

# Eionet priority data flows

May 2014–April 2015

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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

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I am pleased to present to you the 18th 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 better performance through friendly competition amongst countries concentrating on achievements rather than failures.

Only eight data flows have been evaluated in the present data flow cycle (May 2014–April 2015), a substantially smaller number compared to previous years. The main reason for the changes were the reorganisation of data flows in the areas air quality and freshwater quality. Deliveries received under this year's set of priority data flows represent around 20% of a total of more than 2 500 data deliveries uploaded to Reportnet, Eionet's infrastructure for the collection of environmental data.

All 33 EEA member countries and the six cooperating West Balkan countries (which together constitute the 'Eionet') participate in the priority data flows exercise. This is a substantially broader geographical coverage than in other ranking exercises and it represents a key added value of EEA/Eionet collaboration. The provision of high-quality data by the Eionet is fundamental for the EEA to achieve its mission to provide timely, targeted, relevant and reliable information to policymakers and the public.

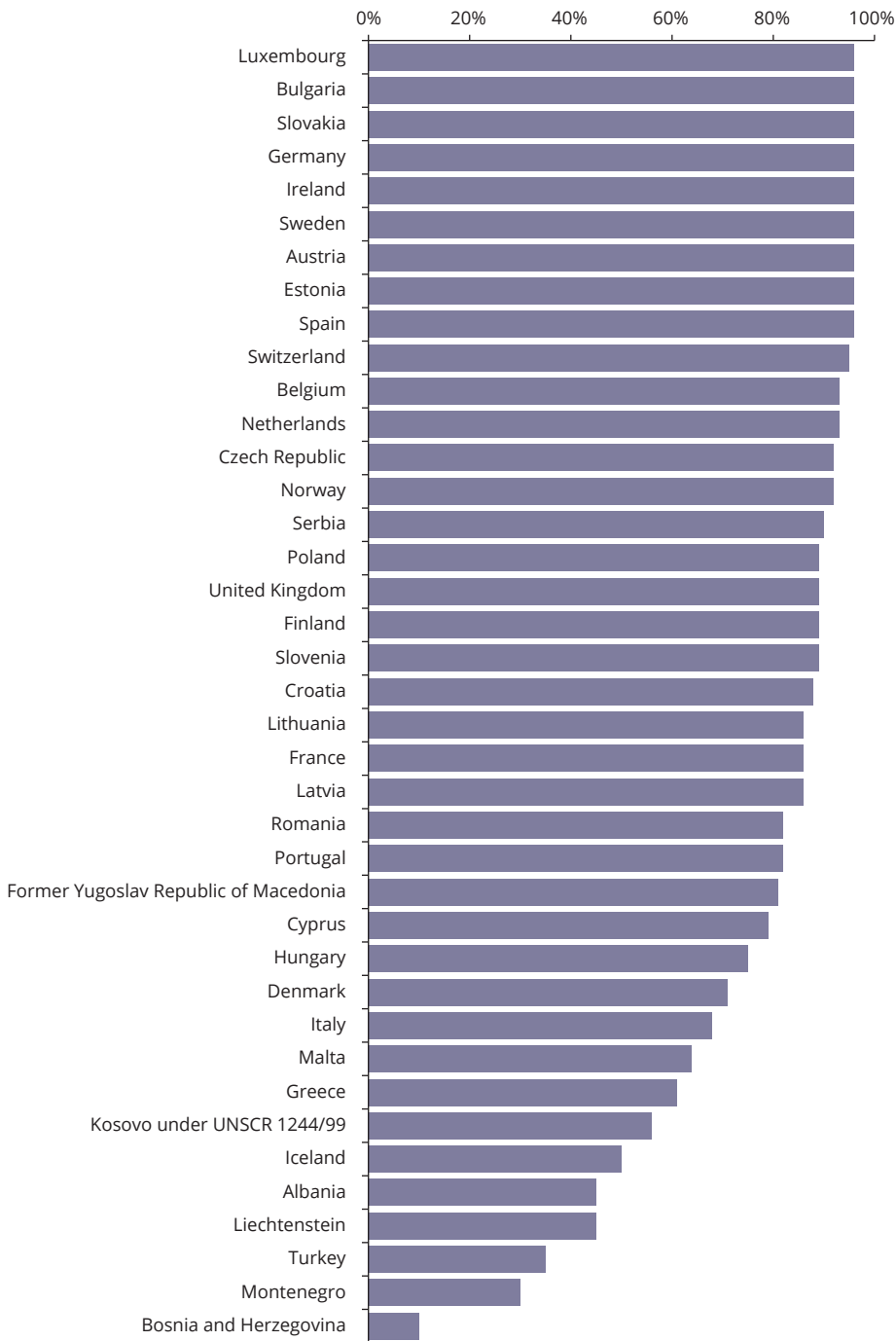
As already observed in the previous year, no country was able to achieve the full score of 100%, which would indicate timely and complete data deliveries across all priority areas. However, a large number of countries shared this year's top score of 96%: Luxembourg, Bulgaria, Slovakia, Germany, Ireland, Sweden, Austria, Estonia and Spain. The following group of countries had an overall score at or above 90%: Switzerland, Belgium, Netherlands, Czech Republic, Norway and Serbia. Overall, the report finds a deterioration of the average score across all countries (from 81% to 78%). The network cannot be complacent with this year's result, as the EEA's ambition remains to achieve an average score of at least 90% at the end of EEA's Multiannual Work Programme 2014–2018.

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 and by the timely responses provided by national data reporters.

Let me end by thanking the 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.

*Hans Bruyninckx*  
Executive Director

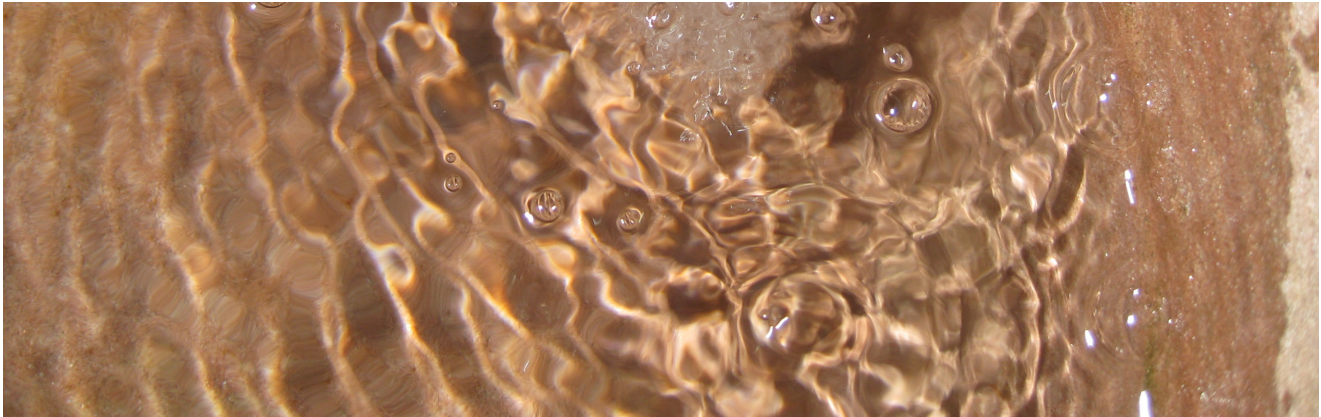
**Figure 1 Overall performance of countries (May 2014–April 2015)**



