSCR 1244/99, Luxembourg, Montenegro

Detailed criteria for scoring

Scoring criteria are based on data deliveries for the current year. In order to receive a higher positive score (3 or 2 points) countries need to fulfil at least 2 requested *minimum requirement* criteria: criterion 1 plus one of the criteria 2 (2a, 2b or 2c) regarding the assessment of the reporting of regional parameters and point data.

- Regional parameters are the parameters for the regional requested data (water balance, water abstraction, water use).

- Point data are the individual measurements requested for stream flow, reservoir inflow / outflow, and groundwater level. All 4 sub-criteria need to be fulfilled to receive higher score for point data. The sub-criterion on available stations refers to a representative selection made by the country per RBD (river basin district) or SU (sub-unit) with reference to the reporting sheets for SoE data and information (Part 3, section 2) in the [guidance document](#). It is understood that some of the point data may not be available for reporting due to force-majeure (i.e. security purposes for reservoirs) and in such cases (when stated in the comments field) this will be considered accordingly.

Data flow EWN4: Water quantity (continued)



1. Timely data delivery to the national repository in the requested format, reported both regional and point parameters, country feedback to reported data issues; and
2a. 45 regional parameters reported at RBD or SU scale for 75 % of the RBDs or SUs of the country, 50 % in monthly scale; or
2b. Point data for 75 % of the RBDs or SUs reported as follows:
– 50 % of the available streamflow stations located in the RBD (or SU), 50 % of the time series in daily scale, the remaining in monthly scale
– 30 % of the available groundwater wells located in the RBD (or SU), 50 % of the time series in monthly scale, the remaining in seasonal or annual scale
– follows 70 % of the available reservoirs located in the RBD (or SU), 50 % of the time series in monthly scale, the remaining in annual scale
– total number of all available streamflow stations, groundwater wells and reservoirs located in the RBD (or SU), and reporting of their characteristic data (name, ID, coordinates etc. as included in the WQ reporting tool) for at least 75 % of them



1. Timely data delivery to the national repository in the requested format, reported both regional and point parameters, country feedback to reported data issues; and
2a. 15 regional parameters reported at RBD or SU scale for 40 % of the RBDs or SUs of the country, 50 % in monthly scale; or
2b. 45 regional parameters reported at country level in monthly (preferable) or annual scale; or
2c. Point data for 40 % of the RBDs or SUs reported as follows:
– 25 % of the available streamflow stations located in the RBD (or SU), 50 % of the time series in daily scale, the remaining in monthly scale
– 15 % of the available groundwater wells located in the RBD (or SU), 50 % of the time series in monthly scale, the remaining in seasonal or annual scale
– 35 % of the available reservoirs located in the RBD (or SU), 50 % of the time series in monthly scale, the remaining in annual scale
– total number of all available streamflow stations, groundwater wells and reservoirs located in the RBD (or SU), and reporting of their characteristic data (name, ID, coordinates etc. as included in the WQ reporting tool) for at least 40 % of them



1a. Delayed data delivery under WISE-SoE data collection 2011; or
1b. Timely delivery, but the delivered data are not meeting the above mentioned requirements for obtaining a higher score; or
1c. Relevant Water Quantity data reported via the Eurostat/OECD Joint Questionnaire on Inland Waters (Tables 1, 1aIF, 1aOF, 2.1, 2.2, 3.1, 3.2, Summary Table and 7)



No data delivery under WISE-SoE data collection 2011, no communication.

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

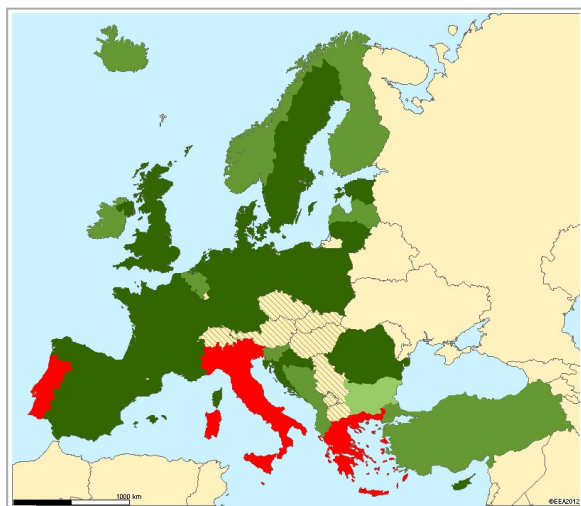
Related indicators [EEA core set of indicators](#):

- CSI 018 Use of freshwater resources
- WEI Water Exploitation Index

Other [water indicators](#) on EEA website.

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





Data flow ME1: Marine data



	13 countries with a score of 3 points: Croatia, Cyprus, Denmark, Estonia, France, Germany, Lithuania, Netherlands, Poland, Romania, Spain, Sweden, United Kingdom
	11 countries with a score of 2 points: Albania, Belgium, Bosnia and Herzegovina, Finland, Iceland, Ireland, Latvia, Montenegro, Norway, Slovenia, Turkey
	1 country with a score of 1 point: Bulgaria
	4 countries did not meet the minimum criteria: Greece, Italy, Malta, Portugal
	This data flow is not applicable (N/A) to 10 countries: Austria, Czech Republic, Former Yugoslav Republic of Macedonia, Hungary, Kosovo under UNSCR 1244/99, 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. These data will be requested directly from the Marine Conventions. Countries are asked to submit only missing or additional data.

	<ol style="list-style-type: none"> 1. Reply to critical QA issues on previously reported data as specified in the 'Validation questions'; and 2. Timely data delivery under WISE SoE collection or to Marine Conventions in 2011; and 3. At least three items out of the following list have been provided and including the 2 items that support the marine CSI (hazardous substances in biota and nutrients/chlorophyll in seawater): <ul style="list-style-type: none"> • 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
	<ol style="list-style-type: none"> 1. Timely data delivery under WISE SoE collection or to Marine Conventions in 2011; and 2. Data provided in the requested format and including 1 item that supports the marine CSI (hazardous substances in biota or nutrients/chlorophyll in seawater).
	<ol style="list-style-type: none"> 1a. Delayed data delivery under WISE SoE collection or to Marine Conventions in 2011, but data provided in the requested format; or 1b. Timely data delivery that could not be processed before the data processing deadline (20/12/2011) because it was not delivered in a requested format or data do not follow the basic quality criteria (even after potential corrections from the data provider).
	<ol style="list-style-type: none"> 1. No data delivery under WISE SoE collection or to Marine Conventions in 2011, no communication, or 2. Delayed data delivery that could not be processed because data was not delivered in a requested format or data do not follow basic quality criteria (even after potential corrections from the data submitter).

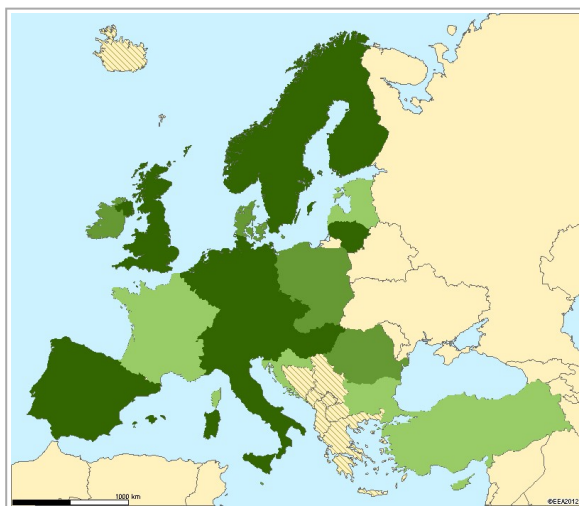
European datasets [Waterbase data](#) published through EEA data service

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.

Data flow NRT03: Near real-time ozone data



- 18 countries with a score of 3 points: Austria, Belgium, Czech Republic, Finland, Germany, Hungary, Italy, Liechtenstein, Lithuania, Luxembourg, Netherlands, Norway, Portugal, Slovenia, Spain, Sweden, Switzerland, United Kingdom

- 6 countries with a score of 2 points: Denmark, Ireland, Malta, Poland, Romania, Slovakia

- 7 countries with a score of 1 point: Bulgaria, Croatia, Cyprus, Estonia, France, Latvia, Turkey

- No country in this category

- 8 countries did not actively participate in this data flow: Albania, Bosnia and Herzegovina, Former Yugoslav Republic of Macedonia, Greece, Iceland, Kosovo under UNSCR 1244/99, Montenegro, Serbia

Detailed criteria for scoring

Scoring is based on provision of near real-time ozone data to EEA during the summer ozone season from April 1 to September 30 of the current year. The scoring criteria relate to participation in the near real-time data exchange, density of data provision and reliability. The reliability requirement thresholds have been raised from the thresholds applied in 2007 as data suppliers now have more experience with this data flow.



The number of active ozone measurement stations signed up in a country provide an overall statistical data coverage of 1/10000 km². In addition, the overall reliability of the stations should be greater than 80 % in the ozone season.



The number of active ozone measurement stations signed up in a country provide an overall statistical data coverage of 1/10000 km². In addition, the overall reliability of the stations should be greater than 60 % 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 active ozone measurement stations with EoI codes.

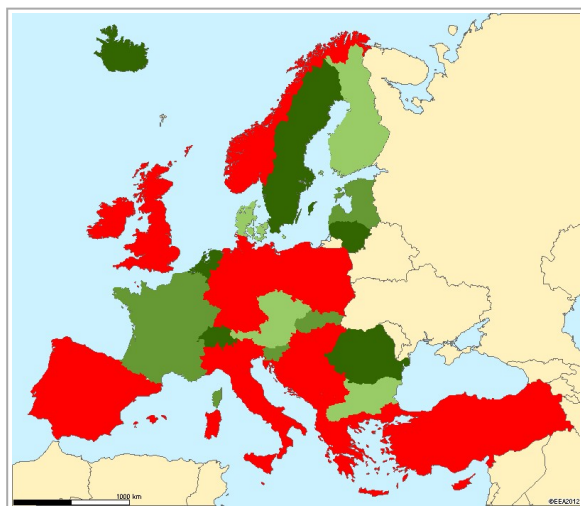


Criteria not applied for this data flow.

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.

Data flow WISE1: Emissions to water



-
- 6 countries with a score of 3 points: Iceland, Lithuania, Netherlands, Romania, Sweden, Switzerland
-
- 6 countries with a score of 2 points: Belgium, Estonia, France, Latvia, Slovakia, Slovenia
-
- 6 countries with a score of 1 point: Austria, Bulgaria, Czech Republic, Denmark, Finland, Former Yugoslav Republic of Macedonia
-
- 21 countries did not meet the minimum criteria: Albania, Bosnia and Herzegovina, Croatia, Cyprus, Germany, Greece, Hungary, Ireland, Italy, Kosovo under UNSCR 1244/99, Liechtenstein, Luxembourg, Malta, Montenegro, Norway, Poland, Portugal, Serbia, Spain, Turkey, United Kingdom
-

Detailed criteria for scoring

Scoring criteria are based on data deliveries for the current year and the provision of data for a variety of sources and determinands. Important for achieving the maximum score is the provision of a more detailed source of emission data (if not delivered in past years).

If emission data have already been provided under E-PRTR, UWWTD, WFD or SoE Quantity reporting obligations and are flagged as such in the SoE emission reporting, then 1 or 2 points will be scored (1 if point source emissions data are provided via another reporting source, and flagged, 2 if point and diffuse are provided, and flagged.) It is not possible to attain 3 score points simply through flagging other reporting streams which cover only part of the total emissions requested. However, the flagging of data under other reporting streams will ensure at least one point is scored.

Reported information "no change with regard to previous delivery" is accepted for diffuse emissions for 5 following years maximum and for point sources for 2 following years maximum; identical scoring criteria will be granted for the whole period.

Data flow WISE1: Emissions to water (continued)



1. Reply to critical QA issues on previously reported data as specified in the 'Validation questions'; and
2. Timely data delivery to the repository and country feedback to reported data issues; and
3. At least 2 determinands for Nutrients and Organic Matter Emission Discharges from Point Sources; and
4. At least 2 determinands for Nutrients and Organic Matter Emission Discharges from Diffuse Sources (if not delivered in past years); and
5. At least 1 determinand for Hazardous substances Emission Discharges from Point Sources; and
- 6a. Emission values for Nutrients and Organic Matter Emission Discharges from Point Sources split at least for Urban and Industrial discharges; or
- 6b. Emission values for Hazardous Substances Emission Discharges from Point Sources split at least for E-PRTR facilities and non E-PRTR facilities (for EU members only).



1. Timely data delivery to repository and country feedback to reported data issues; and
2. At least 2 determinands for Nutrients and Organic Matter Emission Discharges from Point Sources; and
3. At least 2 determinands for Nutrients and Organic Matter Emission Discharges from Diffuse Sources (if not delivered in past years); and
4. At least 1 determinand for Hazardous substances Emission Discharges from Point Sources.



- 1a. 1 determinand for Nutrients and Organic Matter Emission Discharges from Point Sources; or
- 1b. 1 determinand for Hazardous substances Emission Discharges from Point Sources; or
- 1c. 1 determinand for Nutrients and Organic Matter Emission Discharges from Diffuse Sources (if not delivered in past years).













No data delivery under WISE-SoE data collection 2011, no communication or unusable data delivery.

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

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 Data flow analysis for Albania

Data flow name	Progress 2011–2012	Remark
AE1: LRTAP data		No information available in CDR on 15 May 2012.
AE1b: NEC data	N/A	Data flow is relevant for EU MS countries only.
AE2: UNFCCC data		No information available in CDR (15 May 2012).
AE2b: EU GHG data	N/A	Data flow is relevant for EU MS countries only.
AQ1: EoI data		Data delivered on time. Data on particulate matter available for 2010. More than 50 % active stations monitoring PM ₁₀ plus some monitoring of smaller particulates. Response to feedback report not provided in CDR by 25 January 2012.
AQ2: Air quality questionnaire	N/A	Participation in the 2011 data flow is voluntary for countries which are not EU Member States.
AQ2b: Monthly and summer ozone data		Five monthly reports provided on time in CDR but no information in CDR for May 2011. Summer report delivered on time. EoI codes not provided.
CDDA1: Designated areas		No updated data delivery, or confirmation of draft provided by EEA, available in CDR by 1 May 2012.
E-PRTR1: European Pollutant Release and Transfer Register	N/A	Country did not participate in this data flow.
EWN1: River quality		Data delivered on time, but not in the requested format (old template, errors). No feedback to reported issues. Monitoring stations with coordinates provided. Data for the 5 preferred SoE nutrient groups delivered. Some hazardous substances data delivered. Proxy pressures data not provided for all stations. Long time series on nutrients available.
EWN2: Lake quality		Data delivered on time, but not in the requested format. No feedback to reported issues. Monitoring stations with coordinates provided. Data for 4 of the 5 preferred SoE nutrient groups delivered. Hazardous substances data not delivered. Proxy pressures data provided. Longer time series on nutrients available. No reply to critical QA issues on previously reported data.
EWN3: Groundwater quality		Data delivered on time and in the requested format. Data for 3 of the 5 requested chemical substances provided, all in disaggregated form. Monitoring sites with coordinates and links to GW bodies provided. List of GW bodies with most important attribute data provided. GIS data missing.
EWN4: Water quantity ⁽¹⁾	N/A	Country did not participate in this data flow.
ME1: Marine data		Data delivered on time. Data provided on: nutrients in seawater, direct discharge and station characteristics.
NRTO3: Near real-time ozone data ⁽¹⁾	N/A	Country did not participate in this data flow.
WISE1: Emissions to water ⁽¹⁾		No data delivery under WISE-SoE data collection 2011.

⁽¹⁾ The scores are provided for information only.

Table 2.2 Data flow analysis for Austria
















Data flow name	Progress 2011–2012	Remark
AE1: LRTAP data		Delivery on time in CDR. Requested length of time series provided for criteria pollutants. LRTAP/EMEP emission inventory status report also provided.
AE1b: NEC data		Full time series from 1990–2010 delivered on time in CDR. Requested format used. National inventory report provided.
AE2: UNFCCC data		Complete time series on time in CDR. National inventory report provided. CRF XML format provided but in zip file so automatic QA cannot run. Public access to the files has been restricted.
AE2b: EU GHG data		Full time series (1990–2010) 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 2010. More than 50 % active stations monitoring PM ₁₀ plus monitoring of smaller particulates. Data provided for 4 th Daughter Directive pollutants. Historical data provided. Response to feedback report provided in CDR.
AQ2: Air quality questionnaire		Questionnaire delivered on time in CDR. Forms 8 and 9 contain information on whether 2010 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. Information provided for 4 th Daughter Directive. EoI codes provided in Forms 3 and 4 for stations used in the assessment. Station type provided in Form 4. Declaration provided that boundary information has not changed from previous year.
AQ2b: Monthly and summer ozone data		All monthly reports provided on time in CDR. Full summer report delivered on time. Requested metadata provided.
CDDA1: Designated areas		Delivery on time in CDR. 1202 sites reported. All sites have information on designation, IUCN category and size. Coordinates are provided for more than 99 % of sites (1198). Boundaries are reported for all sites with tabular data.
E-PRTR1: European Pollutant Release and Transfer Register		Data delivery on time to CDR. Data in specified xml format. Completeness report not available.