**Table 1 Performance history**

Country	Score 2000 (%)	Score 2005 (%)	Score 2006 (%)	Score 2007 (%)	Score 2008 (%)	Score 2009 (%)	Score 2010 (%)	Score 2011 (%)	Score 2012 (%)	Score 2013 (%)	Score 2014 (%)	Trend compared to last year
Albania	0	30	45	21	19	31	53	47	36	56	45	- 11 ↘
Austria	81	98	100	100	100	100	95	98	83	96	96	0 →
Belgium	31	66	69	75	96	92	90	94	92	90	93	3 →
Bosnia and Herzegovina	18	22	53	46	58	56	50	53	42	31	10	- 21 ↓
Bulgaria	42	89	80	92	96	92	92	94	92	96	96	0 →
Croatia	N/A	17	48	71	69	78	92	89	92	95	88	- 7 ↘
Cyprus	N/A	25	63	81	90	90	73	88	83	71	79	8 ↗
Czech Republic	38	65	68	84	80	85	85	82	84	84	92	8 ↗
Denmark	81	69	63	78	73	94	92	96	92	90	71	- 19 ↓
Estonia	54	81	90	86	96	96	98	98	94	98	96	- 2 →
Finland	61	75	73	78	92	85	83	83	90	92	89	- 3 →
Former Yugoslav Republic of Macedonia	29	69	78	75	75	72	69	69	66	81	81	0 →
France	47	83	85	89	94	96	96	94	96	88	86	- 2 →
Germany	69	75	92	78	88	100	98	94	94	96	96	0 →
Greece	50	54	50	50	52	58	58	65	69	67	61	- 6 ↘
Hungary	46	80	86	78	66	45	41	65	65	60	75	15 ↗
Iceland	28	56	30	64	73	64	75	80	70	70	50	- 20 ↓
Ireland	67	73	73	81	94	92	90	92	94	98	96	- 2 →
Italy	39	59	50	64	67	54	60	62	63	77	68	- 9 ↘
Kosovo under UNSCR 1244/99	N/A	N/A	N/A	N/A	N/A	N/A	N/A	57	66	61	56	- 5 ↘
Latvia	50	98	100	97	98	98	96	85	94	94	86	- 8 ↘
Liechtenstein	19	64	54	60	57	86	82	97	66	34	45	11 ↗
Lithuania	36	83	94	94	85	94	94	96	94	90	86	- 4 →
Luxembourg	22	39	44	34	58	53	63	84	89	80	96	16 ↗
Malta	N/A	63	68	69	86	52	34	46	77	69	64	- 5 ↘
Montenegro	N/A	N/A	N/A	0	17	6	44	53	50	56	30	- 26 ↓
Netherlands	58	77	79	81	60	77	88	96	88	90	93	3 →
Norway	64	65	78	93	80	85	90	89	89	89	92	3 →
Poland	36	58	77	69	79	81	79	88	92	87	89	2 →
Portugal	39	27	42	64	83	85	90	85	77	85	82	- 3 →
Romania	21	11	75	86	96	92	92	92	90	87	82	- 5 ↘
Serbia	N/A	36	56	60	78	75	75	72	78	78	90	12 ↗
Slovakia	25	85	95	97	91	98	82	92	92	92	96	4 →
Slovenia	50	75	96	94	96	94	96	94	94	96	89	- 7 ↘
Spain	58	52	56	64	63	83	85	90	92	92	96	4 →
Sweden	47	94	96	97	100	100	98	100	100	96	96	0 →
Switzerland	N/A	75	39	85	100	97	94	100	83	94	95	1 →
Turkey	N/A	19	17	25	47	64	64	72	64	69	35	- 34 ↓
United Kingdom	78	82	83	94	65	81	98	96	96	94	89	- 5 ↘
<b>Average (all countries)</b>	<b>45</b>	<b>62</b>	<b>69</b>	<b>73</b>	<b>77</b>	<b>78</b>	<b>80</b>	<b>83</b>	<b>81</b>	<b>81</b>	<b>78</b>	<b>- 3 →</b>





## 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 8–17 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 28 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 2014–2015.

Data flow	Deadline
AQDIPR-D: Assessment methods	1 October 2014
AQDIPR-E1a: Primary validated assessment data	1 October 2014
ME-1: Marine data	31 October 2014
AE-1b: NEC data	31 December 2014
AE-1: LRTAP data	15 February 2015
CDDA-1: Designated areas	15 March 2015
E-PRTR1: European Pollutant Transfer Register	31 March 2015
AQDIPR-E2a: Primary up-to-date assessment data	Not applicable (*)

**Note:** (\*) There is no traditional deadline for this data flow, as it is based on continuous data exchange.

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## 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.

## Changes in the current data flow report

Only eight priority data flows have been evaluated in the present data flow cycle (May 2014–April 2015), a substantially smaller number compared to previous years. The most significant changes in the list were the suspension of several freshwater data flows and the reorganisation of air quality data flows as a consequence of changing EU legislation. Furthermore, it has not been possible to include the evaluation of greenhouse gas inventory data as originally planned, due to a substantial reporting delay in this data flow.

## Outlook for the next data flow report

The scope of the next priority data flow report will depend on the outcome of the ongoing work of the working group on Eionet priority data flows which is reviewing the current set of data flows with a view to

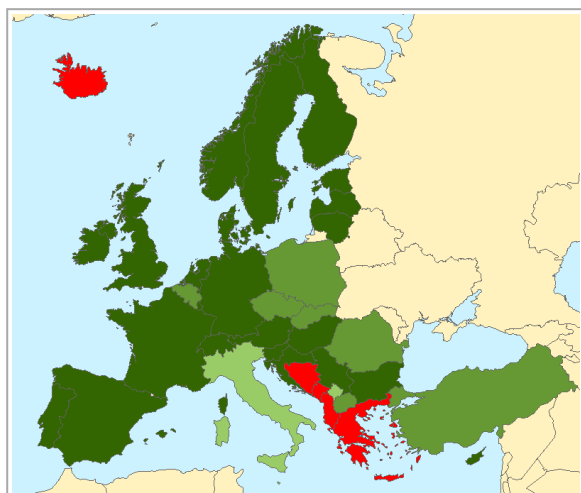
aligning them with the EEA priorities and needs deriving from Multiannual Work Programme (MAWP) 2014–2018 and the 7th Environment Action Programme (EAP). The Working Group will deliver their recommendations to the November 2015 meeting of EEA's Management Board.

## Reportnet data collection for the priority data flows and beyond

The priority data flows presented in this report are a subset of EEA's data collection activities. In total, more than 2500 data deliveries have been received in Reportnet during the period 1 May 2014 to 30 April 2015, but only around 550 of these are related to priority data flows. The remaining deliveries were made under 90 different reporting obligations, including the following prominent EU legislation:

- Reporting under Air Quality Directives (2004/107/EC and 2008/50/EC), as defined in the Commission Implementing Decision (2011/850/EU)
- Bathing Water Directive (2006/7/EC)
- Birds Directive (79/409/EEC)
- CO<sub>2</sub> emissions from light commercial vehicles (Regulation 510/2011/EU)
- CO<sub>2</sub> emissions from passenger cars (Regulation 443/2009/EC)
- Drinking Water Directive (98/83/EC)
- Emissions Trading Directive (2003/87/EC)
- Environmental Noise Directive (2002/49/EC)
- Floods Directive (2007/60/EC)
- Greenhouse Gas Monitoring Mechanism (Regulation 525/2013/EU)
- Habitats Directive (92/43/EEC)
- Reporting under the Industrial Emissions Directive (2010/75/EU), as defined in the Commission Implementing Decision (2012/795/EU)
- INSPIRE Directive (2007/2/EC)
- IPPC Directive (2008/1/EC)
- Large Combustion Plants Directive (2001/80/EC)
- Marine Strategy Framework Directive (2008/56/EC)
- Solvent Emissions Directive (1999/13/EC)
- Urban Waste Water Treatment Directive (91/271/EEC)
- Waste Incineration Directive (2000/76/EC)
- Water Framework Directive (2000/60/EC).

## Data flow AE1: LRTAP data



23 countries with a score of 3 points: Austria, Bulgaria, Croatia, Cyprus, Denmark, Estonia, Finland, France, Germany, Hungary, Ireland, Latvia, Lithuania, Luxembourg, Netherlands, Norway, Portugal, Serbia, Slovenia, Spain, Sweden, Switzerland, United Kingdom

8 countries with a score of 2 points: Belgium, Czech Republic, Former Yugoslav Republic of Macedonia, Liechtenstein, Poland, Romania, Slovakia, Turkey

3 countries with a score of 1 point: Italy, Kosovo under UNSCR 1244/99, Malta

5 countries did not deliver data: Albania, Bosnia and Herzegovina, Greece, Iceland, Montenegro

### Detailed criteria for scoring

Scoring criteria are based on completeness of time series of requested pollutants (SO<sub>2</sub>, NO<sub>x</sub>, CO, NMVOC, NH<sub>3</sub>, PM<sub>10</sub>, PM<sub>2.5</sub>) 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 the requested electronic format according to the [reporting instructions](#).



Complete time series available for all requested pollutants SO<sub>2</sub>, NO<sub>x</sub>, CO, NMVOC, NH<sub>3</sub> (at least 1990-2013), PM<sub>2.5</sub> and PM<sub>10</sub> (at least 2000-2013) in the specified reporting format by 15 February 2015.



Data available on time (by 15 February 2015).



Data delivered after 15 February 2015.



No delivery available.