Table 2.2 Data flow analysis for Austria (continued)

Data flow name	Progress 2011–2012	Remark
EWN1: River quality		Data delivered on time and in the requested format. Monitoring stations with coordinates provided. Data for the 5 preferred SoE nutrient groups delivered. Hazardous substances data delivered. Proxy pressures data not provided for all stations. Long time series on nutrients available.
EWN2: Lake quality		Data delivered on time and in the requested format. Monitoring stations with coordinates provided. Data for the 5 preferred SoE nutrient groups delivered. Hazardous substances data not delivered. Proxy pressures data not provided. Long time series on nutrients available. Reply to critical QA issues on previously reported data received.
EWN3: Groundwater quality		Data delivered on time and in the requested format. Data for all 5 requested chemical substances provided, all in disaggregated form. Monitoring sites with coordinates and links to GW bodies provided. GIS data for GW bodies and list of GW bodies with most important attributes and pressure data provided.
EWN4: Water quantity ⁽¹⁾		Data delivered on time. Reported both regional and point data. Reported: only 1 regional parameter at SU level for all (8) SU of which 100 % in monthly scale. Reported point data for 100 % of SUs, 4 % of the available streamflow stations of which 100 % of time series in daily scale, 3 % of the available groundwater wells of which 100 % of time series in monthly scale. Time series for reservoirs not reported.
ME1: Marine data	N/A	Country does not have a coastline.
NRTO3: Near real-time ozone data ⁽¹⁾		Satisfactory spatial coverage of active stations and highly reliable data provision (93%) during the ozone season.
WISE1: Emissions to water ⁽¹⁾		Explanation provided, that no major changes occurred, but new system has been established in Austria. Next reporting will take place in 2012. Data on 2 nutrient determinands from diffuse sources reported in past years.

⁽¹⁾ The scores are provided for information only.

Table 2.3 Data flow analysis for Belgium




























Data flow name	Progress 2011–2012	Remark
AE1: LRTAP data		Delivery on time in CDR. Requested length of time series provided for criteria pollutants. LRTAP/EMEP emission inventory status report also provided.
AE1b: NEC data		Inventory delivered on time for years 1990,2000,2005–2010. Requested format used. National inventory report not provided.
AE2: UNFCCC data		Complete time series on time in CDR as delivered for the EU monitoring mechanism. National inventory report provided. Response to UNFCCC review provided. CRF XML format provided.
AE2b: EU GHG data		Full time series (1990–2010) delivered on time in CDR for all gases in the criteria. CRF XML format provided. National inventory report has been provided.
AQ1: EoI data		Data delivered on time. Data on particulate matter available for 2010. More than 50 % active stations monitoring PM ₁₀ plus monitoring of smaller particulates. Data provided for 4 th Daughter Directive pollutants. Historical data provided. Response to feedback report has been provided in CDR.
AQ2: Air quality questionnaire		Questionnaire delivered on time in CDR. Forms 8 and 9 contain information on whether 2010 pollutant levels exceeded or did not exceed the values specified in the air quality legislation for the 22 zones and agglomerations listed in Form 2. Information provided for 4 th Daughter Directive. 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 now provided as GIS files.
AQ2b: Monthly and summer ozone data		All monthly reports for 2011 provided on time to CDR. Full summer report delivered on time. Requested metadata provided.
CDDA1: Designated areas		Data delivered on time: 1897 sites provided (major revision of inventory since previous version). All sites have information on site designation and IUCN category. Size information is available for 95 % of the reported sites. Boundaries have been reported for 1493 sites (79%). Request for coordinates to be calculated centrally for sites where information available.
E-PRTR1: European Pollutant Release and Transfer Register		Data delivery on time to CDR. Data in specified xml format. Completeness report available.

Table 2.3 Data flow analysis for Belgium (continued)

Data flow name	Progress 2011–2012	Remark
EWN1: River quality		Data delivered on time and in the requested format. Feedback to reported issues provided. Monitoring stations with coordinates provided. Data for the 5 preferred SoE nutrient groups delivered. Hazardous substances data delivered. Proxy pressures data not provided for all stations. Long time series on nutrients available.
EWN2: Lake quality		Data delivered on time and in the requested format but only for Flemish region. Monitoring stations with coordinates provided. Data for the 5 preferred SoE nutrient groups delivered. Hazardous substances data delivered. Proxy pressures data not provided. Long time series on nutrients available. Reply to critical QA issues on previously reported data received.
EWN3: Groundwater quality		Data from the Walloon region delivered on time, for Flemish region with one month delay. Delivery in the requested format. Data for all 5 requested chemical substances provided but only 2 in disaggregated form. Monitoring sites with coordinates and links to GW bodies provided. GIS data for GW bodies and list of GW bodies with most important attributes and pressure data provided.
EWN4: Water quantity ⁽¹⁾		Data delivered on time. Reported both regional and point data. Reported: 57 regional parameters at RBD level for 25 % of RBDs of which 50 % in monthly scale. Reported point data for 25 % of RBDs, 19 % of the available streamflow stations of which 98 % of time series in daily scale, 50 % of the available groundwater wells of which 100 % of time series in monthly scale. Time series for reservoirs not reported. Wallonia region did not report on the requested format.
ME1: Marine data		Data delivered on time. Data provided on: hazardous substances in sediment and seawater, nutrients in seawater and station characteristics.
NRTO3: Near real-time ozone data ⁽¹⁾		Satisfactory spatial coverage of active stations and highly reliable data provision (97%) during the ozone season.
WISE1: Emissions to water ⁽¹⁾		Data delivered with a delay (5 Dec 2011). Nutrients and organic matter emission discharges provided for 2 determinands from diffuse sources and 6 determinands from point sources that are split for urban and Industrial discharges. Hazardous substances emission discharges provided for 35 determinands from point sources that are split for E-PRTR facilities and non E-PRTR facilities. Data on hazardous substance determinands from diffuse sources only redelivered.

⁽¹⁾ The scores are provided for information only.

Table 2.4 Data flow analysis for Bosnia and Herzegovina

Data flow name	Progress 2011–2012	Remark
AE1: LRTAP data		No information available in CDR on 15 May 2012.
AE1b: NEC data	N/A	Data flow is relevant for EU MS countries only.
AE2: UNFCCC data		No information available in CDR (15 May 2012).
AE2b: EU GHG data	N/A	Data flow is relevant for EU MS countries only.
AQ1: EoI data		Data delivered on time. Data on particulate matter available for 2010. Response to feedback report has been provided but not in CDR.
AQ2: Air quality questionnaire	N/A	Participation in the 2011 data flow is voluntary for countries which are not EU Member States.
AQ2b: Monthly and summer ozone data		Five monthly reports provided on time in CDR but no information in CDR for August 2011. Summer report delivered on time. Requested metadata provided.
CDDA1: Designated areas		No updated data delivery, or confirmation of draft provided by EEA, available in CDR by 1 May 2012.
E-PRTR1: European Pollutant Release and Transfer Register	N/A	Country did not participate in this data flow.
EWN1: River quality		Data delivered on time, but not in the requested format. Monitoring stations with coordinates provided. Data for the 5 preferred SoE nutrient groups delivered. Hazardous substances data delivered. Proxy pressures data not provided. Long time series on nutrients available.
EWN2: Lake quality		Data delivered on time and in the requested format. Monitoring stations with coordinates provided. Data for the 5 preferred SoE nutrient groups delivered. Hazardous substances data delivered. Proxy pressures data not provided. Long time series on nutrients available. No reply to critical QA issues on previously reported data.
EWN3: Groundwater quality		Data delivered on time and in the requested format. Data for 3 of 5 requested chemical substances provided, all in disaggregated form. Monitoring sites reported in 2010 are missing coordinates. Since GW bodies are not delineated at national level up to now, municipalities are used as spatial unit to which stations are assigned (temporary solution). GIS data missing. No reply to critical QA issues on previously reported data.
EWN4: Water quantity ⁽¹⁾		Reported data relevant to Water Quantity in Eurostat/OECD JQ 2010.
ME1: Marine data		Data delivered on time. Data provided on: nutrients in seawater, riverine inputs and station characteristics.
NRTO3: Near real-time ozone data ⁽¹⁾	N/A	Country did not participate in this data flow.
WISE1: Emissions to water ⁽¹⁾		No data delivery under WISE-SoE data collection 2011.

⁽¹⁾ The scores are provided for information only.

Table 2.5 Data flow analysis for Bulgaria





























Data flow name	Progress 2011–2012	Remark
AE1: LRTAP data		Delivery on time in CDR. Requested length of time series provided for criteria pollutants. LRTAP/EMEP emission inventory status report also provided.
AE1b: NEC data		Inventory delivered on time for years 2009–2010. Projections provided for 2010, 2015 and 2020. Requested format used. National inventory report not provided.
AE2: UNFCCC data		Complete time series on time in CDR. National inventory report provided. CRF XML format provided but in zip file so automatic QA cannot run.
AE2b: EU GHG data		Full time series (1988–2010) delivered on time in CDR for all gases in the criteria. CRF XML format provided. National inventory report has been provided.
AQ1: EoI data		Data delivered on time. Data on particulate matter available for 2010. More than 50 % active stations monitoring PM ₁₀ plus some monitoring of smaller particulates. Data provided for 4 th Daughter Directive pollutants. Response to feedback report has been provided in CDR.
AQ2: Air quality questionnaire		Questionnaire delivered on time in CDR. Forms 8 and 9 contain information on whether 2010 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. Information provided for 4 th Daughter Directive. EoI codes provided in Forms 3 and 4 for stations used in the assessment. Station type provided in Form 4. No declaration provided as to whether boundary information has changed from previous year.
AQ2b: Monthly and summer ozone data		All monthly reports for 2011 provided on time in CDR. Full summer report delivered on time. Requested metadata provided.
CDDA1: Designated areas		Delivery on time: 1003 sites. All sites have information on designation, size, coordinates and valid IUCN categories. Boundaries have been reported for all of the sites.
E-PRTR1: European Pollutant Release and Transfer Register		Data delivery on time to CDR. Data in specified xml format. Completeness report available.

Table 2.5 Data flow analysis for Bulgaria (continued)

Data flow name	Progress 2011–2012	Remark
EWN1: River quality		Data delivered on time and in the requested format. Feedback to reported issues provided. Monitoring stations with coordinates provided. Data for the 5 preferred SoE nutrient groups delivered. Hazardous substances data delivered. Proxy pressures data not provided. Some long time series on nutrients available.
EWN2: Lake quality		Data delivered on time and in the requested format. Monitoring stations with coordinates provided. Data for the 5 preferred SoE nutrient groups delivered. Hazardous substances data delivered. Proxy pressures data provided. Long time series on nutrients available. No reply to critical QA issues on previously reported data.
EWN3: Groundwater quality		Data delivered on time and in the requested format. Data for all 5 requested chemical substances provided, all in disaggregated form. Monitoring sites with coordinates and links to GW bodies provided. GIS data for GW bodies and list of GW bodies with most important attributes and pressure data provided. Reply to critical QA issues on previously reported data received.
EWN4: Water quantity ⁽¹⁾		Data delivered on time. Reported both regional and point data. Reported: 14 regional parameters at RBD level for 100 % of RBDs of which 50 % in monthly scale. Reported point data for 100 % of RBDs, 50 % of the available streamflow stations of which 10 % of time series in daily scale, 75 % of the available groundwater wells of which 100 % of time series in monthly scale and 50 % of the available reservoirs of which 100 % in monthly scale. Reported characteristics for >75 % of all stations.
ME1: Marine data		Data delivered on time. Data provided on: direct discharge.
NRTO3: Near real-time ozone data ⁽¹⁾		Highly reliable data provision (94%) during the ozone season but only seven stations are reporting so spatial coverage remains low.
WISE1: Emissions to water ⁽¹⁾		Data delivered on time. Nutrients and organic matter emission discharges not provided for determinands from diffuse sources and for 3 determinands from point sources that are not split between urban and Industrial discharges. Hazardous substances emission discharges provided for 7 determinands from point sources that are split for E-PRTR facilities and non E-PRTR facilities. Problematic localization - unknown spatial units provided.

⁽¹⁾ The scores are provided for information only.

Table 2.6 Data flow analysis for Croatia

Data flow name	Progress 2011–2012	Remark
AE1: LRTAP data		Delivery on time in CDR. Partial time series provided for criteria pollutants. LRTAP/EMEP emission inventory status report also provided.
AE1b: NEC data	N/A	Data flow is relevant for EU MS countries only.
AE2: UNFCCC data		Complete time series on time in CDR. National inventory report provided. CRF XML format provided. Delivery on time to UNFCCC.
AE2b: EU GHG data	N/A	Data flow is relevant for EU MS countries only.
AQ1: EoI data		Data delivered on time. Data on particulate matter available for 2010. More than 50 % active stations monitoring PM ₁₀ . No data provided for 4 th Daughter Directive pollutants. Response to feedback report available in CDR.
AQ2: Air quality questionnaire	N/A	Participation in the 2011 data flow is voluntary for countries which are not EU Member States.
AQ2b: Monthly and summer ozone data		Five monthly reports provided on time in CDR but no information in CDR for May 2011. Summer report delivered on time. Requested metadata provided.
CDDA1: Designated areas		Delivery on time: 433 sites reported. All sites have information on IUCN category and site designation. Size has been reported for all sites except those under the designations 'Natural Monument' and 'Horticultural Monument'. Coordinates will be calculated centrally for all sites. Boundaries have been reported for all sites.
E-PRTR1: European Pollutant Release and Transfer Register	N/A	Country did not participate in this data flow.
EWN1: River quality		Data delivered on time and in the requested format. Monitoring stations with coordinates provided. Data for the 5 preferred SoE nutrient groups delivered. Hazardous substances data delivered. Proxy pressures data not provided. Long time series on nutrients available.
EWN2: Lake quality		Data delivered on time and in the requested format. Monitoring stations with coordinates provided. Data for the 5 preferred SoE nutrient groups delivered. Hazardous substances data delivered. Proxy pressures data not provided. Long time series on nutrients available. Reply to critical QA issues on previously reported data received.
EWN3: Groundwater quality		Data delivered on time and in the requested format. Data for all 5 requested chemical substances provided, all in disaggregated form. Coordinates of monitoring sites not reported because access to this information is restricted for security. List of GW bodies with most important attributes data provided. GIS data missing.
EWN4: Water quantity ⁽¹⁾		Data delivered on time. Reported only point data. Did not report the total number of available stations.
ME1: Marine data		Data delivered on time. Data provided on: hazardous substances in biota and sediment, nutrients in seawater, riverine inputs and station characteristics.
NRT03: Near real-time ozone data ⁽¹⁾		Croatia participated for the first time in this data flow during the 2011 ozone season so station coverage and reliability of data provision are still low.
WISE1: Emissions to water ⁽¹⁾		No data delivery under WISE-SoE data collection 2011.

⁽¹⁾ The scores are provided for information only.

Table 2.7 Data flow analysis for Cyprus































Data flow name	Progress 2011–2012	Remark
AE1: LRTAP data		Delivery on time in CDR. Requested length of time series provided for criteria pollutants. LRTAP/EMEP emission inventory status report also provided.
AE1b: NEC data		Inventory delivered on time for years 2009–2010. Projections provided for 2010. Delivery not in correct format. National inventory report not provided.
AE2: UNFCCC data		Complete time series on time in CDR as delivered for EU monitoring mechanism. National inventory report provided. CRF XML format provided.
AE2b: EU GHG data		Full time series (1990–2010) delivered on time in CDR for all gases in the criteria. CRF XML format provided. National inventory report has been provided.
AQ1: EoI data		Data delivered on time. Data on particulate matter available for 2010 including monitoring of smaller particulates. Data provided for 4 th Daughter Directive pollutants. Response to feedback report has been provided in CDR.
AQ2: Air quality questionnaire		Questionnaire delivered on time in CDR. Forms 8 and 9 contain information on whether 2010 pollutant levels exceeded or did not exceed the values specified in the air quality legislation for the agglomeration listed in Form 2. Information provided for 4 th Daughter Directive pollutants. 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 again covers whole national territory.
AQ2b: Monthly and summer ozone data		All monthly reports for 2011 provided on time in CDR. Full summer report delivered on time. Requested metadata provided.
CDDA1: Designated areas		No updated data delivery, or confirmation of draft provided by EEA, available in CDR by 1 May 2012.
E-PRTR1: European Pollutant Release and Transfer Register		Data delivery on time to CDR. Data in specified xml format. Completeness report available.

Table 2.7 Data flow analysis for Cyprus (continued)

Data flow name	Progress 2011–2012	Remark
EWN1: River quality		Data delivered on time and in the requested format. Monitoring stations with coordinates provided. Data for the 5 preferred SoE nutrient groups delivered. Hazardous substances data delivered. Proxy pressures data provided. Short time series on nutrients available.
EWN2: Lake quality		Data delivered on time and in the requested format. Monitoring stations with coordinates provided. Data for the 5 preferred SoE nutrient groups delivered. Hazardous substances data delivered. Proxy pressures data provided. Long time series on nutrients available. No reply to critical QA issues on previously reported data.
EWN3: Groundwater quality		Data delivered on time and in the requested format. Data for 4 of the 5 requested chemical substances provided, all in disaggregated form. Monitoring sites with coordinates and links to GW bodies provided. GIS data for GW bodies and list of GW bodies with most important attributes and pressure data provided.
EWN4: Water quantity ⁽¹⁾		Data delivered on time. Reported both regional and point data. Reported: 18 regional parameters at RBD level for 100 % of RBDs of which 33 % in monthly scale. Did not report the total number of available stations.
ME1: Marine data		Data delivered on time. Data provided on: hazardous substances in biota and seawater, nutrients in seawater and station characteristics.
NRTO3: Near real-time ozone data ⁽¹⁾		Satisfactory spatial coverage but data provision not very reliable (42%) during the ozone season.
WISE1: Emissions to water ⁽¹⁾		No data delivery under WISE-SoE data collection 2011.

⁽¹⁾ The scores are provided for information only.

Table 2.8 Data flow analysis for the Czech Republic

Data flow name	Progress 2011–2012	Remark
AE1: LRTAP data		Delayed delivery in CDR (23 March 2012).
AE1b: NEC data		Inventory delivered on time for years 2009–2010. Projections provided for 2010. Delivery in correct format. National inventory report not provided.
AE2: UNFCCC data		Complete time series provide in CDR with a slight delay (19 April 2012) but delivered on time to UNFCCC. National inventory report provided. CRF XML format provided.
AE2b: EU GHG data		Data delivered with slight delay (16 January 2012). Full time series (1990–2010) delivered for all gases in the criteria. CRF XML format provided. National inventory report has been provided.
AQ1: EoI data		Data delivered on time. Data on particulate matter available for 2010. More than 50 % active stations monitoring PM ₁₀ plus monitoring of smaller particulates. Data provided for 4 th Daughter Directive pollutants. Historical data provided. Response to feedback report provided in CDR.
AQ2: Air quality questionnaire		Questionnaire delivered on time in CDR. Forms 8 and 9 contain information on whether 2010 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. Declaration provided that boundary information has not changed from previous year.
AQ2b: Monthly and summer ozone data		All monthly reports for 2011 provided on time in CDR. Full summer report delivered on time. Requested metadata provided.
CDDA1: Designated areas		Delivery on time: 2306 sites reported. All sites have designation, size, IUCN category, coordinates and site boundary.
E-PRTR1: European Pollutant Release and Transfer Register		Data delivery on time to CDR. Data in specified xml format. Completeness report available.
EWN1: River quality		No data delivery under WISE SoE data collection 2011.
EWN2: Lake quality	N/A	Country does not have any relevant lake.
EWN3: Groundwater quality		Data delivered on time and in the requested format. Data for all 5 requested chemical substances provided, all in disaggregated form. Monitoring sites with coordinates and links to GW bodies provided. GIS data for GW bodies and list of GW bodies with most important attributes and pressure data provided.
EWN4: Water quantity ⁽¹⁾		Reported data relevant to Water Quantity in Eurostat/OECD JQ 2010.
ME1: Marine data	N/A	Country does not have a coastline.
NRT03: Near real-time ozone data ⁽¹⁾		Satisfactory spatial coverage of active stations and highly reliable data provision (97%) during the ozone season.
WISE1: Emissions to water ⁽¹⁾		Data delivered with a delay (1 Dec 2011). Nutrients and organic matter emission discharges not provided for determinands from diffuse sources and for 3 determinands from point sources that are not split between urban and Industrial discharges. Hazardous substances emission discharges provided for 23 determinands from point sources that are not split for E-PRTR facilities and non E-PRTR facilities. 2 nutrient determinands from diffuse sources were reported in past years.

⁽¹⁾ The scores are provided for information only.

Table 2.9 Data flow analysis for Denmark

















Data flow name	Progress 2011–2012	Remark
AE1: LRTAP data		Delivery on time in CDR. Requested length of time series provided for criteria pollutants. LRTAP/EMEP emission inventory status report also provided.
AE1b: NEC data		Inventory delivered on time for years 1980–2010. Projections provided for 2010, 2015, 2020 and 2030. Delivery in correct format. National inventory report not provided.
AE2: UNFCCC data		Complete time series on time in CDR. Separate time series provided later for different geographical coverages. National inventory report provided. CRF XML format provided. Delivery on time to UNFCCC.
AE2b: EU GHG data		Full time series (1990–2010) 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 2010. More than 50 % active stations monitoring PM ₁₀ plus monitoring of smaller particulates. Data provided for 4 th Daughter Directive pollutants. Historical data provided. Response to feedback report provided but not available in CDR.
AQ2: Air quality questionnaire		Questionnaire delivered on time in CDR. Forms 8 and 9 contain information on whether 2010 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. Information provided for 4 th Daughter Directive. EoI codes provided in Forms 3 and 4 for stations used in the assessment. Station type provided in Form 4. Declaration provided that boundary information has not changed from previous year.
AQ2b: Monthly and summer ozone data		All monthly reports for 2011 provided on time in CDR. Full summer report delivered on time. Requested metadata provided.
CDDA1: Designated areas		Delivery on time: 2262 sites reported for Denmark and Greenland. All sites have information on IUCN category and site designation. Coordinates have been reported or calculation requested for all sites. Size has been reported for 2079 sites (more than 99%). Boundaries provided for 1920 sites (85%).
E-PRTR1: European Pollutant Release and Transfer Register		Data delivery on time to CDR. Data in specified xml format. Completeness report available.

Table 2.9 Data flow analysis for Denmark (continued)

Data flow name	Progress 2011–2012	Remark
EWN1: River quality		Data delivered on time and in the requested format. No feedback to reported issues. Monitoring stations with coordinates provided. Data for 4 of the 5 preferred SoE nutrient groups delivered. Hazardous substances data not delivered. Proxy pressures data provided. Long time series on nutrients available.
EWN2: Lake quality		Data delivered on time and in the requested format. Monitoring stations with coordinates provided. Data for 4 of the 5 preferred SoE nutrient groups delivered. Hazardous substances data not delivered. Proxy pressures data not provided. Long time series on nutrients available. No reply to critical QA issues on previously reported data.
EWN3: Groundwater quality		Data delivered on time and in the requested format. Extremely large dataset. Data for all 5 requested chemical substances provided, all in disaggregated form. Monitoring sites with coordinates and links to GW bodies provided. GIS data for GW bodies and list of GW bodies with most important attributes and pressure data provided.
EWN4: Water quantity ⁽¹⁾		Data delivered on time. Reported both regional and point data. Reported: 19 regional parameters at country level. Did not report the total number of available stations.
ME1: Marine data		Data made available through ICES.
NRT03: Near real-time ozone data ⁽¹⁾		Satisfactory spatial coverage and improved reliability of data provision (78%) during the ozone season.
WISE1: Emissions to water ⁽¹⁾		Data delivered with a delay (23 Jan 2012). Nutrients and organic matter emission discharges provided for 2 determinands from diffuse sources and 2 determinands from point sources that are not split between urban and industrial discharges. Hazardous substances emission discharges not provided.

⁽¹⁾ The scores are provided for information only.

Table 2.10 Data flow analysis for Estonia

















Data flow name	Progress 2011–2012	Remark
AE1: LRTAP data		Delivery on time in CDR. Requested length of time series provided for criteria pollutants. LRTAP/EMEP emission inventory status report provided.
AE1b: NEC data		Inventory delivered on time for years 1990–2010. Projections provided for 2010 and 2015. Requested format used. National inventory report not provided.
AE2: UNFCCC data		Complete time series available in CDR with a slight delay (16 April 2012) but delivered on time to UNFCCC. National inventory report provided. CRF XML format provided.
AE2b: EU GHG data		Full time series (1990–2010) 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 2010. More than 50 % active stations monitoring PM ₁₀ plus monitoring of smaller particulates. Data provided for 4 th Daughter Directive pollutants.
AQ2: Air quality questionnaire		Questionnaire delivered on time in CDR. Forms 8 and 9 contain information on whether 2010 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. Information provided for 4 th Daughter Directive. EoI codes provided in Forms 3 and 4 for stations used in the assessment. Station type provided in Form 4. Declaration provided that boundary information has not changed from previous year. Boundary information is still provided as lists of coordinates rather than as GIS files or as administrative units.
AQ2b: Monthly and summer ozone data		All monthly reports for 2011 provided on time in CDR. Full summer report delivered on time. Requested metadata provided. Reporting obligation on delivery envelope for summer report has been modified because delivery was made in the monthly folder.
CDDA1: Designated areas		Delivery on time: 11287 sites reported (revised inventory since last version). All sites have information on designation and IUCN category. Size information provided for 10158 sites (90%). Site boundary data provided for 11153 sites (more than 99%). Spatial information for a number of designations is officially restricted in Estonia. More than 82 % of sites have public coordinates.
E-PRTR1: European Pollutant Release and Transfer Register		Data delivery on time to CDR. Data in specified xml format. Completeness report available.

Table 2.10 Data flow analysis for Estonia (continued)

Data flow name	Progress 2011–2012	Remark
EWN1: River quality		Data delivered on time and in the requested format. Monitoring stations with coordinates provided. Data for the 5 preferred SoE nutrient groups delivered. Some hazardous substances data delivered. Proxy pressures data provided. Long time series on nutrients available.
EWN2: Lake quality		Data delivered on time and in the requested format. Monitoring stations with coordinates provided. Data for the 5 preferred SoE nutrient groups delivered. Hazardous substances data delivered. Proxy pressures data provided. Long time series on nutrients available. No reply to critical QA issues on previously reported data.
EWN3: Groundwater quality		Data delivered on time and in the requested format. Data for 4 of the 5 requested chemical substances provided, all in disaggregated form. Monitoring sites with coordinates and links to GW bodies provided. GIS data for GW bodies and list of GW bodies with most important attributes and pressure data provided.
EWN4: Water quantity ⁽¹⁾		Reported data relevant to Water Quantity in Eurostat/OECD JQ 2010.
ME1: Marine data		Data delivered on time. Data provided on: hazardous substances in biota, nutrients in seawater, riverine inputs, direct discharge and station characteristics.
NRTO3: Near real-time ozone data ⁽¹⁾		Highly reliable data provision (89%) during the ozone season but only two stations are reporting so spatial coverage is still low.
WISE1: Emissions to water ⁽¹⁾		Data delivered on time. Nutrients and organic matter emission discharges provided for 0 determinands from diffuse sources and 9 determinands from point sources that are split for Urban and Industrial discharges. Hazardous substances emission discharges provided for 20 determinands from point sources that are not split for E-PRTR facilities and non E-PRTR facilities.











⁽¹⁾ The scores are provided for information only.

Table 2.11 Data flow analysis for Finland

Data flow name	Progress 2011–2012	Remark
AE1: LRTAP data		Delivery on time in CDR. Requested length of time series provided for criteria pollutants. LRTAP/EMEP emission inventory status report also provided.
AE1b: NEC data		Inventory delivered on time for years 1980–2010. Projections provided for 2020, 2030 (NH ₃) and 2050. Requested format not used (Table 1 not readable for reporting years 1980–2009). National inventory report provided.
AE2: UNFCCC data		Complete time series provided with delay in CDR (24 April 2012) but made available on time to UNFCCC. National inventory report provided. CRF XML format provided.
AE2b: EU GHG data		Full time series (1990–2010) delivered on time in CDR for all gases in the criteria. CRF XML format provided. Short inventory report also provided.
AQ1: EoI data		Delivery delayed until 30 Nov 2011. Data on particulate matter available for 2010. More than 50 % active stations monitoring PM ₁₀ plus monitoring of smaller particulates. No data provided for 4 th Daughter Directive pollutants. Response to feedback report not available at 26 January 2012.
AQ2: Air quality questionnaire		Questionnaire delivered with significant delay (10 February 2012).
AQ2b: Monthly and summer ozone data		All monthly reports for 2011 provided on time in CDR. Full summer report delivered on time. Requested metadata provided.
CDDA1: Designated areas		Data delivered on time: 9995 (approximately 500 additional) sites reported. All sites have designation, coordinates, IUCN category and size information. Boundary data provided for 9891 sites (99%).
E-PRTR1: European Pollutant Release and Transfer Register		Data delivery on time to CDR. Data in specified xml format. Completeness report not provided.
EWN1: River quality		Data delivered on time and in the requested format. Monitoring stations with coordinates provided. Data for the 5 preferred SoE nutrient groups delivered. Hazardous substances data delivered. Proxy pressures data not provided. Long time series on nutrients available.
EWN2: Lake quality		Data delivered on time and in the requested format. Monitoring stations with coordinates provided. Data for 4 of the 5 preferred SoE nutrient groups delivered. Hazardous substances data delivered. Proxy pressures data not provided. Long time series on nutrients available. Reply to critical QA issues on previously reported data received.
EWN3: Groundwater quality		Data delivered on time and in the requested format. Data for 4 of the 5 requested chemical substances provided but all in aggregated form. Monitoring sites with coordinates and links to GW bodies provided. High number of small groundwater bodies. GIS data for GW bodies and list of GW bodies with most important attributes and pressure data provided.
EWN4: Water quantity ⁽¹⁾		Data delivered with delay (09/12/2011).
ME1: Marine data		Data made available through ICES. Data on hazardous substances in biota not provided.
NRTO3: Near real-time ozone data ⁽¹⁾		Satisfactory spatial coverage and highly reliable data provision (93%) during the ozone season.
WISE1: Emissions to water ⁽¹⁾		No data delivery in 2011. 2 nutrient determinands from diffuse sources were reported in past years.

⁽¹⁾ The scores are provided for information only.

Table 2.12 Data flow analysis for the Former Yugoslav Republic of Macedonia

Data flow name	Progress 2011–2012	Remark
AE1: LRTAP data		Delivery on time in CDR. Shorter length of time series provided for criteria pollutants (2010). LRTAP/EMEP emission inventory status report also provided.
AE1b: NEC data	N/A	Data flow is relevant for EU MS countries only.
AE2: UNFCCC data		No information available in CDR (15 May 2012).
AE2b: EU GHG data	N/A	Data flow is relevant for EU MS countries only.
AQ1: EoI data		Data delivered on time. Data on particulate matter available for 2010. More than 50 % active stations monitoring PM ₁₀ . Response to feedback report provided but not available in CDR.
AQ2: Air quality questionnaire	N/A	Participation in the 2011 data flow is voluntary for countries which are not EU Member States.
AQ2b: Monthly and summer ozone data		All monthly reports for 2011 provided on time in CDR. Summer report delivered on time. Requested metadata provided.
CDDA1: Designated areas		Delivered on time: 75 sites reported. All sites have designation, IUCN category information and coordinates. Size has been reported for 57 sites (76%). Boundary data provided for 72 sites (96%).
E-PRTR1: European Pollutant Release and Transfer Register	N/A	Country did not participate in this data flow.
EWN1: River quality		Data delivered on time, but not in the requested format. Monitoring stations provided without coordinates. Data for 4 of the 5 preferred SoE nutrient groups delivered. Some hazardous substances data delivered. Proxy pressures data provided. Some long time series on nutrients available.
EWN2: Lake quality		Data delivered on time and in the requested format. Monitoring stations with coordinates provided. Data for 2 of the 5 preferred SoE nutrient groups delivered but only for one station. Hazardous substances data not delivered. Proxy pressures data not provided. Only limited long time series on nutrients available. No reply to critical QA issues on previously reported data.
EWN3: Groundwater quality		Data delivered on time and in the requested format. Data for 3 of the 5 requested chemical substances provided, all in disaggregated form. Monitoring sites with coordinates and links to GW bodies provided. List of GW bodies with most important attribute data provided. GIS data missing.
EWN4: Water quantity ⁽¹⁾		Data delivered on time. Reported only regional data. Reported: 42 regional parameters at NUTS level for 100 % of NUTS all of which in annual scale. Did not report the total number of available stations.
ME1: Marine data	N/A	Country does not have a coastline.
NRTO3: Near real-time ozone data ⁽¹⁾	N/A	Country did not participate in this data flow.
WISE1: Emissions to water ⁽¹⁾		Data delivered on time. Nutrients and organic matter emission discharges not provided for determinands from diffuse sources and for 4 determinands from point sources that are split between urban and industrial discharges. No hazardous substances emission discharges provided.