European datasets Air emissions data published through [EEA Data Service](#)  
Air pollutant emissions (LRTAP) data viewer in [EEA Data Service](#)

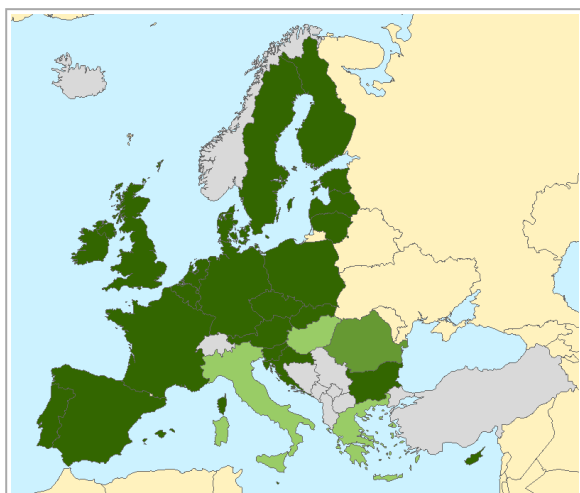
Related indicators [EEA core set of indicators](#):

- CSI 001 Emissions of acidifying substances
- CSI 002 Emissions of ozone precursors
- CSI 003 Emissions of primary PM<sub>2.5</sub> and PM<sub>10</sub> particulate matter

Other [air pollution indicators](#) on EEA website.



## Data flow AE1b: NEC data



- 24 countries with a score of 3 points: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Ireland, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, United Kingdom

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- 1 country with a score of 2 points: Romania

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- 3 countries with a score of 1 point: Greece, Hungary, Italy

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- No country in this category

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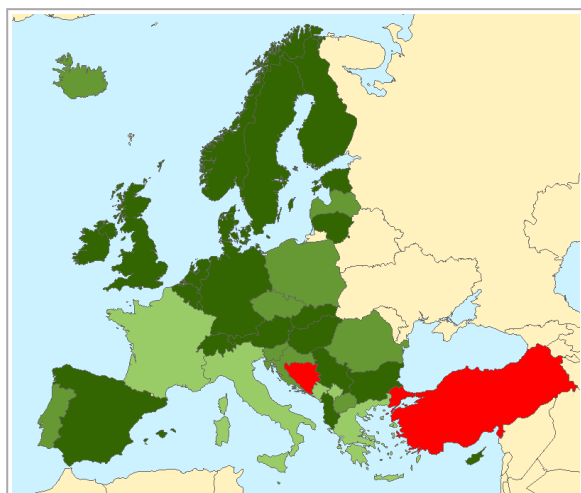
- This data flow is not applicable (N/A) to 11 countries: Albania, Bosnia and Herzegovina, Former Yugoslav Republic of Macedonia, Iceland, Kosovo under UNSCR 1244/99, Liechtenstein, Montenegro, Norway, Serbia, Switzerland, Turkey

### Detailed criteria for scoring

Scoring criteria based on timeliness of reporting on the emissions of SO<sub>2</sub>, NO<sub>x</sub>, NMVOC and NH<sub>3</sub> during 2012 and 2013 as required by the [National Emission Ceilings Directive 2001/81/EC](#). The directive requires reporting according to the [reporting instructions](#). Countries have been requested to post their deliveries in the Central Data Repository.

	NEC data available in CDR by 31 December 2014 and in the specified reporting format (i.e. without any modifications to the reporting template).
	NEC data delivered in time (by 31 December 2014).
	NEC data delivered after 31 December 2014.
	No NEC data delivered.
European datasets	National Emission Ceilings Directive Inventory in <a href="#">EEA Data Service</a> Air pollutant emissions (NEC Directive) data viewer in <a href="#">EEA Data Service</a>
Related indicators	<a href="#">EEA core set of indicators</a> : <ul style="list-style-type: none"> <li>• CSI 001 Emissions of acidifying substances</li> <li>• CSI 002 Emissions of ozone precursors</li> <li>• CSI 040 Emissions of the main air pollutants in Europe</li> </ul> Other <a href="#">air pollution indicators</a> on EEA website.

## Data flow AQDIPR-D: Assessment methods



- 21 countries with a score of 3 points: Albania, Austria, Belgium, Bulgaria, Cyprus, Denmark, Estonia, Finland, Germany, Hungary, Ireland, Lithuania, Luxembourg, Netherlands, Norway, Serbia, Slovakia, Spain, Sweden, Switzerland, United Kingdom

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- 10 countries with a score of 2 points: Croatia, Czech Republic, Former Yugoslav Republic of Macedonia, Iceland, Latvia, Malta, Poland, Portugal, Romania, Slovenia

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- 5 countries with a score of 1 point: France, Greece, Italy, Kosovo under UNSCR 1244/99, Montenegro

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- 3 countries did not deliver data: Bosnia and Herzegovina, Liechtenstein, Turkey

### Detailed criteria for scoring

Scoring criteria are based on the timeliness of the delivery and the results of Reportnet's automated quality checks. More information on the AQD XML schema and relevant tests is available at [AQ Portal](#).



Data in XML format delivered by 1 October of the reporting year and fulfilling all quality requirements, including completeness checks, i.e.: if the meta-data contains sampling points for PM10/2.5 and O3, and if there are NO2 sampling points declared at traffic locations. Sampling points here refer to currently operational sampling points and to sampling points which were operational during the year of reported data.



Data in XML format delivered by 1 October of the reporting year and following the IPR requirements (validating/ accepted in the system) but not fulfilling further quality requirements or XML fulfilling further quality requirements but not delivered in time.



Data in XML format delivered by 1 October of the reporting year but not following the IPR requirements (not validating/not accepted in the system) or XML files validating but not delivered in time.



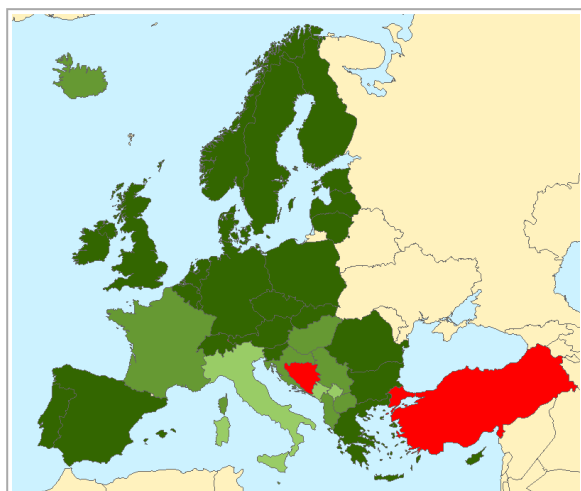
No information delivered in XML format.

European datasets Air Quality e-Reporting data published through [EEA data service](#)

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

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

## Data flow AQDIPR-E1a: Primary validated assessment data



- 25 countries with a score of 3 points: Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, Finland, Germany, Greece, Ireland, Latvia, Lithuania, Luxembourg, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, United Kingdom

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- 8 countries with a score of 2 points: Albania, Croatia, Former Yugoslav Republic of Macedonia, France, Hungary, Iceland, Malta, Serbia

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- 3 countries with a score of 1 point: Italy, Kosovo under UNSCR 1244/99, Montenegro

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- 3 countries did not deliver data: Bosnia and Herzegovina, Liechtenstein, Turkey

### Detailed criteria for scoring

Scoring criteria are based on the timeliness of the delivery and the results of Reportnet's automated quality checks. More information on the AQD XML schema and relevant tests is available at [AQ Portal](#).



Data in XML format delivered by 1 October of the reporting year and fulfilling all quality requirements, including completeness checks, i.e.: if data with validity > 85 % have been reported for PM10/2.5 and O3 (for period from 1 April - 31 October), and for NO2 sampling points declared at traffic locations. Sampling points here refer to sampling points which were operational during the year of reported data.



Data in XML format delivered by 1 October of the reporting year, successfully cross-checked with AQDIPR-D and following the IPR requirements (validating/accepted in the system) but not fulfilling further quality requirements or XML fulfilling further quality requirements but not delivered in time.



Data in XML format delivered by 1 October of the reporting year but not following the IPR requirements (not validating/not accepted in the system) or XML files successfully cross-checked with AQDIPR-D and validating but not delivered in time.