⁽¹⁾ The scores are provided for information only.

Table 2.13 Data flow analysis for France

















Data flow name	Progress 2011–2012	Remark
AE1: LRTAP data		Delivery on time in CDR. Requested length of time series provided for criteria pollutants. LRTAP/EMEP emission inventory status report also provided.
AE1b: NEC data		Inventory delivered on time for years 1980–2010. Projections provided for 2010. Requested format not used. National inventory report not provided.
AE2: UNFCCC data		Complete time series on time in CDR as delivered for the EU monitoring mechanism. CRF XML format provided. Updated national inventory report provided. Delivery on time to UNFCCC.
AE2b: EU GHG data		Full time series (1990–2010) 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 2010. More than 50 % active stations monitoring PM ₁₀ plus monitoring of smaller particulates. No data provided for 4 th Daughter Directive pollutants. Response to feedback report not available 26 January 2012.
AQ2: Air quality questionnaire		Questionnaire delivered on time in CDR. Forms 8 and 9 contain information on whether 2010 pollutant levels exceeded or did not exceed the values specified in the air quality legislation for the 75 zones and agglomerations listed in Form 2. Information provided for 4 th Daughter Directive. EoI codes provided in Forms 3 and 4 for stations used in the assessment. Station type provided in Form 4. No declaration on whether zone boundaries have changed. Geospatial file provided.
AQ2b: Monthly and summer ozone data		Five monthly reports provided on time in CDR but no information in CDR for September 2011. Summer report delivered on time. Requested metadata provided.
CDDA1: Designated areas		Delivery in CDR within time limits (23/03/2012): 1913 sites reported (revised inventory). All sites have designations. Valid IUCN categories reported for 1907 sites (99%). Coordinates reported for 1889 sites (99%). Information on size available for 1706 sites (90%). Boundaries provided for 1883 sites (98%).
E-PRTR1: European Pollutant Release and Transfer Register		Data delivery on time to CDR. Data in specified xml format. Completeness report available.

Table 2.13 Data flow analysis for France (continued)

Data flow name	Progress 2011–2012	Remark
EWN1: River quality		Data delivered on time and in the requested format. Monitoring stations with coordinates provided. Data for the 5 preferred SoE nutrient groups delivered. Hazardous substances data delivered. Proxy pressures data not provided for all stations. Some long time series on nutrients available.
EWN2: Lake quality		Data delivered on time and in the requested format. Monitoring stations with coordinates provided. Data for the 5 preferred SoE nutrient groups delivered. Hazardous substances data delivered. Proxy pressures data provided. Long time series on nutrients available. Reply to critical QA issues on previously reported data received.
EWN3: Groundwater quality		Data delivered on time and in the requested format. Extremely large dataset. Data for all 5 requested chemical substances provided, all in disaggregated form. Monitoring sites with coordinates and links to GW bodies provided. GIS data for GW bodies and list of GW bodies with most important attributes and pressure data provided. Reply to critical QA issues on previously reported data received.
EWN4: Water quantity ⁽¹⁾		Data delivered on time. Reported both regional and point data. Reported: 6 regional parameters at RBD level for 100 % of the RBDs but none at monthly scale. Did not report the total number of available stations.
ME1: Marine data		Data made available through ICES. Data provided on: hazardous substances in biota and sediment, nutrients in seawater and station characteristics.
NRTO3: Near real-time ozone data ⁽¹⁾		Fairly reliable data provision (50%) during the ozone season and spatial coverage is satisfactory.
WISE1: Emissions to water ⁽¹⁾		Data delivered on time. Nutrients and organic matter emission discharges provided for 2 determinands from point sources that are split for urban and industrial discharges. Data on 1 determinand from diffuse sources is a redelivery of previously reported data. Hazardous substances emission discharges provided for 42 determinands from point sources that are split for E-PRTR facilities and non E-PRTR facilities.

⁽¹⁾ The scores are provided for information only.

Table 2.14 Data flow analysis for Germany































Data flow name	Progress 2011–2012	Remark
AE1: LRTAP data		Delivery on time in CDR. Requested length of time series provided for criteria pollutants. LRTAP/EMEP emission inventory status report also provided.
AE1b: NEC data		Inventory delivered on time for years 1980–2010. Delivery in correct format. National inventory report provided.
AE2: UNFCCC data		Complete time series on time in CDR as delivered for the EU monitoring mechanism. CRF XML format provided. Delivery of same version on time to UNFCCC. Updated/English language version of national inventory report provided to UNFCCC.
AE2b: EU GHG data		Full time series (1990–2010) 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 2010. More than 50 % active stations monitoring PM ₁₀ plus monitoring of smaller particulates. Data provided for 4 th Daughter Directive pollutants. Historical data provided. Response to feedback report provided in CDR.
AQ2: Air quality questionnaire		Questionnaire delivered on time in CDR. Forms 8 and 9 contain information on whether 2010 pollutant levels exceeded or did not exceed the values specified in the air quality legislation for the 115 zones and agglomerations listed in Form 2. Information provided for 4 th Daughter Directive. 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 in CDR.
AQ2b: Monthly and summer ozone data		All monthly reports for 2011 provided on time in CDR. Summer report delivered on time. Requested metadata provided. Information on the number of valid measurements per month not provided.
CDDA1: Designated areas		Delivery on time: 15942 sites reported (major revision of inventory). All sites have designation, size and a IUCN category. Coordinates are available or request for centralized calculation for all sites. Boundary data provided for all sites.
E-PRTR1: European Pollutant Release and Transfer Register		Data delivery on time to CDR. Data in specified xml format. Completeness report not provided.

Table 2.14 Data flow analysis for Germany (continued)

Data flow name	Progress 2011–2012	Remark
EWN1: River quality		Data delivered on time, but not in the requested format. Feedback to reported issues provided. Monitoring stations with coordinates provided. Data for the 5 preferred SoE nutrient groups delivered. Hazardous substances data delivered. Proxy pressures data not provided for all stations. Short time series on nutrients available.
EWN2: Lake quality		Data delivered on time and in the requested format. Monitoring stations with coordinates provided. Data for the 5 preferred SoE nutrient groups delivered. Hazardous substances data delivered. Proxy pressures data provided. Long time series on nutrients available. No reply to critical QA issues on previously reported data.
EWN3: Groundwater quality		Data delivered on time and in the requested format. Data for all 5 requested chemical substances provided, all in disaggregated form. 70 monitoring sites are missing. GIS data for GW bodies and list of GW bodies and pressure data provided. 4 GW bodies do not have an RBD code. No reply provided to critical QA issues on previously reported data.
EWN4: Water quantity ⁽¹⁾		Data delivered on time but not in the requested format.
ME1: Marine data		Data made available through ICES.
NRTO3: Near real-time ozone data ⁽¹⁾		Satisfactory spatial coverage of active stations and highly reliable data provision (90%) during the ozone season.
WISE1: Emissions to water ⁽¹⁾		No data delivery under WISE-SoE data collection 2011.
















⁽¹⁾ The scores are provided for information only.

Table 2.15 Data flow analysis for Greece

Data flow name	Progress 2011–2012	Remark
AE1: LRTAP data		Delayed delivery in CDR (7 March 2012).
AE1b: NEC data		Data delivered to CDR with delay (20 January 2012). Inventory provided for years 2009–2010. National inventory report not available.
AE2: UNFCCC data		Delivery on time to CDR. CRF XML format available but inside zip file and therefor cannot be automatically checked. National inventory report provided. Inventory provided on time to UNFCCC.
AE2b: EU GHG data		Full time series (1990–2010) delivered on time in CDR for all gases in the criteria. CRF XML format provided. Short inventory report also provided (16 January 2012).
AQ1: EoI data		Data delivered on time. Data on particulate matter available for 2010. More than 50 % active stations monitoring PM ₁₀ plus monitoring of smaller particulates. No data provided for 4 th Daughter Directive pollutants. Historical data provided. Response to feedback report not available 26 January 2012.
AQ2: Air quality questionnaire		Questionnaire delivered on time in CDR. Forms 8 and 9 contain information on whether 2010 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. Information available for 4 th Daughter Directive in Form 8 but not specified in Form 2. EoI codes provided in Forms 3 and 4 for stations used in the assessment. Station type provided in Form 4. Declaration provided that boundary information has not changed from previous year.
AQ2b: Monthly and summer ozone data		All monthly reports for 2011 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: 839 sites reported. All sites have a designation, size, a valid IUCN category and coordinates. Size information provided for 797 sites (95%). Boundary data has been updated for 17 sites (2%).
E-PRTR1: European Pollutant Release and Transfer Register		Data delivery on time to CDR. Data in specified xml format. Completeness report available.
EWN1: River quality		Data delivered on time, but not in the requested format. A lot of errors in data. No feedback to reported issues. Monitoring stations provided without coordinates. Data for 3 of the 5 preferred SoE nutrient groups delivered. Some hazardous substances data delivered. Proxy pressures data not provided. Only broken short time series on nutrients available.
EWN2: Lake quality		No data delivery under WISE-SoE data collection 2011.
EWN3: Groundwater quality		Datasets delivered were unusable. Structure of data totally out of requested template, for example national characters inserted in the headings of fields. No feedback from country concerning request for correction, no communication with data manager.
EWN4: Water quantity ⁽¹⁾	N/A	Country did not participate in this data flow.
ME1: Marine data		No data delivery under Eionet-Water data collection 2011.
NRTO3: Near real-time ozone data ⁽¹⁾	N/A	Greece did not participate in this data flow in the 2011 ozone season.
WISE1: Emissions to water ⁽¹⁾		No data delivery under WISE-SoE data collection 2011.

⁽¹⁾ The scores are provided for information only.

Table 2.16 Data flow analysis for Hungary

Data flow name	Progress 2011–2012	Remark
AE1: LRTAP data		Delayed delivery in CDR (7 March 2012). Data provided for requested pollutants for year 2010.
AE1b: NEC data		Data delivered on time in CDR. Requested reporting format not used.
AE2: UNFCCC data		Delivery to UNFCCC on time and later uploaded to CDR (23 April 2012). CRF XML format available but two versions are mixed in a single envelope. National inventory report provided later.
AE2b: EU GHG data		Data delivered with slight delay (17 January 2012). Full time series (1985–2010) delivered for all gases in the criteria. CRF XML format provided. Short inventory report has been provided (3 February 2012).
AQ1: EoI data		Data delivered on time. Data on particulate matter available for 2010. More than 50 % active stations monitoring PM ₁₀ plus monitoring of smaller particulates. Data provided for 4 th Daughter Directive pollutants. Historical data provided. Response to feedback report provided in CDR.
AQ2: Air quality questionnaire		Questionnaire delivered on time in CDR. Forms 8 and 9 contain information on whether 2010 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. Information provided for 4 th Daughter Directive. EoI codes provided in Forms 3 and 4 for stations used in the assessment. Station type provided in Form 4. Declaration provided that boundary information has changed from previous year.
AQ2b: Monthly and summer ozone data		All monthly reports for 2011 provided on time in CDR. Full summer report delivered on time. Requested metadata provided.
CDDA1: Designated areas		Delivery in CDR within time limits (27/03/2012): 272 sites reported. All sites have IUCN category, designation and area. 261 sites have coordinates (95%). Boundaries provided for 210 sites (77%).
E-PRTR1: European Pollutant Release and Transfer Register		Data delivery on time to CDR. Data in specified xml format. Completeness report available.
EWN1: River quality		No data delivery under WISE SoE data collection 2011.
EWN2: Lake quality		No data delivery under WISE-SoE data collection 2011.
EWN3: Groundwater quality		No data delivery under WISE-SoE data collection 2011.
EWN4: Water quantity ⁽¹⁾		Reported data relevant to Water Quantity in Eurostat/OECD JQ 2010.
ME1: Marine data	N/A	Country does not have a coastline.
NRTO3: Near real-time ozone data ⁽¹⁾		Highly reliable data provision (88%) during the ozone season and spatial coverage of active stations is now sufficient.
WISE1: Emissions to water ⁽¹⁾		No data delivery under WISE-SoE data collection 2011.

⁽¹⁾ The scores are provided for information only.

Table 2.17 Data flow analysis for Iceland













Data flow name	Progress 2011–2012	Remark
AE1: LRTAP data		Delayed delivery in CDR (17 April 2012). Requested length of time series for some of the criteria pollutants.
AE1b: NEC data	N/A	Data flow is relevant for EU MS countries only.
AE2: UNFCCC data		Complete time series available in CDR with a slight delay (17 April 2012) but on time to UNFCCC. National inventory report provided. CRF XML format provided but in a zip file so that automatic QA cannot be applied.
AE2b: EU GHG data	N/A	Data flow is relevant for EU MS countries only.
AQ1: EoI data		Delivery delayed 21 Dec 2011. Data on particulate matter available for 2010. More than 50 % active stations monitoring PM ₁₀ plus monitoring of smaller particulates. No data provided for 4 th Daughter Directive pollutants. Response to feedback report not available at 26 January 2012.
AQ2: Air quality questionnaire	N/A	Participation in the 2010 data flow is voluntary for countries which are not EU Member States. Questionnaire delivered with delay in CDR (21 Dec 2011). Forms 8 and 9 contain information on whether 2010 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. Information not available for lead and 4 th Daughter Directive pollutants. EoI codes provided in Forms 3 and 4 for stations used in the assessment of. Station type provided in Form 4. Boundary information is still provided as lists of coordinates rather than as GIS files or as administrative units.
AQ2b: Monthly and summer ozone data		Five monthly reports for 2011 provided on time in CDR. Information for May was delayed (29 July) and Summer report delivered with delay (9 December).
CDDA1: Designated areas		Delivery on time. 107 sites reported. All sites have information on IUCN categories, designations, size and coordinates. Boundary information provided for all sites.
E-PRTR1: European Pollutant Release and Transfer Register		Data delivery on time to CDR. Data in specified xml format. Completeness report available.

Table 2.17 Data flow analysis for Iceland (continued)

Data flow name	Progress 2011–2012	Remark
EWN1: River quality		Data delivered on time and in the requested format. No feedback to reported issues. Monitoring stations with coordinates provided. Data for 4 of the 5 preferred SoE nutrient groups delivered. Hazardous substances data delivered. Proxy pressures data provided. Some long time series on nutrients available.
EWN2: Lake quality		Data delivered on time and in the requested format. Monitoring stations with coordinates provided. Data for 4 of the 5 preferred SoE nutrient groups delivered. Hazardous substances data delivered. Proxy pressures data provided. Only broken short time series on nutrients available.
EWN3: Groundwater quality		Data delivered on time and in the requested format. Data for 4 of the 5 requested chemical substances provided, all in disaggregated form. Monitoring sites with coordinates and links to GW bodies provided. List of GW bodies with most important attributes data provided. GIS data missing.
EWN4: Water quantity ⁽¹⁾		Data delivered on time but not in the requested format.
ME1: Marine data		Data made available through ICES.
NRTO3: Near real-time ozone data ⁽¹⁾	N/A	Country did not participate in this data flow in the 2011 ozone season.
WISE1: Emissions to water ⁽¹⁾		Data delivered on time. Nutrients and organic matter emission discharges provided for 2 determinands from diffuse sources and 2 determinands from point sources that are split for urban and industrial discharges. Hazardous substances emission discharges provided for 10 determinands from point sources that are split for E-PRTR facilities and non E-PRTR facilities. 2 nutrient determinands from diffuse sources were reported in past years.

⁽¹⁾ The scores are provided for information only.

Table 2.18 Data flow analysis for Ireland

















Data flow name	Progress 2011–2012	Remark
AE1: LRTAP data		Delivery on time in CDR. Requested length of time series provided for criteria pollutants.
AE1b: NEC data		Inventory delivered on time for years 1990–2010. Requested format partially used (table not readable for reporting years 2009–2010). National inventory report not provided.
AE2: UNFCCC data		Complete time series on time in CDR. CRF XML format provided. National inventory report provided. Delivery on time to UNFCCC.
AE2b: EU GHG data		Full time series (1990–2010) delivered on time in CDR for all gases in the criteria. CRF XML format provided. Required elements of the national inventory report provided with the January delivery.
AQ1: EoI data		Data delivered on time. Data on particulate matter available for 2010. More than 50 % active stations monitoring PM ₁₀ plus monitoring of smaller particulates. Data provided for 4 th Daughter Directive pollutants. Response to feedback report available in CDR.
AQ2: Air quality questionnaire		Questionnaire delivered on time in CDR. Forms 8 and 9 contain information on whether 2010 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. Information provided for 4 th Daughter Directive. EoI codes provided in Forms 3 and 4 for stations used in the assessment. Station type provided in Form 4. Declaration that zone definitions have not changed since previous delivery and boundary data has been provided in CDR.
AQ2b: Monthly and summer ozone data		All monthly reports for 2011 provided on time in CDR. Full summer report delivered on time. Requested metadata provided.
CDDA1: Designated areas		Delivery on time. 309 sites reported. All sites have information on IUCN categories, designations and coordinates. Size has been reported for 122 of the sites (40%). Boundary data has been provided for 155 sites (50%).
E-PRTR1: European Pollutant Release and Transfer Register		Data delivery on time to CDR. Data in specified xml format. Completeness report available.

Table 2.18 Data flow analysis for Ireland (continued)

Data flow name	Progress 2011–2012	Remark
EWN1: River quality		Data delivered on time and in the requested format. No feedback to reported issues. Monitoring stations with coordinates provided. Data for the 5 preferred SoE nutrient groups delivered. Hazardous substances data not delivered. Proxy pressures data not provided for all stations. Long time series on nutrients available.
EWN2: Lake quality		Data delivered on time and in the requested format. Monitoring stations with coordinates provided. Data for the 5 preferred SoE nutrient groups delivered. Hazardous substances data delivered. Proxy pressures data provided. Long time series on nutrients available. Reply to critical QA issues on previously reported data received.
EWN3: Groundwater quality		Data delivered on time and in the requested format. Data for 4 of the 5 requested chemical substances provided, all in disaggregated form. Monitoring sites with coordinates and links to GW bodies provided. GIS data for GW bodies and list of GW bodies with most important attributes and pressure data provided.
EWN4: Water quantity ⁽¹⁾		Data delivered on time. Reported only point data. Did not report the total number of available stations.
ME1: Marine data		Data delivered on time. Data provided on: nutrients in seawater and station characteristics.
NRTO3: Near real-time ozone data ⁽¹⁾		Satisfactory spatial coverage and reliable data provision (71%) during the ozone season.
WISE1: Emissions to water ⁽¹⁾		No data delivery under WISE-SoE data collection 2011.









⁽¹⁾ The scores are provided for information only.

Table 2.19 Data flow analysis for Italy

Data flow name	Progress 2011–2012	Remark
AE1: LRTAP data		Delayed delivery (5 March 2012). Requested length of time series provided for criteria pollutants.
AE1b: NEC data		Inventory delivered on time for years 2009–2010. Requested format used. National inventory report not provided.
AE2: UNFCCC data		Complete time series on time on national server. National inventory report provided. CRF XML format provided. Delivery on time to UNFCCC.
AE2b: EU GHG data		Data delivered with delay (23 January 2012) on national server. CRF XML format provided.
AQ1: EoI data		Data delivered with slight delay (4 October 2011). Data on particulate matter available for 2010. More than 50 % active stations monitoring PM ₁₀ plus some monitoring of smaller particulates. Data provided for 4 th Daughter Directive pollutants. Response to feedback report has been provided in national repository.
AQ2: Air quality questionnaire		Data from the regions has not been aggregated into a national delivery. Twelve regions were available on the national server on time. One region was delivered with a slight delay (by 5 October 2011). Eight regions were delivered with delay (by 2 November 2011).
AQ2b: Monthly and summer ozone data		All monthly reports for 2011 provided on time in CDR. Full summer report delivered on time. Requested metadata provided.
CDDA1: Designated areas		Delivery on time in national repository. 871 sites reported. All sites have information on IUCN categories, designations and coordinates. Size information has been provide for 855 sites (98%). Boundary data has been provided for all sites.
E-PRTR1: European Pollutant Release and Transfer Register		Data delivery on time to CDR. Data in specified xml format. Completeness report available.
EWN1: River quality		Data delivered with a substantial delay (05 Jan 2012) and in the requested format but with many errors. Feedback to reported issues provided. Monitoring stations provided without coordinates. Data for the 5 preferred SoE nutrient groups delivered. Hazardous substances data delivered. Proxy pressures data not provided. Some long time series on nutrients available.
EWN2: Lake quality		Data delivered with a substantial delay (05 Jan 2012)but in the requested format. No feedback to reported data issues. Monitoring stations with coordinates provided. Data for the 5 preferred SoE nutrient groups delivered. Hazardous substances data not delivered. Proxy pressures data not provided for all stations. Long time series on nutrients available. No reply to critical QA issues on previously reported data.
EWN3: Groundwater quality		Data delivered very late (end of February 2012) and with many formal errors. Corrections not provided yet. In the case of adding missing information and corrections, the evaluation could be improved to 2 smileys.
EWN4: Water quantity ⁽¹⁾		Reported data relevant to Water Quantity in Eurostat/OECD JQ 2010.
ME1: Marine data		No data delivery under Eionet-Water data collection 2011.
NRTO3: Near real-time ozone data ⁽¹⁾		Satisfactory spatial coverage of active stations and highly reliable data provision (84%) during the ozone season.
WISE1: Emissions to water ⁽¹⁾		No data delivery under WISE-SoE data collection 2011.

⁽¹⁾ The scores are provided for information only.

Table 2.20 Data flow analysis for Kosovo under UNSCR 1244/99

Data flow name	Progress 2011–2012	Remark
AE1: LRTAP data		Partial time series (2010) delivered on time in CDR. LRTAP/EMEP emission inventory status report not available.
AE1b: NEC data	N/A	Data flow is relevant for EU MS countries only.
AE2: UNFCCC data		No information available in CDR (15 May 2012).
AE2b: EU GHG data	N/A	Data flow is relevant for EU MS countries only.
AQ1: EoI data	N/A	Kosovo under UNSCR 1244/99 was not requested to participate in the 2011 data flow.
AQ2: Air quality questionnaire	N/A	Participation in the 2011 data flow is voluntary for countries which are not EU Member States.
AQ2b: Monthly and summer ozone data		Five monthly reports for 2011 provided in CDR. No information was provided for July Information for June, August and September was provide with delay. Some envelopes are still in draft status. The summer ozone report was provided with delay (25 November).
CDDA1: Designated areas		Delivery on time: 97 sites reported. All sites have designations, IUCN categories, size and coordinates. Boundaries provided for 22 sites of the 28 sites with area greater than 1 hectare (79%).
E-PRTR1: European Pollutant Release and Transfer Register	N/A	Country did not participate in this data flow.
EWN1: River quality		Data delivered on time and in the requested format. Monitoring stations with coordinates provided. Data for the 5 preferred SoE nutrient groups delivered. Hazardous substances data delivered. Proxy pressures data not provided. Very short time series on nutrients available.
EWN2: Lake quality		No data delivery under WISE-SoE data collection 2011.
EWN3: Groundwater quality		Data delivered on time and in the requested format. Data for 3 of the 5 requested chemical substances provided, all in disaggregated form. Monitoring sites with coordinates and links to GW bodies provided. List of GW bodies with most important attributes data provided. GIS data missing.
EWN4: Water quantity ⁽¹⁾	N/A	Country did not participate in this data flow.
ME1: Marine data	N/A	Country does not have a coastline.
NRTO3: Near real-time ozone data ⁽¹⁾	N/A	Country did not participate in this data flow.
WISE1: Emissions to water ⁽¹⁾		No data delivery under WISE-SoE data collection 2011.

⁽¹⁾ The scores are provided for information only.

Table 2.21 Data flow analysis for Latvia




























Data flow name	Progress 2011–2012	Remark
AE1: LRTAP data		Delivery on time in CDR. Requested length of time series provided for criteria pollutants. LRTAP/EMEP emission inventory status report also provided.
AE1b: NEC data		Inventory delivered on time for years 1990–2010. Requested format used. National inventory report provided.
AE2: UNFCCC data		Complete time series on time in CDR. CRF XML format provided. National inventory report available. Delivery on time to UNFCCC.
AE2b: EU GHG data		Full time series (1990–2010) 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 2010. More than 50 % active stations monitoring PM ₁₀ plus monitoring of smaller particulates. Data provided for 4 th Daughter Directive pollutants. Historical data provided. Response to feedback report provided in CDR.
AQ2: Air quality questionnaire		Questionnaire delivered on time in CDR. Forms 8 and 9 contain information on whether 2010 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. Information provided for 4 th Daughter Directive. EoI codes provided in Forms 3 and 4 for stations used in the assessment. Station type provided in Form 4. Declaration provided that boundary information has not changed from previous year. Boundary information is still provided as lists of coordinates and not as GIS files or as lists of administrative units.
AQ2b: Monthly and summer ozone data		All monthly reports for 2011 provided on time in CDR. Full summer report delivered on time. Requested metadata provided.
CDDA1: Designated areas		Delivery provided with delay (29 May 2012).
E-PRTR1: European Pollutant Release and Transfer Register		Data delivered to CDR on 31 March 2012 but not in specified xml format. Correct xml format provided 3 April 2012. Completeness report available.

Table 2.21 Data flow analysis for Latvia (continued)

Data flow name	Progress 2011–2012	Remark
EWN1: River quality		Data delivered on time and in the requested format. Monitoring stations with coordinates provided. Data for the 5 preferred SoE nutrient groups delivered. Hazardous substances data delivered. Proxy pressures data provided. Some long time series on nutrients available.
EWN2: Lake quality		Data delivered on time and in the requested format. Monitoring stations with coordinates provided. Data for the 5 preferred SoE nutrient groups delivered. Hazardous substances data not delivered. Proxy pressures data provided. Long time series on nutrients available. No reply to critical QA issues on previously reported data.
EWN3: Groundwater quality		Data delivered on time. Only monitoring sites and GW bodies, including the GIS data, provided.
EWN4: Water quantity ⁽¹⁾		Data delivered on time. Reported both regional and point data: 73 regional parameters at RBD level for 100 % of the RBDs, all of which in annual scale. Also reported point data in annual scale for 100 % of RBDs. Did not report the total number of available stations.
ME1: Marine data		Data delivered on time. Data provided on: nutrients in seawater and station characteristics.
NRTO3: Near real-time ozone data ⁽¹⁾		Highly reliable data provision (99%) during the ozone season but only one station is reporting so spatial coverage is still low.
WISE1: Emissions to water ⁽¹⁾		Data delivered on time. Nutrients and organic matter emission discharges not provided for determinands from diffuse sources and for 7 determinands from point sources that are split between urban and industrial discharges. Hazardous substances emission discharges provided for 6 determinands from point sources that are split for E-PRTR facilities and non E-PRTR facilities.

⁽¹⁾ The scores are provided for information only.

Table 2.22 Data flow analysis for Liechtenstein

Data flow name	Progress 2011–2012	Remark
AE1: LRTAP data		Delivery to CDR within permitted time period (20 February 2012). Time series available for criteria pollutants from 1985. LRTAP/EMEP emission inventory status report also provided.
AE1b: NEC data	N/A	Data flow is relevant for EU MS countries only.
AE2: UNFCCC data		Complete time series in CDR with a slight delay (19 April 2012) but provided on time to UNFCCC. National inventory report provided. CRF XML format provided.
AE2b: EU GHG data	N/A	Data flow is relevant for EU MS countries only.
AQ1: EoI data		Data delivered on time. Data on particulate matter available for 2010. No data available for heavy metals.
AQ2: Air quality questionnaire	N/A	Participation in the 2011 data flow is voluntary for countries which are not EU Member States.
AQ2b: Monthly and summer ozone data		All monthly reports for 2011 provided on time in CDR. Full summer report delivered on time. Requested metadata provided.
CDDA1: Designated areas		Delivery on time: 41 sites reported. 100 % have required information. Boundary data provided for all sites.
E-PRTR1: European Pollutant Release and Transfer Register		Data delivery on time to CDR. Data in specified xml format. Completeness report provided with delay 7 May 2012).
EWN1: River quality		Data delivered on time and in the requested format. Feedback to reported issues provided. Monitoring stations with coordinates provided. Data for the 5 preferred SoE nutrient groups delivered. Hazardous substances data not delivered. Proxy pressures data provided. Long time series on nutrients available.
EWN2: Lake quality	N/A	Country does not have any relevant lake.
EWN3: Groundwater quality		Data delivered on time and in the requested format. Data for 3 of the 5 requested chemical substances provided, all in disaggregated form. Monitoring sites with coordinates and links to GW bodies provided. GIS data for GW bodies and list of GW bodies with most important attributes and pressure data provided.
EWN4: Water quantity ⁽¹⁾		Reported streamflow station together with the Swiss data.
ME1: Marine data	N/A	Country does not have a coastline.
NRT03: Near real-time ozone data ⁽¹⁾		Satisfactory spatial coverage and highly reliable data provision (100%) during the ozone season. Only one hour missed in six months!
WISE1: Emissions to water ⁽¹⁾		No data delivery under WISE-SoE data collection 2011.

⁽¹⁾ The scores are provided for information only.

Table 2.23 Data flow analysis for Lithuania






























Data flow name	Progress 2011–2012	Remark
AE1: LRTAP data		Delivery on time in CDR. Shorter length of time series provided for criteria pollutants (2008–2010). LRTAP/EMEP emission inventory status report also provided.
AE1b: NEC data		Inventory delivered on time for years 2009–2010. Projections provided for 2010, 2015 and 2020. Requested format used. National inventory report not provided.
AE2: UNFCCC data		Delivery to UNFCCC on time and later uploaded to CDR (24 April 2012). CRF XML format available. National inventory not available but provided to UNFCCC.
AE2b: EU GHG data		Full time series (1990–2010) 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 2010. More than 50 % active stations monitoring PM ₁₀ plus monitoring of smaller particulates. Data provided for 4 th Daughter Directive pollutants. Historical data provided. Response to feedback report provided in CDR.
AQ2: Air quality questionnaire		Questionnaire delivered on time in CDR. Forms 8 and 9 contain information on whether 2010 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. Information provided for 4 th Daughter Directive. EoI codes provided in Forms 3 and 4 for stations used in the assessment. Station type provided in Form 4. Declaration provided that boundary information has not changed from previous year. GIS data for boundaries provided.
AQ2b: Monthly and summer ozone data		All monthly reports for 2011 provided on time in CDR. Full summer report delivered on time. Requested metadata provided.
CDDA1: Designated areas		Delivery on time: 344 sites reported. All sites have designations, valid IUCN categories and information on size. Coordinates are available for 337 sites (98%). Boundary data provided for all sites.
E-PRTR1: European Pollutant Release and Transfer Register		Data delivery on time to CDR. Data in specified xml format. Completeness report available.

Table 2.23 Data flow analysis for Lithuania (continued)

Data flow name	Progress 2011–2012	Remark
EWN1: River quality		Data delivered on time and in the requested format. Monitoring stations with coordinates provided. Data for the 5 preferred SoE nutrient groups delivered. Hazardous substances data delivered. Proxy pressures data provided. Long time series on nutrients available.
EWN2: Lake quality		Data delivered on time and in the requested format. Monitoring stations with coordinates provided. Data for the 5 preferred SoE nutrient groups delivered. Hazardous substances data not delivered. Proxy pressures data provided. Long time series on nutrients available. No reply to critical QA issues on previously reported data.
EWN3: Groundwater quality		Data delivered on time and in the requested format. Data for 3 of the 5 requested chemical substances provided, all in disaggregated form. Monitoring sites with coordinates and links to GW bodies provided. GIS data for GW bodies and list of GW bodies with most important attributes and pressure data provided.
EWN4: Water quantity ⁽¹⁾		Data delivered on time. Reported both regional and point data. Reported: 140 regional parameters at country level on annual scale. Did not report the total number of available stations. No response provided to reported data issues.
ME1: Marine data		Data delivered on time. Data provided on: hazardous substances in biota, sediment and seawater, nutrients in seawater and station characteristics.
NRT03: Near real-time ozone data ⁽¹⁾		Highly reliable data provision (96%) and satisfactory spatial coverage.
WISE1: Emissions to water ⁽¹⁾		Data delivered on time. Nutrients and organic matter emission discharges not provided for determinands from diffuse sources and for 8 determinands from point sources that are split for urban and industrial discharges. Hazardous substances emission discharges provided for 18 determinands from point sources that are split for E-PRTR facilities and non E-PRTR facilities. 2 nutrient determinands from diffuse sources were reported in past years.
