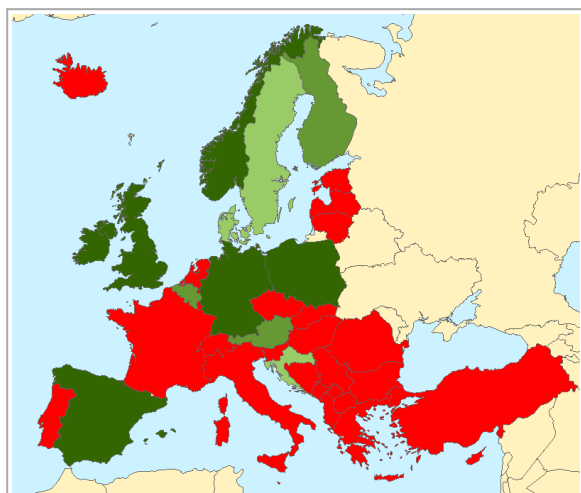
No information delivered in XML format.

European datasets Air Quality e-Reporting data published through [EEA data service](#)

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

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

## Data flow AQDIPR-E2a: Primary up-to-date assessment data



- 6 countries with a score of 3 points: Germany, Ireland, Norway, Poland, Spain, United Kingdom

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- 3 countries with a score of 2 points: Austria, Belgium, Finland

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- 3 countries with a score of 1 point: Croatia, Denmark, Sweden

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- 27 countries did not deliver data: Albania, Bosnia and Herzegovina, Bulgaria, Cyprus, Czech Republic, Estonia, Former Yugoslav Republic of Macedonia, France, Greece, Hungary, Iceland, Italy, Kosovo under UNSCR 1244/99, Latvia, Liechtenstein, Lithuania, Luxembourg, Malta, Montenegro, Netherlands, Portugal, Romania, Serbia, Slovakia, Slovenia, Switzerland, Turkey

### Detailed criteria for scoring

Scoring criteria are based on the timeliness of the delivery and the results of Reportnet's automated quality checks. More information on the AQD XML schema and relevant tests is available at [AQ Portal](#).



Data in XML format fulfilling all quality requirements, including completeness checks, i.e.: if data with validity > 85 % have been reported for PM10/2.5, O3 (period from 1 April - 31 October) and NO2 for at least 50 % of sampling points declared in AQDIPR-D, and for at least 50 % of NO2 sampling points declared at traffic locations. Sampling points here refer to currently operational sampling points.



Data in XML format for PM10/2.5 (period from 1 January - 31 March and 1 October - 31 December), O3 (period from 1 April - 31 October) and NO2 delivered and accepted on average within 72 hours from the time the last declared measurement took place.



Data in XML format successfully cross-checked with AQDIPR-D and following the IPR requirements (validating/ accepted in the system) but not fulfilling further quality requirements.

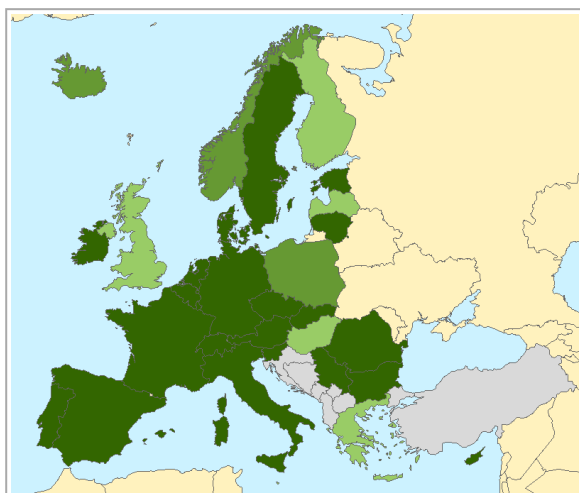


No information delivered or XML files delivered but not following the IPR requirements (not validating/not accepted in the system).

Regular products Data are published through EEA's [Up-to-date Air Quality Data Viewer](#)

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 E-PRTR1: European Pollutant Release and Transfer Register



	22 countries with a score of 3 points: Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, France, Germany, Ireland, Italy, Lithuania, Luxembourg, Netherlands, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland
	3 countries with a score of 2 points: Iceland, Norway, Poland
	7 countries with a score of 1 point: Finland, Greece, Hungary, Latvia, Liechtenstein, Malta, United Kingdom
	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

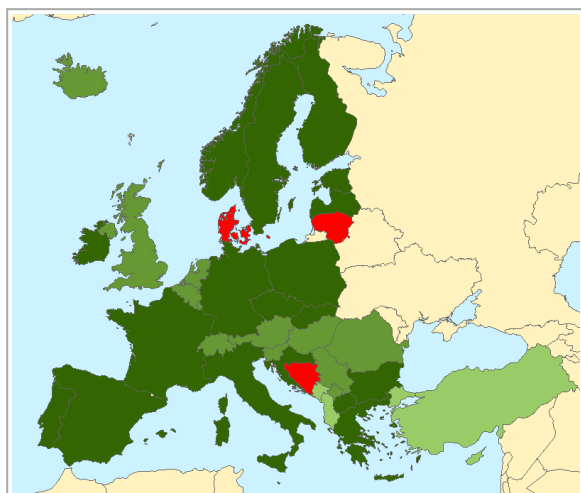
The criteria are based on the timeliness, use of requested reporting format and availability of assessment of completeness [in the template provided](#).

	E-PRTR data available in CDR by 31 March 2015 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 2015) 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 <a href="#">EEA data service</a> , also available through the <a href="#">E-PRTR viewer</a> .

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



## Data flow CDDA1: Designated areas



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

### Detailed criteria for scoring

The evaluation and scoring criteria for the CDDA 2015 data collection have been modified. This has been done to improve the quality of digital boundaries data and reduce the time needed to process it. The criteria are based on the timeliness and quality of the nationally designated area data that is made available in the agreed national data repository.

The reported designated areas must have the following required attributes:

- centre coordinates ([LAT](#), [LON](#));
- [site area](#);
- [major ecosystem type](#);
- [valid IUCN category](#); and
- [designation category](#).

The information on IUCN categories is a key attribute in the [World Data Base on Protected Areas](#).

Correctly reported digital boundaries data with the appropriate attributes allows the EEA to use the CDDA in combination with other European data sets when making statistics and assessments. The detailed requirements are available for download in the [CDDA Data Dictionary](#).

The critical requirements that are necessary for achieving the highest score are:

1. Correct [SITE\\_CODE](#) provided for all spatial features; and
2. Only two spatial files made available per country - one for polygon and one for point data (if any). Up to four spatial files are allowed, if sites which require datum WGS84 (i.e. location outside geographical Europe) are part of the delivery.

## Data flow CDDA1: Designated areas (continued)

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At least 95 % of the reported nationally designated areas have the required attributes and digital boundaries have been made available for all those that have an area greater than 1 hectare.

Should the delivery not be made by 15 March 2015 and/or if the reported digital boundaries data does not follow the critical requirements listed in the description above, the score will be reduced by one point.



At least 66 % of the reported nationally designated areas have the required attributes and digital boundaries have been made available for at least 50 % of those that have an area greater than 1 hectare.

Should the delivery not be made by 15 March 2015 and/or if the reported digital boundaries data does not follow the critical requirements listed in the description above, the score will be reduced by one point.



Designated areas made available and at least 30 % of them have the required attributes.



No data delivery under the 2015 CDDA data collection, or delivery does not follow the above mentioned requirements for a higher score.

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

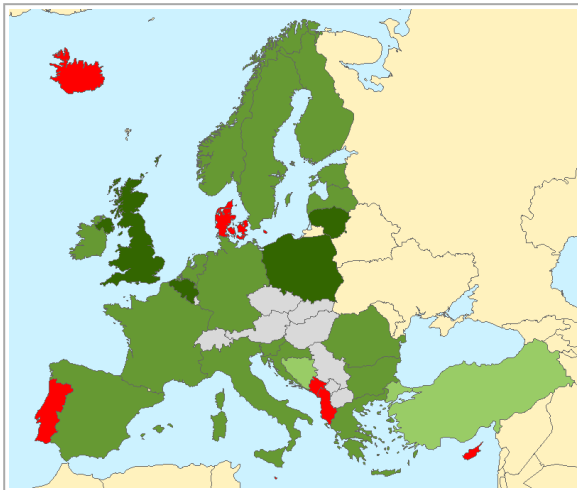
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Related indicators [EEA core set of indicators](#): CSI 008 Designated areas

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Note: IUCN stands for International Union for the Conservation of Nature and Natural Resources. The IUCN Protected Areas Categories System is available at: [http://www.iucn.org/about/work/programmes/gpap\\_home/gpap\\_quality/gpap\\_pacategories/](http://www.iucn.org/about/work/programmes/gpap_home/gpap_quality/gpap_pacategories/).

## Data flow ME1: Marine data



- 
- 4 countries with a score of 3 points: Belgium, Lithuania, Poland, United Kingdom
- 
- 16 countries with a score of 2 points: Bulgaria, Croatia, Estonia, Finland, France, Germany, Greece, Ireland, Italy, Latvia, Netherlands, Norway, Romania, Slovenia, Spain, Sweden
- 
- 2 countries with a score of 1 point: Bosnia and Herzegovina, Turkey
- 
- 7 countries did not meet the minimum criteria: Albania, Cyprus, Denmark, Iceland, Malta, Montenegro, 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

Scoring criteria are based on data deliveries for the current year and focus on the provision of quality data for preferred SoE TCM nutrient determinand groups and preferred SoE TCM hazardous substances in biota. Further criteria, important for achieving the maximum score, is the response of a country to the data validation questions. Any data already submitted to the Marine Conventions need not be re-supplied. Countries are therefore asked to submit only missing or additional data.

## Data flow ME1: Marine data (continued)

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1. Reply to critical QA issues on previously reported data as specified in the 'Validation questions'; and
2. Delivery of data for at least one substance from each of the 5 preferred SoE TCM nutrient determinand groups: 1. *Chlorophyll-a*, 2. *Total Ammonium/Ammonium*, 3. *Total Phosphorus*, 4. *Orthophosphate*, 5. *Nitrate/Nitrite/Total Nitrogen*;
3. Delivery of data on hazardous substances in biota for substances from the list of Preferred SoE TCM Hazardous Substances;
4. Delivery of stations data with coordinates (if not delivered in the past years).

In the case of missing most recent (2013) data, late data delivery, delivery in non-proper data format or structure and / or missing country feedback, the scoring is reduced from 3 to 2 points.



Delivery of data on *either* at least one substance from each of the 5 preferred SoE TCM nutrient determinand groups listed above, *or* on hazardous substances in biota for substances from the list of preferred SoE TCM Hazardous Substances.

In the case of late data delivery, delivery in non-proper data format or structure and/or missing country feedback, the scoring is reduced from 2 to 1 point.



Delivery can be used, but does not meet the above mentioned requirements for a higher score.



No data delivery under WISE SoE collection 2014, no communication, or data could not be processed because it was not delivered in the requested format or did not follow the basic quality criteria or was delivered after the data processing period.

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

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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.

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Table 2.1 Data flow analysis for Albania

Data flow name	Progress 2013–2014	Progress 2014–2015	Remark
AE1: LRTAP data			No information available in CDR on 9 April 2015.
AE1b: NEC data	N/A	N/A	Data flow is relevant for EU MS countries only.
AQDIPR-D: Assessment methods	N/A		New data flow. XML reported by 1 October with correct schema and reporting header, successfully validated. All xlink references valid. Available QA checks passed. The meta-data contains sampling points for PM10/2.5 and O3, and 2 from 4 NO2 sampling points are declared at traffic locations.
AQDIPR-E1a: Primary validated assessment data	N/A		New data flow. Data in XML format delivered by 1 October did not validate. Corrected file, delivered after deadline, partially fulfills quality and completeness requirements, i.e.: data have been reported for PM10/2.5 and O3 as well as for NO2 sampling points declared at traffic locations, however with overall validity < 85 %.
AQDIPR-E2a: Primary up-to-date assessment data <sup>(1)</sup>	N/A		New data flow. No information delivered in 2014.
CDDA1: Designated areas			No new delivery under CDDA 2015 data collection, informed to use previously reported data instead. Percentage of sites with required attributes: centre coordinates: 17 %; size of area: 100 %; IUCN category: 100 %; designation category: 100 %. Major ecosystem type is missing. Digital boundaries provided for only 34 % of sites with area > 1 ha.
E-PRTR1: European Pollutant Release and Transfer Register	N/A	N/A	Country did not participate in this data flow.
ME1: Marine data			No data delivery under WISE SoE TCM data collection 2014.

<sup>(1)</sup> The scores are provided for information only.



Table 2.2 Data flow analysis for Austria

Data flow name	Progress 2013–2014	Progress 2014–2015	Remark
AE1: LRTAP data			Data delivered on time in CDR. Time series SO <sub>2</sub> , NO <sub>x</sub> , CO, NMVOC, NH <sub>3</sub> for years 1990-2013; time series PM <sub>10</sub> and PM <sub>2.5</sub> for years 1990, 1995, 2000-2013. Requested format used NFR2014-1.
AE1b: NEC data			Data delivered on time for years from 1990 to 2013. Data re-delivered the 12 February 2015 in the requested format NFR2014-1. National inventory report provided.
AQDIPR-D: Assessment methods	N/A		New data flow. XML reported by 1 October with correct schema and reporting header, successfully validated. All xlink references valid. Available QA checks passed. The meta-data contains sampling points for PM <sub>10/2.5</sub> and O <sub>3</sub> , and 30 % of NO <sub>2</sub> sampling points are declared at traffic locations.
AQDIPR-E1a: Primary validated assessment data	N/A		New data flow. Data in XML format delivered by 1 October and fulfilling quality requirements, including completeness checks, i.e.: data with validity > 85 % have been reported for PM <sub>10/2.5</sub> and O <sub>3</sub> as well as for NO <sub>2</sub> sampling points declared at traffic locations.
AQDIPR-E2a: Primary up-to-date assessment data <sup>(1)</sup>	N/A		New data flow. Up-to-date information transfer started in October 2014, with at least 50 % of sampling points declared in AQDIPR-D (for NO <sub>2</sub> at traffic locations, for PM <sub>10</sub> and O <sub>3</sub> ).
CDDA1: Designated areas			Delivery on time. Percentage of sites with required attributes: centre coordinates: 100 %; size of area: 100 %; IUCN category: 100 %; designation category: 100 %; major ecosystem type: 100 % provided. Digital boundaries provided for 100 % of sites with area > 1 ha. Spatial data do not follow the requested criteria (presence of duplicated site codes and national projection used).
E-PRTR1: European Pollutant Release and Transfer Register			Data delivery on time to CDR. Completeness report provided.
ME1: Marine data	N/A	N/A	Country does not have a coastline.










<sup>(1)</sup> The scores are provided for information only.

Table 2.3 Data flow analysis for Belgium

Data flow name	Progress 2013–2014	Progress 2014–2015	Remark
AE1: LRTAP data			Data delivered on time in CDR. Time series SO <sub>2</sub> , NO <sub>x</sub> , CO, NMVOC, NH <sub>3</sub> for years 1990, 1995, 2000, 2005, 2010–2013; time series PM <sub>10</sub> and PM <sub>2.5</sub> for years 2000, 2005, 2010–2013. Requested format used NFR2014-1.
AE1b: NEC data			Data delivered on time for years from 1990, 1995, 2000, 2005, 2010–2013. Requested format used NFR2014-1. National inventory report not provided.
AQDIPR-D: Assessment methods	N/A		New data flow. XML reported by 1 October with correct schema and reporting header, successfully validated. All xlink references valid. Available QA checks passed. The meta-data contains sampling points for PM <sub>10/2.5</sub> and O <sub>3</sub> , and 10 % of NO <sub>2</sub> sampling points are declared at traffic locations.
AQDIPR-E1a: Primary validated assessment data	N/A		New data flow. Data in XML format delivered by 1 October and fulfilling quality requirements, including completeness checks, i.e.: data have been reported for PM <sub>10/2.5</sub> and O <sub>3</sub> as well as for NO <sub>2</sub> sampling points declared at traffic locations with validity > 85 %.
AQDIPR-E2a: Primary up-to-date assessment data <sup>(1)</sup>	N/A		New data flow. Up-to-date information transfer started in August 2014 for PM <sub>10</sub> and O <sub>3</sub> , and in October 2014 for PM <sub>2.5</sub> and NO <sub>2</sub> , with at least 50 % of sampling points declared in AQDIPR-D (for PM <sub>10</sub> and O <sub>3</sub> ).
CDDA1: Designated areas			Delivery on time. Percentage of sites with required attributes: centre coordinates: 80 %; size of area: 100 %; IUCN category: 100 %; designation category: 100 %; major ecosystem type: 100 %. Digital boundaries provided for only 81 % of sites with area > 1 ha. Spatial data follow the requested criteria.
E-PRTR1: European Pollutant Release and Transfer Register			Data delivery on time to CDR. Completeness report provided.
ME1: Marine data			Data made available through ICES. Reply to critical QA issues on previously reported data received. Provided data on 5 preferred nutrients in seawater. Preferred hazardous substances in biota provided. Stations with coordinates provided. Feedback to issues detected in the delivery provided.