⁽¹⁾ The scores are provided for information only.

Table 2.24 Data flow analysis for Luxembourg

Data flow name	Progress 2011–2012	Remark
AE1: LRTAP data		Delivery to CDR within permitted time period (16 February 2012). Requested length of time series provided for criteria pollutants except PM ₁₀ .
AE1b: NEC data		Inventory delivered on time for years 1990–2010. Requested format used. National inventory report not provided.
AE2: UNFCCC data		Complete time series on time in CDR as delivered for the EU monitoring mechanism. CRF XML format provided. National inventory report available. Delivery of same version provided on time to UNFCCC.
AE2b: EU GHG data		Full time series (1990–2010) delivered on time in CDR for all gases in the criteria. CRF XML format provided. No inventory report also provided.
AQ1: EoI data		Data delivered on time. Data on particulate matter available for 2010. More than 50 % active stations monitoring PM ₁₀ plus monitoring of smaller particulates. No data provided for 4 th Daughter Directive pollutants. Response to feedback report provided in CDR.
AQ2: Air quality questionnaire		Questionnaire delivered on time in CDR. Forms 8 and 9 contain information on whether 2010 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. Information provided for 4 th Daughter Directive. EoI codes provided in Forms 3 and 4 for stations used in the assessment. Station type provided in Form 4. Declaration provided that boundary information has not changed from previous year. Geospatial data provided.
AQ2b: Monthly and summer ozone data		All monthly reports for 2011 provided on time in CDR. Full summer report delivered on time. Requested metadata provided.
CDDA1: Designated areas		No updated data delivery, or confirmation of draft provided by EEA, available in CDR by 1 May 2012.
E-PRTR1: European Pollutant Release and Transfer Register		Data delivery on time to CDR. Data in specified xml format. Completeness report not provided.
EWN1: River quality		Data delivered on time and in the requested format. Monitoring stations with coordinates provided. Data on 5 preferred SoE nutrient delivered. Hazardous substances data delivered. Proxy pressures data provided. Long time series on nutrients available.
EWN2: Lake quality	N/A	Country does not have any relevant lake.
EWN3: Groundwater quality		Data delivered on time and in the requested format. Data for 3 of the 5 requested chemical substances provided, all in disaggregated form. Monitoring sites with coordinates and links to GW bodies provided. GIS data of GW bodies and list of GW bodies with most important attributes and pressure data provided.
EWN4: Water quantity ⁽¹⁾	N/A	Country did not participate in this data flow.
ME1: Marine data	N/A	Country does not have a coastline.
NRTO3: Near real-time ozone data ⁽¹⁾		Satisfactory spatial coverage and highly reliable data provision (93%) during the ozone season.
WISE1: Emissions to water ⁽¹⁾		No data delivery under WISE-SoE data collection 2011.











⁽¹⁾ The scores are provided for information only.

Table 2.25 Data flow analysis for Malta

Data flow name	Progress 2011–2012	Remark
AE1: LRTAP data		Delivery on time in CDR. Shorter length of time series provided for criteria pollutants (2000–2010). LRTAP/EMEP emission inventory status report also provided.
AE1b: NEC data		Data delivered with delay to CDR (14 February 2012). Inventory provided for years 2000–2010.
AE2: UNFCCC data		Complete time series delivered with a slight delay (18 April 2012) in CDR but provided on time to UNFCCC. National inventory report provided. CRF XML format provided. National inventory report provided.
AE2b: EU GHG data		Data delivered with slight delay (16 January 2012). Full time series (1990–2010) delivered in CDR for all gases in the criteria. CRF XML format provided. Short inventory report also provided.
AQ1: EoI data		Data delivered with significant delay (27 January 2012). Delivery too late for normal feedback procedure.
AQ2: Air quality questionnaire		Questionnaire delivered with significant delay (14 February 2012).
AQ2b: Monthly and summer ozone data		Four monthly reports for 2010 provided on time in CDR. Reports were delayed for April (17 June) and September (1 November). Summer report delivered with delay (26 November). Requested metadata available.
CDDA1: Designated areas		Delivery provided with delay (25 April 2012). Xml files required for automatic QA not provided.
E-PRTR1: European Pollutant Release and Transfer Register		Data delivery late to CDR (20 April 2012). Data in specified xml format. Completeness report available.
EWN1: River quality	N/A	No data delivery under WISE SoE data collection 2011.
EWN2: Lake quality		No data delivery under WISE-SoE data collection 2011.
EWN3: Groundwater quality		No data delivery under WISE-SoE data collection 2011. No communication.
EWN4: Water quantity ⁽¹⁾		Reported data relevant to Water Quantity in Eurostat/OECD JQ 2010.
ME1: Marine data		No data delivery under Eionet-Water data collection 2011.
NRT03: Near real-time ozone data ⁽¹⁾		Satisfactory spatial coverage and reliable data provision (60%) during the ozone season.
WISE1: Emissions to water ⁽¹⁾		No data delivery under WISE-SoE data collection 2011.

⁽¹⁾ The scores are provided for information only.

Table 2.26 Data flow analysis for Montenegro

Data flow name	Progress 2011–2012	Remark
AE1: LRTAP data		No information available in CDR on 15 May 2012.
AE1b: NEC data	N/A	Data flow is relevant for EU MS countries only.
AE2: UNFCCC data		No information available in CDR (15 May 2012).
AE2b: EU GHG data	N/A	Data flow is relevant for EU MS countries only.
AQ1: EoI data		Data delivered on time. Data on particulate matter available for 2010. More than 50 % active stations monitoring PM ₁₀ . Response to feedback report provided in CDR.
AQ2: Air quality questionnaire	N/A	Participation in the 2011 data flow is voluntary for countries which are not EU Member States. Questionnaire delivered with delay in CDR (15 Nov 2011). Forms 8 and 9 contain information on whether 2010 pollutant levels exceeded or did not exceed the values specified in the air quality legislation for two of the three zones and agglomerations listed in Form 2. Metadata available for the stations declared in Forms 3 and 4. No boundary information available for the zones.
AQ2b: Monthly and summer ozone data		All monthly reports for 2011 provided on time in CDR. Summer report delivered on time. Requested metadata provided.
CDDA1: Designated areas		No updated data delivery, or confirmation of draft provided by EEA, available in CDR by 1 May 2012.
E-PRTR1: European Pollutant Release and Transfer Register	N/A	Country did not participate in this data flow.
EWN1: River quality		Data delivered on time, but not in the requested format. No feedback to reported issues. Monitoring stations provided without coordinates. Data for the 5 preferred SoE nutrient groups not delivered. Hazardous substances data not delivered. Proxy pressures data not provided. Very short time series on nutrients available.
EWN2: Lake quality		Data delivered on time and in the requested format. Monitoring stations provided but coordinates are not in the requested format. Data for the 5 preferred SoE nutrient groups delivered. Hazardous substances data not delivered. Proxy pressures data not provided. Only short time series on nutrients available. No reply to critical QA issues on previously reported data.
EWN3: Groundwater quality		Data delivered on time and in the requested format. Data for 4 of the 5 requested chemical substances provided, all in disaggregated form. Monitoring sites with coordinates and links to municipalities provided - since GW bodies are not yet delineated at national level, municipalities are used as the spatial unit to which stations are assigned (temporary solution). Reply to critical QA issues on previously reported data received.
EWN4: Water quantity ⁽¹⁾	N/A	Country did not participate in this data flow.
ME1: Marine data		Data delivered on time. Data provided on: nutrients in seawater and station characteristics.
NRTO3: Near real-time ozone data ⁽¹⁾	N/A	Country did not participate in this data flow.
WISE1: Emissions to water ⁽¹⁾		Delivery not in requested format. It could not be processed.

⁽¹⁾ The scores are provided for information only.

Table 2.27 Data flow analysis for the Netherlands

















Data flow name	Progress 2011–2012	Remark
AE1: LRTAP data		Delivery on time in CDR. Requested length of time series provided for criteria pollutants. LRTAP/EMEP emission inventory status report also provided.
AE1b: NEC data		Inventory delivered on time for years 2009–2010. Projections available for 2010, 2015, 2020 and 2030. Requested format used. National inventory report not provided.
AE2: UNFCCC data		Complete time series on time in CDR. National inventory report provided. CRF XML format provided but in a zip file so that automatic QA cannot be applied. Public access has been restricted to all files. Delivery on time to UNFCCC.
AE2b: EU GHG data		Full time series (1990–2010) 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 2010. More than 50 % active stations monitoring PM ₁₀ plus monitoring of smaller particulates. Data provided for 4 th Daughter Directive pollutants. Historical data provided. Response to feedback report provided in CDR.
AQ2: Air quality questionnaire		Questionnaire delivered on time to Central Data Repository. Forms 8 and 9 contain information on whether 2010 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. Information provided for 4 th Daughter Directive. EoI codes provided in Forms 3 and 4 for stations used in the assessment. Station type provided in Form 4. Declaration provided that boundary information has not changed from previous year.
AQ2b: Monthly and summer ozone data		All monthly reports for 2011 provided on time in CDR. Full summer report delivered on time. Requested metadata provided.
CDDA1: Designated areas		Data delivered on time: 305 sites reported. 100 % have required information. Boundary data provided for all sites.
E-PRTR1: European Pollutant Release and Transfer Register		Data delivery on time to CDR. Data in specified xml format. Completeness report available.

Table 2.27 Data flow analysis for the Netherlands (continued)

Data flow name	Progress 2011–2012	Remark
EWN1: River quality		Data delivered on time and in the requested format. Monitoring stations with coordinates provided. Data for the 5 preferred SoE nutrient groups delivered. Hazardous substances data delivered. Proxy pressures data not provided. Some long time series on nutrients available.
EWN2: Lake quality		Data delivered on time and in the requested format. Monitoring stations with coordinates provided. Data for the 5 preferred SoE nutrient groups delivered. Hazardous substances data delivered. Proxy pressures data not provided. Long time series on nutrients available. No reply to critical QA issues on previously reported data.
EWN3: Groundwater quality		Data delivered on time and in the requested format. Data for 2 of the 5 requested chemical substances provided but all in aggregated form. No monitoring sites provided. GIS data for GW bodies and list of GW bodies with most important attributes and pressure data provided.
EWN4: Water quantity ⁽¹⁾		Reported data relevant to Water Quantity in Eurostat/OECD JQ 2010.
ME1: Marine data		Data delivered on time. Data provided on: hazardous substances in seawater, nutrients in seawater and station characteristics. Data on hazardous substances in biota provided via ICES.
NRTO3: Near real-time ozone data ⁽¹⁾		Satisfactory spatial coverage of active stations and highly reliable data provision (95%) during the ozone season.
WISE1: Emissions to water ⁽¹⁾		Data delivered on time. Nutrients and organic matter emission discharges provided for 2 determinands from diffuse sources and 3 determinands from point sources that are split for urban and industrial discharges. Hazardous substances emission discharges provided for 84 determinands from diffuse sources and 72 determinands from point sources that are split for E-PRTR facilities and non E-PRTR facilities.

⁽¹⁾ The scores are provided for information only.

Table 2.28 Data flow analysis for Norway















Data flow name	Progress 2011–2012	Remark
AE1: LRTAP data		Delivery on time in CDR. Requested length of time series provided for criteria pollutants. LRTAP/EMEP emission inventory status report also provided.
AE1b: NEC data	N/A	Data flow is relevant for EU MS countries only.
AE2: UNFCCC data		Complete time series on time in CDR. National inventory report provided. CRF XML format provided but in a zip file so that automatic QA cannot be applied. Delivery on time to UNFCCC.
AE2b: EU GHG data	N/A	Data flow is relevant for EU MS countries only.
AQ1: EoI data		Data delivered on time. Data on particulate matter available for 2010. More than 50 % active stations monitoring PM ₁₀ plus monitoring of smaller particulates. Data provided for 4 th Daughter Directive pollutants. Historical data provided. Response to feedback report provided in CDR.
AQ2: Air quality questionnaire		Questionnaire delivered on time to Central Data Repository. Forms 8 and 9 contain information on whether 2010 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. The information for 4 th Daughter Directive. was included in a revised delivery. No information provided for lead. EoI codes provided in Forms 3 and 4 for stations used in the assessment. Station type provided in Form 4. No declaration provided on whether boundary information has changed from previous year.
AQ2b: Monthly and summer ozone data		All monthly reports for 2011 provided on time in CDR. Full summer report delivered on time. Requested metadata provided.
CDDA1: Designated areas		Delivery in CDR within time limits (19/03/2012): 2881 sites reported (30 additional). All sites have designations and IUCN category. Information on size is available for all sites other than point features (for example: Natural monuments). Request made for centralized calculation of coordinates for the 50 sites where coordinates not reported. Boundary data provided for all sites.
E-PRTR1: European Pollutant Release and Transfer Register		Data delivery on time to CDR. Data in specified xml format. Completeness report available.

Table 2.28 Data flow analysis for Norway (continued)

Data flow name	Progress 2011–2012	Remark
EWN1: River quality		Data delivered on time and in the requested format. Monitoring stations with coordinates provided. Data for 3 of the 5 preferred SoE nutrient groups delivered. Hazardous substances data delivered. Proxy pressures data provided. Mostly short time series on nutrients available.
EWN2: Lake quality		Data delivered on time and in the requested format. Monitoring stations with coordinates provided. Data for 3 of the 5 preferred SoE nutrient groups delivered. Hazardous substances data delivered. Proxy pressures data provided. Long time series on nutrients available.
EWN3: Groundwater quality		Data delivered on time and in the requested format. Data for 3 of the 5 requested chemical substances provided, all in disaggregated form. Monitoring sites with coordinates and links to GW bodies provided. List of GW bodies with most important attribute data provided. GIS data missing.
EWN4: Water quantity ⁽¹⁾		Reported data relevant to Water Quantity in Eurostat/OECD JQ 2010.
ME1: Marine data		Data delivered on time. Data provided on: hazardous substances in biota and station characteristics.
NRTO3: Near real-time ozone data ⁽¹⁾		Satisfactory spatial coverage and highly reliable data provision (91%) during the ozone season.
WISE1: Emissions to water ⁽¹⁾		No data delivery under WISE-SoE data collection 2011.

⁽¹⁾ The scores are provided for information only.

Table 2.29 Data flow analysis for Poland

















Data flow name	Progress 2011–2012	Remark
AE1: LRTAP data		Partial time series (2005, 2009, 2010) delivered on time in CDR for criteria pollutants. LRTAP/EMEP emission inventory status report also provided.
AE1b: NEC data		Inventory delivered on time for years 2009–2010. Projections available for 2010. Requested format used. National inventory report provided.
AE2: UNFCCC data		Complete time series on time in CDR as delivered for EU monitoring mechanism. National inventory report provided. CRF XML format provided. Same version delivered on time to UNFCCC.
AE2b: EU GHG data		Full time series (1988–2010) 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 2010. More than 50 % active stations monitoring PM ₁₀ plus monitoring of smaller particulates. Data provided for 4 th Daughter Directive pollutants. Response to feedback report provided in CDR.
AQ2: Air quality questionnaire		Questionnaire delivered on time in CDR. Forms 8 and 9 contain information on whether 2010 pollutant levels exceeded or did not exceed the values specified in the air quality legislation for the 46 zones and agglomerations listed in Form 2. Information provided for 4 th Daughter Directive. EoI codes provided in Forms 3 and in Form 4. Station type provided in Form 4. Declaration provided that boundary information has changed from previous year. Information on correspondence between zones and administrative units provided.
AQ2b: Monthly and summer ozone data		All monthly reports for 2011 provided on time in CDR. Full summer report delivered on time. Requested metadata provided.
CDDA1: Designated areas		Delivery in CDR within time limits (26/03/2012): 2186 sites reported. All sites have a designation and a IUCN category. 1944 sites have information on their size (90%). 1842 sites have coordinates (84%). Boundaries are now provided for 72 % of the sites (1583).
E-PRTR1: European Pollutant Release and Transfer Register		Data delivery on time to CDR. Data in specified xml format. Completeness report not provided.