<sup>(1)</sup> The scores are provided for information only.

Table 2.4 Data flow analysis for Bosnia and Herzegovina

Data flow name	Progress 2013–2014	Progress 2014–2015	Remark
AE1: LRTAP data			No information available in CDR on 9 April 2015.
AE1b: NEC data	N/A	N/A	Data flow is relevant for EU MS countries only.
AQDIPR-D: Assessment methods	N/A		New data flow. No data delivered (by 5 May 2015).
AQDIPR-E1a: Primary validated assessment data	N/A		New data flow. No information delivered in XML format (by 5 May 2015).
AQDIPR-E2a: Primary up-to-date assessment data <sup>(1)</sup>	N/A		New data flow. No information delivered in 2014.
CDDA1: Designated areas			No information delivered under CDDA 2015 data collection.
E-PRTR1: European Pollutant Release and Transfer Register	N/A	N/A	Country did not participate in this data flow.
ME1: Marine data			Data delivered on time. No reply to critical QA issues on previously reported data. No data on preferred nutrients in seawater. Hazardous substances in biota not provided. Stations with coordinates provided.












<sup>(1)</sup> The scores are provided for information only.

Table 2.5 Data flow analysis for Bulgaria

Data flow name	Progress 2013–2014	Progress 2014–2015	Remark
AE1: LRTAP data			Data delivered on time in CDR. Time series SO <sub>2</sub> , NO <sub>x</sub> , CO, NMVOC, NH <sub>3</sub> for years 1990-2013; time series PM <sub>10</sub> and PM <sub>2.5</sub> for years 1990-2013. Requested format used NFR2014-1.
AE1b: NEC data			Data delivered on time for years 2012 and 2013 in the format NFR 2009-1. Data re-delivered on 7 January 2015 in the requested format NFR2014-1. National inventory report not provided.
AQDIPR-D: Assessment methods	N/A		New data flow. XML reported by 1 October with correct schema and reporting header, successfully validated. Not all xlink references valid. Available QA checks passed. The meta-data contains sampling points for PM <sub>10/2.5</sub> and O <sub>3</sub> , and 31 % of NO <sub>2</sub> sampling points are declared at traffic locations.
AQDIPR-E1a: Primary validated assessment data	N/A		New data flow. Data in XML format delivered by 1 October and fulfilling quality requirements, including completeness checks, i.e.: data with validity > 85 % have been reported for PM <sub>10/2.5</sub> and O <sub>3</sub> as well as for NO <sub>2</sub> sampling points declared at traffic locations.
AQDIPR-E2a: Primary up-to-date assessment data <sup>(1)</sup>	N/A		New data flow. No information delivered in 2014.
CDDA1: Designated areas			Delivery on time. Percentage of sites with required attributes: centre coordinates: 100 %; size of area: 100 %; IUCN category: 100 %; designation category: 100 %; major ecosystem type: 100 %. Digital boundaries provided for 97 % of sites with area > 1 ha. Spatial data follow the requested criteria.
E-PRTR1: European Pollutant Release and Transfer Register			Data delivery on time to CDR. Completeness report provided.
ME1: Marine data			Data delivered on time. No reply to critical QA issues on previously reported data. Provided data on 5 preferred nutrients in seawater. Hazardous substances in biota not provided. Stations with coordinates provided.

<sup>(1)</sup> The scores are provided for information only.














Table 2.6 Data flow analysis for Croatia

Data flow name	Progress 2013–2014	Progress 2014–2015	Remark
AE1: LRTAP data			Data delivered on time in CDR. Time series SO <sub>2</sub> , NO <sub>x</sub> , CO, NMVOC, NH <sub>3</sub> for years 1990-2013; time series PM <sub>10</sub> and PM <sub>2.5</sub> for years 1990-2013. Requested format used NFR2014-1.
AE1b: NEC data			Data delivered on time for years from 1990 to 2013. Data re-delivered the 11 February 2015 in the requested format NFR2014-1. National inventory report provided.
AQDIPR-D: Assessment methods	N/A		New data flow. XML reported after deadline with correct schema and reporting header, successfully validated. All xlink references valid. Available QA checks passed. The meta-data contains sampling points for PM <sub>10</sub> /2.5 and O <sub>3</sub> , and 25 % of NO <sub>2</sub> sampling points are declared at traffic locations.
AQDIPR-E1a: Primary validated assessment data	N/A		New data flow. Data in XML format delivered by 1 October did not validate. Corrected file, delivered after deadline, fulfills quality requirements, including completeness checks, i.e.: data with validity > 85 % have been reported for PM <sub>10</sub> /2.5 and O <sub>3</sub> as well as for NO <sub>2</sub> sampling points declared at traffic locations.
AQDIPR-E2a: Primary up-to-date assessment data <sup>(1)</sup>	N/A		New data flow. Up-to-date information transfer started in December 2014, with at least 50 % of sampling points declared in AQDIPR-D (for NO <sub>2</sub> at traffic locations and for O <sub>3</sub> ).
CDDA1: Designated areas			Delivery on time. Percentage of sites with required attributes: centre coordinates: 100 %; size of area: 100 %; IUCN category: 100 %; designation category: 100 %; major ecosystem type: 100 %. Digital boundaries provided for 100 % of sites with area > 1 ha. Spatial data follow the requested criteria.
E-PRTR1: European Pollutant Release and Transfer Register	N/A	N/A	Country did not participate in this data flow.
ME1: Marine data			Data delivered on time. No reply to critical QA issues on previously reported data. Provided data on 4 preferred nutrients in seawater. Preferred hazardous substances in biota provided. Stations with coordinates provided. No feedback to issues detected in the delivery.

<sup>(1)</sup> The scores are provided for information only.














Table 2.7 Data flow analysis for Cyprus

Data flow name	Progress 2013–2014	Progress 2014–2015	Remark
AE1: LRTAP data			Data delivered on time in CDR. Time series SO <sub>2</sub> , NO <sub>x</sub> , CO, NMVOC, NH <sub>3</sub> for years 1990-2013; time series PM <sub>10</sub> and PM <sub>2.5</sub> for years 2000-2013. Requested format used NFR2014-1.
AE1b: NEC data			Data delivered on time for years from 1990 to 2013. Data re-delivered the 13 February 2015 in the requested format NFR2014-1. National inventory report not provided.
AQDIPR-D: Assessment methods	N/A		New data flow. XML reported by 1 October with correct schema and reporting header, successfully validated. Not all xlink references valid. Available QA checks passed. The meta-data contains sampling points for PM <sub>10/2.5</sub> and O <sub>3</sub> , and 2 from 3 NO <sub>2</sub> sampling points are declared at traffic locations.
AQDIPR-E1a: Primary validated assessment data	N/A		New data flow. Data in XML format delivered timely and fulfilling quality requirements, including completeness checks, i.e.: data have been reported for PM <sub>10/2.5</sub> and O <sub>3</sub> as well as for NO <sub>2</sub> sampling points declared at traffic locations with validity > 85 %.
AQDIPR-E2a: Primary up-to-date assessment data <sup>(1)</sup>	N/A		New data flow. No information delivered in 2014.
CDDA1: Designated areas			No new delivery under CDDA 2015 data collection, informed to use previously reported data instead. Percentage of sites with required attributes: centre coordinates: 100 %; size of area: 100 %; IUCN category: 100 %; designation category: 100 %. Major ecosystem type is missing. Digital boundaries provided for only 37 % of sites with area > 1 ha.
E-PRTR1: European Pollutant Release and Transfer Register			Data delivery on time to CDR. Completeness report provided.
ME1: Marine data			No data delivery under WISE SoE TCM data collection 2014.














<sup>(1)</sup> The scores are provided for information only.

Table 2.8 Data flow analysis for the Czech Republic

Data flow name	Progress 2013–2014	Progress 2014–2015	Remark
AE1: LRTAP data			Data delivered on time in CDR. Partial time series SO <sub>2</sub> , NO <sub>x</sub> , CO, NMVOC, NH <sub>3</sub> , PM <sub>2.5</sub> and PM <sub>10</sub> with only year 2013 provided. Requested format used NFR2014-1.
AE1b: NEC data			Data delivered on time for years 2012 and 2013. Requested format used NFR2014-1. National inventory report not provided.
AQDIPR-D: Assessment methods	N/A		New data flow. XML reported by 1 October with correct schema and reporting header, but failed at validation (due to missing inlet heights). Corrected file delivered after deadline. All xlink references valid. Available QA checks passed. The meta-data contains sampling points for PM <sub>10/2.5</sub> and O <sub>3</sub> , and 21 % of NO <sub>2</sub> sampling points are declared at traffic locations.
AQDIPR-E1a: Primary validated assessment data	N/A		New data flow. Data in XML format delivered by 1 October and fulfilling quality requirements, including completeness checks, i.e.: data with validity > 85 % have been reported for PM <sub>10/2.5</sub> and O <sub>3</sub> as well as for NO <sub>2</sub> sampling points declared at traffic locations.
AQDIPR-E2a: Primary up-to-date assessment data <sup>(1)</sup>	N/A		New data flow. No information delivered in 2014.
CDDA1: Designated areas			Delivery on time. Percentage of sites with required attributes: centre coordinates: 100 %; size of area: 100 %; IUCN category: 100 %; designation category: 100 %; major ecosystem type: 100 %. Digital boundaries provided for 100 % of sites with area > 1 ha. Spatial data follow the requested criteria.
E-PRTR1: European Pollutant Release and Transfer Register			Data delivery on time to CDR. Completeness report provided.
ME1: Marine data	N/A	N/A	Country does not have a coastline.

<sup>(1)</sup> The scores are provided for information only.

Table 2.9 Data flow analysis for Denmark

Data flow name	Progress 2013–2014	Progress 2014–2015	Remark
AE1: LRTAP data			Data delivered on time in CDR. Time series SO <sub>2</sub> , NO <sub>x</sub> , CO, NMVOC, NH <sub>3</sub> for years 1985-2013; time series PM <sub>10</sub> and PM <sub>2.5</sub> for years 2000-2013. Requested format used NFR2014-1.
AE1b: NEC data			Data delivered on time for years from 1980 to 2013. Requested format used NFR2014-1. National inventory report not provided.
AQDIPR-D: Assessment methods	N/A		New data flow. XML reported by 1 October with correct schema and reporting header, successfully validated. All xlink references valid. Available QA checks passed. The meta-data contains sampling points for PM <sub>10/2.5</sub> and O <sub>3</sub> , and 38 % of NO <sub>2</sub> sampling points are declared at traffic locations.
AQDIPR-E1a: Primary validated assessment data	N/A		New data flow. Data in XML format delivered by 1 October and fulfilling quality requirements, including completeness checks, i.e.: data have been reported for PM <sub>10/2.5</sub> and O <sub>3</sub> as well as for NO <sub>2</sub> sampling points declared at traffic locations with validity > 85 %.
AQDIPR-E2a: Primary up-to-date assessment data <sup>(1)</sup>	N/A		New data flow. Up-to-date information transfer started in October 2014.
CDDA1: Designated areas			No information delivered under CDDA 2015 data collection.
E-PRTR1: European Pollutant Release and Transfer Register			Data delivery on time to CDR. Completeness report provided.
ME1: Marine data			No data delivery under WISE SoE TCM data collection 2014.

<sup>(1)</sup> The scores are provided for information only.

Table 2.10 Data flow analysis for Estonia

Data flow name	Progress 2013–2014	Progress 2014–2015	Remark
AE1: LRTAP data			Data delivered on time in CDR. Time series SO <sub>2</sub> , NO <sub>x</sub> , CO, NMVOC, NH <sub>3</sub> for years 1990-2013; time series PM <sub>10</sub> and PM <sub>2.5</sub> for years 2000-2013. Requested format used NFR2014-1.
AE1b: NEC data			Data delivered on time for years from 1990 to 2013. Requested format used NFR2014-1. National inventory report provided.
AQDIPR-D: Assessment methods	N/A		New data flow. XML reported by 1 October with correct schema and reporting header, successfully validated. All xlink references valid. Available QA checks passed. The meta-data contains sampling points for PM <sub>10</sub> /2.5 and O <sub>3</sub> , and 20 % of NO <sub>2</sub> sampling points are declared at traffic locations.
AQDIPR-E1a: Primary validated assessment data	N/A		New data flow. Data in XML format delivered by 1 October and fulfilling quality requirements, including completeness checks, i.e.: data have been reported for PM <sub>10</sub> /2.5 and O <sub>3</sub> as well as for NO <sub>2</sub> sampling points declared at traffic location with validity > 85 %.
AQDIPR-E2a: Primary up-to-date assessment data <sup>(1)</sup>	N/A		New data flow. No information delivered in 2014.
CDDA1: Designated areas			Delivery on time. Percentage of sites with required attributes: centre coordinates: 75 % (for the rest the provision is officially restricted); size of area: 100 %; IUCN category: 100 %; designation category: 100 %; major ecosystem type: 100 %. Digital boundaries provided for 100 % of sites with area > 1 ha. Spatial data do not follow the requested criteria.
E-PRTR1: European Pollutant Release and Transfer Register			Data delivery on time to CDR. Completeness report provided.
ME1: Marine data			Data delivered on time. No reply to critical QA issues on previously reported data. Provided data on 5 preferred nutrients in seawater. Preferred hazardous substances in biota provided. Stations with coordinates provided.








<sup>(1)</sup> The scores are provided for information only.

Table 2.11 Data flow analysis for Finland

Data flow name	Progress 2013–2014	Progress 2014–2015	Remark
AE1: LRTAP data			Data delivered on time in CDR. Time series SO <sub>2</sub> , NO <sub>x</sub> , CO, NMVOC, NH <sub>3</sub> for years 1980-2013; time series PM <sub>10</sub> and PM <sub>2.5</sub> for years 2000-2013. Requested format used NFR2014-1.
AE1b: NEC data			Data delivered on time for years from 1980 to 2013. Data re-delivered the 27 February 2015 in the requested format NFR2014-1. National inventory report provided.
AQDIPR-D: Assessment methods	N/A		New data flow. XML reported by 1 October with correct schema and reporting header, successfully validated. All xlink references valid. Available QA checks passed. The meta-data contains sampling points for PM <sub>10/2.5</sub> and O <sub>3</sub> , and 63 % of NO <sub>2</sub> sampling points are declared at traffic locations.
AQDIPR-E1a: Primary validated assessment data	N/A		New data flow. Data in XML format delivered by 1 October and fulfilling quality requirements, including completeness checks, i.e.: data with validity > 85 % have been reported for PM <sub>10/2.5</sub> and O <sub>3</sub> as well as for NO <sub>2</sub> sampling points declared at traffic locations.
AQDIPR-E2a: Primary up-to-date assessment data <sup>(1)</sup>	N/A		New data flow. Up-to-date information transfer started in August 2014, with at least 50 % of sampling points declared in AQDIPR-D (for PM <sub>10/2.5</sub> and O <sub>3</sub> ).
CDDA1: Designated areas			Delivery on time. Percentage of sites with required attributes: centre coordinates: 100 %; size of area: 100 %; IUCN category: 100 %; designation category: 100 %; major ecosystem type: 100 %. Digital boundaries provided for 100 % of sites with area > 1 ha. Spatial data follow the requested criteria.
E-PRTR1: European Pollutant Release and Transfer Register			Data delivered to CDR with delay (2 April 2015). Completeness report missing.
ME1: Marine data			Data made available through ICES. Provided data on 5 preferred nutrients in seawater. Hazardous substances in biota not provided. Stations with coordinates provided.

<sup>(1)</sup> The scores are provided for information only.

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

Data flow name	Progress 2013–2014	Progress 2014–2015	Remark
AE1: LRTAP data			Data delivered on time in CDR. Partial time series SO <sub>2</sub> , NO <sub>x</sub> , CO, NMVOC, NH <sub>3</sub> , PM <sub>2.5</sub> and PM <sub>10</sub> with only year 2013 provided. Requested format used NFR2014-1.
AE1b: NEC data	N/A	N/A	Data flow is relevant for EU MS countries only.
AQDIPR-D: Assessment methods	N/A		New data flow. XML reported by 1 October with correct schema and reporting header, but failed at validation. Corrected file redelivered after deadline. All xlink references valid. Available QA checks passed. The meta-data contains sampling points for PM <sub>10/2.5</sub> and O <sub>3</sub> , and 42 % of NO <sub>2</sub> sampling points are declared at traffic locations.
AQDIPR-E1a: Primary validated assessment data	N/A		New data flow. Data in XML format delivered by 1 October and partially fulfilling quality requirements, including completeness checks, i.e.: data with validity > 85 % have been reported for PM <sub>10</sub> . Data have been also reported for NO <sub>2</sub> sampling points declared at traffic locations with overall validity < 85 %. No data reported for PM <sub>2.5</sub> and O <sub>3</sub> .
AQDIPR-E2a: Primary up-to-date assessment data <sup>(1)</sup>	N/A		New data flow. No information delivered in 2014.
CDDA1: Designated areas			Delivery on time. Percentage of sites with required attributes: centre coordinates: 92 %; size of area: 100 %; IUCN category: 100 %; designation category: 100 %; major ecosystem type: 100 %. Digital boundaries provided for 100 % of sites with area > 1 ha. Spatial data follow the requested criteria.
E-PRTR1: European Pollutant Release and Transfer Register	N/A	N/A	Country did not participate in this data flow.
ME1: Marine data	N/A	N/A	Country does not have a coastline.