Table 2.29 Data flow analysis for Poland (continued)

Data flow name	Progress 2011–2012	Remark
EWN1: River quality		Data delivered on time and in the requested format. Feedback to reported issues provided. Monitoring stations with coordinates provided. Data for 3 of the 5 preferred SoE nutrient groups delivered. Hazardous substances data delivered. Proxy pressures data provided. Some long time series on nutrients available.
EWN2: Lake quality		Data delivered with a delay (27 Dec 2011) but in the requested format. Monitoring stations with coordinates provided. Data for 4 of the 5 preferred SoE nutrient groups delivered. Hazardous substances data delivered. Proxy pressures data not provided for all stations. Long time series on nutrients available. No reply to critical QA issues on previously reported data.
EWN3: Groundwater quality		Data delivered on time and in the requested format. Data for 4 of the 5 requested chemical substances provided, all in disaggregated form. Monitoring sites with coordinates and links to GW bodies provided. GIS data for GW bodies and list of GW bodies with most important attributes and pressure data provided.
EWN4: Water quantity ⁽¹⁾		Reported data relevant to Water Quantity in Eurostat/OECD JQ 2010.
ME1: Marine data		Data delivered on time. Data provided on: hazardous substances in seawater, nutrients in seawater and station characteristics. Data on hazardous substances in biota provided via ICES.
NRT03: Near real-time ozone data ⁽¹⁾		Satisfactory spatial coverage and reliable data provision (78%) during the ozone season.
WISE1: Emissions to water ⁽¹⁾		No data delivery under WISE-SoE data collection 2011.

⁽¹⁾ The scores are provided for information only.

Table 2.30 Data flow analysis for Portugal

















Data flow name	Progress 2011–2012	Remark
AE1: LRTAP data		Delivery on time in CDR. Requested length of time series provided for criteria pollutants. LRTAP/EMEP emission inventory status report also provided.
AE1b: NEC data		Inventory delivered on time for years 1990–2010. Projections available for 2020. Requested format not used. National inventory report not provided.
AE2: UNFCCC data		Complete time series on time in CDR as delivered for EU monitoring mechanism. National inventory report provided. CRF XML format provided. Delivery on time to UNFCCC.
AE2b: EU GHG data		Full time series (1990–2010) 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 2010. More than 50 % active stations monitoring PM ₁₀ plus monitoring of smaller particulates. Data provided for 4 th Daughter Directive pollutants. Historical data provided. Response to feedback report provided in CDR.
AQ2: Air quality questionnaire		Questionnaire delivered on time in CDR. Forms 8 and 9 contain information on whether 2010 pollutant levels exceeded or did not exceed the values specified in the air quality legislation for the 28 zones and agglomerations listed in Form 2. Information provided for 4 th Daughter Directive. EoI codes provided in Forms 3 and 4 for stations used in the assessment. Station type provided in Form 4. Additional report on pollution by natural events provided. Number of zones has changed been changed but no information on zone boundaries provided in CDR.
AQ2b: Monthly and summer ozone data		All monthly reports for 2011 provided on time in CDR. Full summer report delivered on time. Requested metadata provided.
CDDA1: Designated areas		Data delivered on time: 224 sites reported. 100 % have required information. Boundary data provided for all sites. Please clarify the identifiers used in the spatial files with ETC BD.
E-PRTR1: European Pollutant Release and Transfer Register		Data delivery on time to CDR. Data in specified xml format. Completeness report available.

Table 2.30 Data flow analysis for Portugal (continued)

Data flow name	Progress 2011–2012	Remark
EWN1: River quality		Data delivered on time and in the requested format. Monitoring stations with coordinates provided. Data for 4 of the 5 preferred SoE nutrient groups delivered. Hazardous substances data delivered. Proxy pressures data provided. Very short time series on nutrients available.
EWN2: Lake quality		Data delivered on time and in the requested format. Monitoring stations with coordinates provided. Data for 4 of the 5 preferred SoE nutrient groups delivered. Hazardous substances data delivered. Proxy pressures data provided. Long time series on nutrients available. No reply to critical QA issues on previously reported data.
EWN3: Groundwater quality		Data delivered with a delay but in the requested format. Data for 3 of the 5 requested chemical substances provided, all in disaggregated form. Monitoring sites with coordinates and links to GW bodies provided. GIS data for GW bodies and list of GW bodies with most important attributes and pressure data provided.
EWN4: Water quantity ⁽¹⁾		Reported data relevant to Water Quantity in Eurostat/OECD JQ 2010.
ME1: Marine data		No data delivery under Eionet-Water data collection 2011.
NRTO3: Near real-time ozone data ⁽¹⁾		Satisfactory spatial coverage of active stations and highly reliable data provision (84%) during the ozone season.
WISE1: Emissions to water ⁽¹⁾		No data delivery under WISE-SoE data collection 2011.

⁽¹⁾ The scores are provided for information only.

Table 2.31 Data flow analysis for Romania




























Data flow name	Progress 2011–2012	Remark
AE1: LRTAP data		Partial time series (2007–2010) delivered on time in CDR for criteria pollutants. LRTAP/EMEP emission inventory status report also provided.
AE1b: NEC data		Inventory delivered on time for years 2005–2010. Projections available for 2010. Requested format used. National inventory report provided.
AE2: UNFCCC data		Complete time series on time in CDR. National inventory report provided. CRF XML format provided. Delivery on time to UNFCCC.
AE2b: EU GHG data		Full time series (1989–2010) delivered on time in CDR for all gases in the criteria. CRF XML format provided. No preliminary inventory report provided with the January delivery. National inventory report provided 15 March 2012.
AQ1: EoI data		Data delivered on time. Data on particulate matter available for 2010. More than 50 % active stations monitoring PM ₁₀ plus monitoring of smaller particulates. Data provided for 4 th Daughter Directive pollutants. Response to feedback report provided but not available in CDR.
AQ2: Air quality questionnaire		Questionnaire delivered on time in CDR. Forms 8 and 9 contain information on whether 2010 pollutant levels exceeded or did not exceed the values specified in the air quality legislation for the 21 zones and agglomerations listed in Form 2. Information provided for 4 th Daughter Directive except for benzo. EoI codes provided in Forms 3 and 4 for stations used in the assessment. Station type provided in Form 4. No declaration provided on whether boundary information has changed from previous year.
AQ2b: Monthly and summer ozone data		All monthly reports for 2011 provided on time in CDR. Full summer report delivered on time. Requested metadata provided.
CDDA1: Designated areas		Delivery on time: 978 sites provided. 100 % of records have designation and IUCN category, size and coordinates. Boundary data provided for 853 sites (87%).
E-PRTR1: European Pollutant Release and Transfer Register		Data delivery on time to CDR. Data in specified xml format. Completeness report available.

Table 2.31 Data flow analysis for Romania (continued)

Data flow name	Progress 2011–2012	Remark
EWN1: River quality		Data delivered on time and in the requested format. No feedback to reported issues. Monitoring stations with coordinates provided. Data for the 5 preferred SoE nutrient groups delivered. Hazardous substances data delivered. Proxy pressures data not provided. Some long time series on nutrients available.
EWN2: Lake quality		Data delivered on time and in the requested format. Monitoring stations with coordinates provided. Data for the 5 preferred SoE nutrient groups delivered. Hazardous substances data delivered. Proxy pressures data not provided. Long time series on nutrients available. No reply to critical QA issues on previously reported data.
EWN3: Groundwater quality		Data delivered on time and in the requested format. Data for 4 of the 5 requested chemical substances provided but all in aggregated form. GIS data for GW bodies and list of GW bodies with most important attributes and pressure data provided.
EWN4: Water quantity ⁽¹⁾		Data delivered on time. Reported only regional data. Reported: 17 regional parameters at country level in annual scale. Did not report the total number of available stations.
ME1: Marine data		Data delivered on time. Data provided on: hazardous substances in biota, sediment and seawater, nutrients in seawater and station characteristics.
NRTO3: Near real-time ozone data ⁽¹⁾		Satisfactory spatial coverage and reliable data provision (68%) during the ozone season.
WISE1: Emissions to water ⁽¹⁾		Data delivered on time. Nutrients and organic matter emission discharges not provided for determinands from diffuse sources and for 7 determinands from point sources that are split for urban and industrial discharges. Hazardous substances emission discharges provided for 7 determinands from point sources that are not split for E-PRTR facilities and non E-PRTR facilities. 2 nutrient determinands from diffuse sources were reported in past years.

⁽¹⁾ The scores are provided for information only.

Table 2.32 Data flow analysis for Serbia

Data flow name	Progress 2011–2012	Remark
AE1: LRTAP data		Partial time series (2000–2010) delivered on time in CDR. LRTAP/EMEP emission inventory status report also available.
AE1b: NEC data	N/A	Data flow is relevant for EU MS countries only.
AE2: UNFCCC data		No information available in CDR (15 May 2012).
AE2b: EU GHG data	N/A	Data flow is relevant for EU MS countries only.
AQ1: EoI data		Data delivered on time. Data on particulate matter available for 2010. More than 50 % active stations monitoring Black Smoke plus some monitoring of PM ₁₀ . Response to feedback report provided in CDR.
AQ2: Air quality questionnaire	N/A	Participation in the 2011 data flow is voluntary for countries which are not EU Member States.
AQ2b: Monthly and summer ozone data		All monthly reports for 2011 provided on time in CDR. Full summer report delivered on time. Requested metadata provided.
CDDA1: Designated areas		Delivery on time: 234 sites reported. All sites have designations, IUCN categories and coordinates. 204 of the sites have information on size (87%). No site boundaries available yet.
E-PRTR1: European Pollutant Release and Transfer Register		Data delivery on time to CDR. Data in specified xml format. Completeness report not provided.
EWN1: River quality		Data delivered on time and in the requested format. Monitoring stations with coordinates provided. Data for the 5 preferred SoE nutrient groups delivered. Hazardous substances data delivered. Proxy pressures data not provided. Short time series on nutrients available.
EWN2: Lake quality		Data delivered on time and in the requested format. Monitoring stations with coordinates provided. Data for the 5 preferred SoE nutrient groups delivered. Hazardous substances data delivered. Proxy pressures data not provided. Long time series on nutrients available. No reply to critical QA issues on previously reported data.
EWN3: Groundwater quality		Data delivered on time and in the requested format. Data for 3 of the 5 requested chemical substances provided, all in disaggregated form. Monitoring sites with coordinates and links to GW bodies provided. List of GW bodies with most important attributes data provided. GIS data missing.
EWN4: Water quantity ⁽¹⁾		Data delivered on time. Reported only point data. Reported 89 streamflow stations at country level. Did not report the total number of available stations.
ME1: Marine data	N/A	Country does not have a coastline.
NRTO3: Near real-time ozone data ⁽¹⁾	N/A	Country did not participate in this data flow.
WISE1: Emissions to water ⁽¹⁾		No data delivery under WISE-SoE data collection 2011.

⁽¹⁾ The scores are provided for information only.

Table 2.33 Data flow analysis for Slovakia
















Data flow name	Progress 2011–2012	Remark
AE1: LRTAP data		Partial time series (2000–2010) delivered on time in CDR. LRTAP/EMEP emission inventory status report also available.
AE1b: NEC data		Inventory delivered on time for years 2000–2010. Projections (from 2009) provided for 2010, 2015, 2020, 2030 and 2050. Requested format not used. National inventory report provided.
AE2: UNFCCC data		Delivery to CDR on time. CRF XML format provided. Partial national inventory report provided. Delivery on time to UNFCCC.
AE2b: EU GHG data		Full time series (1990–2010) delivered on time in CDR for all gases in the criteria. CRF XML format provided. Short inventory report also provided (17 January 2012).
AQ1: EoI data		Data delivered on time. Data on particulate matter available for 2010. More than 50 % active stations monitoring PM ₁₀ plus monitoring of smaller particulates. Data provided for 4 th Daughter Directive pollutants. Response to feedback report provided in CDR.
AQ2: Air quality questionnaire		Questionnaire delivered on time in CDR. Forms 8 and 9 contain information on whether 2010 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. Information provided for 4 th Daughter Directive. EoI codes provided in Forms 3 and 4 for stations used in the assessment. Station type provided in Form 4. Declaration provided that boundary information has not changed from previous year.
AQ2b: Monthly and summer ozone data		All monthly reports for 2011 provided on time in CDR. Full summer report delivered on time. Requested metadata provided.
CDDA1: Designated areas		Delivery in CDR within time limits (22/03/2012): 1148 sites reported. All sites have the required information on IUCN category designation code, size and coordinates. Boundaries are provided for 1124 sites (98%).
E-PRTR1: European Pollutant Release and Transfer Register		Data delivery on time to CDR. Data in specified xml format. Completeness report available.

Table 2.33 Data flow analysis for Slovakia (continued)

Data flow name	Progress 2011–2012	Remark
EWN1: River quality		Data delivered on time and in the requested format. Monitoring stations with coordinates provided. Data for the 5 preferred SoE nutrient groups delivered. Hazardous substances data delivered. Proxy pressures data provided. Some long time series on nutrients available.
EWN2: Lake quality		Data delivered on time and in the requested format. Monitoring stations with coordinates provided. Data for the 5 preferred SoE nutrient groups not delivered. Hazardous substances data delivered. Proxy pressures data provided. No reply to critical QA issues on previously reported data.
EWN3: Groundwater quality		Data delivered on time and in the requested format. Data for all 5 requested chemical substances provided, all in disaggregated form. Monitoring sites with coordinates and links to GW bodies provided. GIS data for GW bodies and list of GW bodies with most important attributes and pressure data provided.
EWN4: Water quantity ⁽¹⁾		Data delivered on time. Reported both regional and point data. Reported: 22 regional parameters at RBD level for 100 % of the RBDs of which 100 % in monthly scale. Did not report the total number of available stations.
ME1: Marine data	N/A	Country does not have a coastline.
NRTO3: Near real-time ozone data ⁽¹⁾		Satisfactory spatial coverage and reliable data provision (60%) during the ozone season.
WISE1: Emissions to water ⁽¹⁾		Data delivered on time. Nutrients and organic matter emission discharges not provided for determinands from diffuse sources and for 4 determinands from point sources that are split for urban and industrial discharges. Hazardous substances emission discharges provided for 20 determinands from point sources that are not split for E-PRTR facilities and non E-PRTR facilities.

⁽¹⁾ The scores are provided for information only.

Table 2.34 Data flow analysis for Slovenia

















Data flow name	Progress 2011–2012	Remark
AE1: LRTAP data		Delivery on time in CDR. Requested length of time series provided for criteria pollutants. LRTAP/EMEP emission inventory status report not provided.
AE1b: NEC data		Inventory delivered on time for years 2009–2010. Projections (from 2009) provided for 2010, 2015, 2020 and 2030. Requested format used. National inventory report not provided.
AE2: UNFCCC data		Complete time series available on time in CDR. National inventory report provided. CRF XML format provided. Delivery on time to UNFCCC.
AE2b: EU GHG data		Full time series (1986–2010) 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 2010. More than 50 % active stations monitoring PM ₁₀ plus monitoring of smaller particulates. Data provided for 4 th Daughter Directive pollutants. Historical data provided. Response to feedback report provided in CDR.
AQ2: Air quality questionnaire		Questionnaire delivered on time in CDR. Forms 8 and 9 contain information on whether 2010 pollutant levels exceeded or did not exceed the values specified in the air quality legislation for the 12 zones and agglomerations listed in Form 2. Information provided for 4 th Daughter Directive. 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 as codes for administrative units (LAU) in Form 2. Declaration provided that boundary information has not changed from previous year.
AQ2b: Monthly and summer ozone data		Five monthly reports for 2011 provided on time in CDR. Information for September and Summer report delivered with delay (21 November).
CDDA1: Designated areas		Delivery on time: 1947 sites reported. All sites have designations and IUCN categories. 1860 sites (more than 95%) have information on size. Coordinates and boundary data has been provided for 1945 sites (more than 99%).
E-PRTR1: European Pollutant Release and Transfer Register		Data delivery on time to CDR. Data in specified xml format. Completeness report available.

Table 2.34 Data flow analysis for Slovenia (continued)

Data flow name	Progress 2011–2012	Remark
EWN1: River quality		Data delivered on time and in the requested format. Monitoring stations with coordinates provided. Data for the 5 preferred SoE nutrient groups delivered. Hazardous substances data delivered. Proxy pressures data not provided for all stations. Long time series on nutrients available.
EWN2: Lake quality		Data delivered on time and in the requested format. Monitoring stations with coordinates provided. Data for the 5 preferred SoE nutrient groups delivered. Hazardous substances data delivered. Proxy pressures data not provided. Long time series on nutrients available. No reply to critical QA issues on previously reported data.
EWN3: Groundwater quality		Data delivered on time and in the requested format. Data for 4 of the 5 requested chemical substances provided, all in disaggregated form. Monitoring sites with coordinates and links to GW bodies provided. GIS data for GW bodies and list of GW bodies with most important attributes and pressure data provided.
EWN4: Water quantity ⁽¹⁾		Data delivered on time. Reported both regional and point data. Reported: 40 regional parameters at country level in annual scale. Did not report the total number of available stations.
ME1: Marine data		Data delivered on time. Data provided on: hazardous substances in seawater, nutrients in seawater.
NRTO3: Near real-time ozone data ⁽¹⁾		Satisfactory spatial coverage of active stations and highly reliable data provision (92%) during the ozone season.
WISE1: Emissions to water ⁽¹⁾		Data delivered on time. Nutrients and organic matter emission discharges not provided for determinands from diffuse sources and for 8 determinands from point sources that are split for urban and industrial discharges. Hazardous substances emission discharges provided for 45 determinands from point sources that are not split for E-PRTR facilities and non E-PRTR facilities.

⁽¹⁾ The scores are provided for information only.

Table 2.35 Data flow analysis for Spain

















Data flow name	Progress 2011–2012	Remark
AE1: LRTAP data		Delivery on time in CDR. Requested length of time series provided for criteria pollutants.
AE1b: NEC data		Data delivered with delay to CDR (13 January 2012). Inventory provided for years 1990–2010. Projections available for 2010, 2015 and 2020. Inventory report provided. Requested format used.
AE2: UNFCCC data		Complete time series available in CDR with a slight delay (18 April 2011). Slight delay also in delivery to UNFCCC (17 April 2012). National inventory report and CRF XML format available.
AE2b: EU GHG data		Full time series (1990–2010) 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 2010. More than 50 % active stations monitoring PM ₁₀ plus monitoring of smaller particulates. Data provided for 4 th Daughter Directive pollutants. Historical data provided. Response to feedback report provided in CDR.
AQ2: Air quality questionnaire		Questionnaire delivered on time in CDR. Forms 8 and 9 contain information on whether 2010 pollutant levels exceeded or did not exceed the values specified in the air quality legislation for the 157 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. Declaration provided that boundary information has changed from the previous year. 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 for 2011 provided on time in CDR. Full summer report delivered on time. Requested metadata provided.
CDDA1: Designated areas		Delivery in CDR within time limits (23/03/2012): 1557 sites reported. All sites have IUCN category, designation, coordinates and spatial boundaries. Area information provided for 1553 sites (more than 99%).
E-PRTR1: European Pollutant Release and Transfer Register		Data delivery on time to CDR. Data in specified xml format. Completeness report available.

Table 2.35 Data flow analysis for Spain (continued)

Data flow name	Progress 2011–2012	Remark
EWN1: River quality		Data delivered on time and in the requested format. No feedback to reported issues. Monitoring stations with coordinates provided. Data for the 5 preferred SoE nutrient groups delivered. Proxy pressures data provided. Long time series on nutrients available.
EWN2: Lake quality		Data delivered on time and in the requested format. Monitoring stations with coordinates provided. Data for the 5 preferred SoE nutrient groups delivered. Hazardous substances data delivered. Proxy pressures data provided. Only short time series on nutrients available. Reply to critical QA issues on previously reported data received.
EWN3: Groundwater quality		Data delivered on time and in the requested format. Data for 4 of the 5 requested chemical substances provided but all in aggregated form. Monitoring sites with coordinates and links to GW bodies provided. GIS data for GW bodies and list of GW bodies with most important attributes and pressure data provided.
EWN4: Water quantity ⁽¹⁾		Data delivered on time but not in the requested format.
ME1: Marine data		Data delivered on time. Data provided on: hazardous substances in biota, sediment and seawater, nutrients in seawater, direct discharge and station characteristics.
NRTO3: Near real-time ozone data ⁽¹⁾		Satisfactory spatial coverage of active stations and highly reliable data provision (83%) during the ozone season.
WISE1: Emissions to water ⁽¹⁾		No data delivery under WISE-SoE data collection 2011.

⁽¹⁾ The scores are provided for information only.

Table 2.36 Data flow analysis for Sweden

















Data flow name	Progress 2011–2012	Remark
AE1: LRTAP data		Delivery on time in CDR. Requested length of time series provided for criteria pollutants. LRTAP/EMEP emission inventory status report also provided.
AE1b: NEC data		Inventory delivered on time for years 1990–2010. Requested format used. National inventory report provided.
AE2: UNFCCC data		Complete time series on time in CDR. National inventory report provided. CRF XML format provided but in a zip file so that automatic QA cannot be applied. Delivery on time to UNFCCC.
AE2b: EU GHG data		Full time series (1990–2010) 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 2010. More than 50 % active stations monitoring PM ₁₀ plus monitoring of smaller particulates. Data provided for 4 th Daughter Directive pollutants. Historical data provided. Response to feedback report provided in CDR.
AQ2: Air quality questionnaire		Questionnaire delivered on time in CDR. Forms 8 and 9 contain information on whether 2010 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. Information provided for 4 th Daughter Directive. 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 as codes for administrative units (LAU) in Form 2. No declaration on whether boundary information has changed from previous year.
AQ2b: Monthly and summer ozone data		All monthly reports for 2011 provided on time in CDR. Full summer report delivered on time. Requested metadata provided.
CDDA1: Designated areas		Delivery on time: 12924 sites reported (approximately 100 additional). All have information on designation, size, coordinates and IUCN category and boundaries.
E-PRTR1: European Pollutant Release and Transfer Register		Data delivery on time to CDR. Data in specified xml format. Completeness report available.

Table 2.36 Data flow analysis for Sweden (continued)

Data flow name	Progress 2011–2012	Remark
EWN1: River quality		Data delivered on time and in the requested format. Feedback to reported issues provided. Monitoring stations with coordinates provided. Data for the 5 preferred SoE nutrient groups delivered. Hazardous substances data delivered. Proxy pressures data provided. Some long time series on nutrients available.
EWN2: Lake quality		Data delivered on time and in the requested format. Monitoring stations with coordinates provided. Data for the 5 preferred SoE nutrient groups delivered. Hazardous substances data delivered. Proxy pressures data provided. Long time series on nutrients available. Reply to critical QA issues on previously reported data received.
EWN3: Groundwater quality		Data delivered on time and in the requested format. Data for 3 of the 5 requested chemical substances provided, all in disaggregated form. Monitoring sites with coordinates and links to GW bodies provided. GIS data for GW bodies and list of GW bodies with most important attributes and pressure data provided.
EWN4: Water quantity ⁽¹⁾		Data delivered on time. Reported only point data. Reported 77 groundwater wells at RBD level. Did not report streamflow data and reservoir data.
ME1: Marine data		Data delivered on time. Data provided on: nutrients in seawater, riverine inputs, direct discharge and station characteristics. Data on hazardous substances in biota provided via ICES.
NRTO3: Near real-time ozone data ⁽¹⁾		Highly reliable data provision (95%) during the ozone season and spatial coverage of active stations sufficient.
WISE1: Emissions to water ⁽¹⁾		Data delivered on time. Nutrients and organic matter emission discharges provided for 2 determinands from diffuse sources and 8 determinands from point sources that are split for urban and industrial discharges. Hazardous substances emission discharges provided for 40 determinands from point sources that are split for E-PRTR facilities and non E-PRTR facilities. 2 nutrient determinands from diffuse sources were reported in past years.

⁽¹⁾ The scores are provided for information only.

Table 2.37 Data flow analysis for Switzerland

























Data flow name	Progress 2011–2012	Remark
AE1: LRTAP data		Delivery on time in CDR. Requested length of time series provided for criteria pollutants. LRTAP/EMEP emission inventory status report also provided.
AE1b: NEC data	N/A	Data flow is relevant for EU MS countries only.
AE2: UNFCCC data		Complete time series on time in CDR. National inventory report provided. CRF XML format provided.
AE2b: EU GHG data	N/A	Data flow is relevant for EU MS countries only.
AQ1: EoI data		Data delivered on time. Data on particulate matter available for 2010. More than 50 % active stations monitoring PM ₁₀ . Historical data provided. Data provided for the 4 th Daughter Directive pollutants. Response to feedback report on this delivery is available in CDR.
AQ2: Air quality questionnaire	N/A	Participation in the 2011 data flow is voluntary for countries which are not EU Member States. Questionnaire relating only to ozone delivered on time in CDR. Four zones and agglomerations are defined in Form 2. EoI codes and station types provided in Form 4 for stations used in the assessment. No information in Form 9 on whether 2010 ozone levels exceeded or did not exceed the values specified in the air quality legislation for the zones and agglomerations listed in Form 2. Declaration that zone boundaries have changed from previous year. No useable information provided for boundary information.
AQ2b: Monthly and summer ozone data		All monthly reports for 2011 provided on time in CDR. Full summer report delivered on time. Requested metadata provided.
CDDA1: Designated areas		Delivery on time: 5876 sites reported. All sites have a designation, IUCN category and size. Boundary data provided for 5582 sites (95%). Coordinates provided or centralized calculation requested for 5856 sites (more than 99%).
E-PRTR1: European Pollutant Release and Transfer Register		Data delivery on time to CDR. Data in specified xml format. Completeness report available.

Table 2.37 Data flow analysis for Switzerland (continued)

Data flow name	Progress 2011–2012	Remark
EWN1: River quality		Data delivered on time and in the requested format. Monitoring stations with coordinates provided. Data for 4 of the 5 preferred SoE nutrient groups delivered. Some hazardous substances data delivered. Proxy pressures data provided. Some long time series on nutrients available.
EWN2: Lake quality		Data delivered on time and in the requested format. Monitoring stations with coordinates provided. Data for the 5 preferred SoE nutrient groups delivered. Hazardous substances data delivered. Proxy pressures data provided. Long time series on nutrients available. Reply to critical QA issues on previously reported data received.
EWN3: Groundwater quality		Data delivered on time and in the requested format. Data for all 5 requested chemical substances provided, all in disaggregated form. Monitoring sites with coordinates and links to GW bodies provided. GIS data for GW bodies and list of GW bodies with most important attributes and pressure data provided.
EWN4: Water quantity ⁽¹⁾		Data delivered on time. Reported both regional and point data. Reported: 29 regional parameters at country level in annual scale and 13 regional parameters at RBD level for 100 % of RBDs in annual scale. Reported point data for 92 % of SUs and 40 % of RBDs. Reported 100 % of available streamflow stations of which 100 % in daily scale, 100 % of available groundwater wells of which 100 % in monthly scale, 100 % of available reservoirs of which 100 % in monthly scale.
ME1: Marine data	N/A	Country does not have a coastline.
NRTO3: Near real-time ozone data ⁽¹⁾		Satisfactory spatial coverage of active stations and highly reliable data provision (99%) during the ozone season.
WISE1: Emissions to water ⁽¹⁾		Data delivered on time. Nutrients and organic matter emission discharges provided for 6 determinands from diffuse sources and 3 determinands from point sources that are split for urban and Industrial discharges. Hazardous substances emission discharges provided for 13 determinands from diffuse sources and 23 determinands from point sources that are split for E-PRTR facilities and non E-PRTR facilities. 6 nutrient determinands from diffuse sources were reported in past years.

⁽¹⁾ The scores are provided for information only.

Table 2.38 Data flow analysis for Turkey

Data flow name	Progress 2011–2012	Remark
AE1: LRTAP data		Partial time series (2010) delivered on time in CDR for three of the requested pollutants. LRTAP/EMEP emission inventory status report also available but restricted from public access.
AE1b: NEC data	N/A	Data flow is relevant for EU MS countries only.
AE2: UNFCCC data		Complete time series in CDR with delay (30 April 2012) but provided on time to UNFCCC. National inventory report provided. CRF XML format not yet available in CDR.
AE2b: EU GHG data	N/A	Data flow is relevant for EU MS countries only.
AQ1: EoI data		Data available on time but uploaded later to CDR because of access difficulties. Data on particulate matter available for 2010. More than 50 % active stations monitoring PM ₁₀ . Response to feedback report provided but not available in CDR.
AQ2: Air quality questionnaire	N/A	Participation in the 2011 data flow is voluntary for countries which are not EU Member States.
AQ2b: Monthly and summer ozone data		All monthly reports for 2011 provided on time in CDR. Full summer report delivered on time. Requested metadata provided. Reporting obligation on delivery envelope for summer report has been modified because delivery was made in the monthly folder.
CDDA1: Designated areas		Delivery provided with delay (4 May 2012). Xml files required for automatic QA not provided.
E-PRTR1: European Pollutant Release and Transfer Register	N/A	Country did not participate in this data flow.
EWN1: River quality		Data delivered on time and in the requested format. Monitoring stations with coordinates provided. Data for 3 of the 5 preferred SoE nutrient groups delivered. Hazardous substances data not delivered. Proxy pressures data not provided. Short time series on nutrients available.
EWN2: Lake quality		Data delivered on time and in the requested format. Monitoring stations not provided. Data on 4 preferred SoE nutrient delivered. Hazardous substances data not delivered. Proxy pressures data not provided. No long time series on nutrients available. No reply to critical QA issues on previously reported data.
EWN3: Groundwater quality		Data delivered on time and in the requested format. Data for 3 of the 5 requested chemical substances data provided, all in disaggregated form. Monitoring sites with coordinates and links to GW bodies provided. List of GW bodies with most important attributes data provided. GIS data missing.
EWN4: Water quantity ⁽¹⁾		Data delivered on time. Reported only point data. Did not give the total number of available stations.
ME1: Marine data		Data delivered on time. Data provided on: nutrients in seawater and station characteristics.
NRTO3: Near real-time ozone data ⁽¹⁾		Highly reliable data provision (85%) during the ozone season but only three reporting stations so spatial coverage is not yet sufficient.
WISE1: Emissions to water ⁽¹⁾		No data delivery under WISE-SoE data collection 2011.

⁽¹⁾ The scores are provided for information only.

Table 2.39 Data flow analysis for the United Kingdom

















Data flow name	Progress 2011–2012	Remark
AE1: LRTAP data		Delivery on time in CDR. Requested length of time series provided for criteria pollutants. LRTAP/EMEP emission inventory status report also provided.
AE1b: NEC data		Inventory delivered on time for years 2005–2010. Requested format partially used. National inventory report not provided.
AE2: UNFCCC data		Complete time series on time in CDR. National inventory report provided. CRF XML format provided. Delivery on time to UNFCCC.
AE2b: EU GHG data		Full time series (1990–2010) 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 2010. More than 50 % active stations monitoring PM ₁₀ plus monitoring of smaller particulates. Data provided for 4 th Daughter Directive pollutants. Historical data provided. Response to feedback report provided in CDR.
AQ2: Air quality questionnaire		Questionnaire delivered on time in CDR. Forms 8 and 9 contain information on whether 2010 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. Information provided for 4 th Daughter Directive. 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 for 2011 provided on time in CDR. Full summer report delivered on time. Requested metadata provided.
CDDA1: Designated areas		Delivery on time. 9120 sites reported (approximately 250 additional). All have information on designation, IUCN category and size. More than 95 % of the sites have coordinates or a request for coordinates to be calculated centrally. Boundary data provided for 9093 sites (more than 99%).
E-PRTR1: European Pollutant Release and Transfer Register		Data delivery on time to CDR. Data in specified xml format. Completeness report available.

Table 2.39 Data flow analysis for the United Kingdom (continued)

Data flow name	Progress 2011–2012	Remark
EWN1: River quality		Data delivered on time and in the requested format. Monitoring stations with coordinates provided. Data for the 5 preferred SoE nutrient groups delivered. Hazardous substances data delivered. Proxy pressures data not provided for all stations. Some long time series on nutrients available.
EWN2: Lake quality		Data delivered on time for Scotland and Northern Ireland but with 1 month delay for England and Wales. Delivery in the requested format. Monitoring stations with coordinates provided. Data for the 5 preferred SoE nutrient groups delivered. Hazardous substances data delivered only for Scotland. Proxy pressures data not provided. Long time series on nutrients available. Reply to critical QA issues on previously reported data received only for England and Wales.
EWN3: Groundwater quality		Data delivered on time except for Scotland (more than 1 month delay) and in the requested format. Extremely large dataset from England and Wales. Data for all 5 requested chemical substances provided, all in disaggregated form. Monitoring sites with coordinates and links to GW bodies provided. GIS data for GW bodies and list of GW bodies with most important attributes and pressure data provided. Reply to critical QA issues on previously reported data received.
EWN4: Water quantity ⁽¹⁾		Reported data relevant to Water Quantity in Eurostat/OECD JQ 2010.
ME1: Marine data		Data made available through ICES.
NRTO3: Near real-time ozone data ⁽¹⁾		Satisfactory spatial coverage of active stations and highly reliable data provision (86%) during the ozone season.
WISE1: Emissions to water ⁽¹⁾		No data delivery under WISE-SoE data collection 2011.

⁽¹⁾ The scores are provided for information only.



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