<sup>(1)</sup> The scores are provided for information only.














Table 2.13 Data flow analysis for France

Data flow name	Progress 2013–2014	Progress 2014–2015	Remark
AE1: LRTAP data			Data delivered on time in CDR. Time series SO <sub>2</sub> , NO <sub>x</sub> , CO, NMVOC, NH <sub>3</sub> for years 1980-2013; time series PM <sub>10</sub> and PM <sub>2.5</sub> for years 1990-2013. Requested format used NFR2014-1.
AE1b: NEC data			Data delivered on time for years from 1980 to 2013. Requested format used NFR2014-1. National inventory report not provided.
AQDIPR-D: Assessment methods	N/A		New data flow. XML reported after deadline with correct schema and reporting header, but failed at validation. Not all xlink references valid. Available QA checks passed. The meta-data contains sampling points for PM <sub>10/2.5</sub> and O <sub>3</sub> , and 22 % of NO <sub>2</sub> sampling points are declared at traffic locations.
AQDIPR-E1a: Primary validated assessment data	N/A		New data flow. Data in XML format delivered after deadline, fulfills quality requirements, including completeness checks, i.e.: data with validity > 85 % have been reported for PM <sub>10/2.5</sub> and O <sub>3</sub> as well as for NO <sub>2</sub> sampling points declared at traffic locations.
AQDIPR-E2a: Primary up-to-date assessment data <sup>(1)</sup>	N/A		New data flow. No information delivered in 2014.
CDDA1: Designated areas			Delivery on time. Percentage of sites with required attributes: centre coordinates: 100 %; size of area: 100 %; IUCN category: 100 %; designation category: 100 %; major ecosystem type: 100 %. Digital boundaries provided for 100 % of sites with area > 1 ha. Spatial data follow the requested criteria.
E-PRTR1: European Pollutant Release and Transfer Register			Data delivery on time to CDR. Completeness report provided.
ME1: Marine data			Data delivered on time. Reply to critical QA issues on previously reported data received. Provided data on 4 preferred nutrients in seawater. Preferred hazardous substances in biota provided. Stations with coordinates provided. No feedback to issues detected in the delivery.

<sup>(1)</sup> The scores are provided for information only.
















Table 2.14 Data flow analysis for Germany

Data flow name	Progress 2013–2014	Progress 2014–2015	Remark
AE1: LRTAP data			Data delivered on time in CDR. Time series SO <sub>2</sub> , NO <sub>x</sub> , CO, NMVOC, NH <sub>3</sub> for years 1990-2013; time series PM <sub>10</sub> and PM <sub>2.5</sub> for years 1995-2013. Requested format used NFR2014-1.
AE1b: NEC data			Data delivered on time for years from 1990 to 2013. Requested format used NFR2014-1. National inventory report provided.
AQDIPR-D: Assessment methods	N/A		New data flow. XML reported by 1 October with correct schema and reporting header, successfully validated. All xlink references valid. Available QA checks passed. The meta-data contains sampling points for PM <sub>10/2.5</sub> and O <sub>3</sub> , and 50 % of NO <sub>2</sub> sampling points are declared at traffic locations.
AQDIPR-E1a: Primary validated assessment data	N/A		New data flow. Data in XML format delivered by 1 October and fulfilling quality requirements, including completeness checks, i.e.: data with validity > 85 % have been reported for PM <sub>10/2.5</sub> and O <sub>3</sub> as well as for NO <sub>2</sub> sampling points declared at traffic locations.
AQDIPR-E2a: Primary up-to-date assessment data <sup>(1)</sup>	N/A		New data flow. Up-to-date information transfer started in January 2014, with at least 50 % of sampling points declared in AQDIPR-D for PM <sub>10/2.5</sub> , O <sub>3</sub> and NO <sub>2</sub> (at traffic locations).
CDDA1: Designated areas			Delivery on time. Percentage of sites with required attributes: centre coordinates: 100 %; size of area: 100 %; IUCN category: 96 %; designation category: 100 %; major ecosystem type: 99 % (missing for more than 200 sites). Digital boundaries provided for 100 % of sites with area > 1 ha. Digital boundaries provided for 100 % of sites with area > 1 ha. Spatial data follow the requested criteria. A lot of temporary tables have been left in the database template thus making it difficult to process.
E-PRTR1: European Pollutant Release and Transfer Register			Data delivery on time to CDR. Information on facilities not transmitted with the report provided.
ME1: Marine data			Data made available through ICES. Provided data on 4 preferred nutrients in seawater. Preferred hazardous substances in biota provided. Stations with coordinates provided.












<sup>(1)</sup> The scores are provided for information only.

Table 2.15 Data flow analysis for Greece

Data flow name	Progress 2013–2014	Progress 2014–2015	Remark
AE1: LRTAP data			No information available in CDR on 9 April 2015.
AE1b: NEC data			Data delivered with delay (29 January 2015) for years 2012 and 2013 in the format NFR 2009-1. Data re-delivered the 31 January 2015 for years 2012 and 2013 in the requested format NFR2014-1. National inventory report not provided.
AQDIPR-D: Assessment methods	N/A		New data flow. XML reported after deadline with correct schema and reporting header, but failed at validation. All xlink references valid. Available QA checks passed. The meta-data contains sampling points for PM10/2.5 and O3, and 41 % of NO2 sampling points are declared at traffic locations.
AQDIPR-E1a: Primary validated assessment data	N/A		New data flow. Data in XML format delivered timely and fulfilling quality requirements, including completeness checks, i.e.: data with validity > 85 % have been reported for O3. Data have been also reported for PM10/2.5 and for NO2 sampling points declared at traffic locations, however overall data validity is < 85 % in these cases.
AQDIPR-E2a: Primary up-to-date assessment data <sup>(1)</sup>	N/A		New data flow. No information delivered in 2014.
CDDA1: Designated areas			Delivery on time. Percentage of sites with required attributes: centre coordinates: 100 %; size of area: 100 %; IUCN category: 100 %; designation category: 100 %. Major ecosystem type provided. Digital boundaries provided for 100 % of sites with area > 1 ha. Spatial data follow the requested criteria.
E-PRTR1: European Pollutant Release and Transfer Register			Data delivered to CDR with delay (1 April 2015). Completeness report missing.
ME1: Marine data			Data delivered on time. No reply to critical QA issues on previously reported data. Provided data on 5 preferred nutrients in seawater. Hazardous substances in biota not provided. Stations with coordinates provided. No feedback to issues detected in the delivery.












<sup>(1)</sup> The scores are provided for information only.

Table 2.16 Data flow analysis for Hungary

Data flow name	Progress 2013–2014	Progress 2014–2015	Remark
AE1: LRTAP data			Data delivered with a slight delay in CDR (20 February 2015). Time series SO <sub>2</sub> , NO <sub>x</sub> , CO, NMVOC, NH <sub>3</sub> for years 1990-2013; time series PM <sub>10</sub> and PM <sub>2.5</sub> for years 2000-2013. Requested format used NFR2014-1.
AE1b: NEC data			Data delivered with delay (13 January 2015) for years from 1990 to 2013. Format used NFR2014-1. National inventory report not provided.
AQDIPR-D: Assessment methods	N/A		New data flow. XML reported by 1 October with correct schema and reporting header, successfully validated. All xlink references valid. Available QA checks passed. The meta-data contains sampling points for PM <sub>10/2.5</sub> and O <sub>3</sub> , and 26 % of NO <sub>2</sub> sampling points are declared at traffic locations.
AQDIPR-E1a: Primary validated assessment data	N/A		New data flow. Data in XML format delivered after deadline, fulfills quality requirements, including completeness checks, i.e.: data with validity > 85 % have been reported for PM <sub>10/2.5</sub> and O <sub>3</sub> as well as for NO <sub>2</sub> sampling points declared at traffic locations.
AQDIPR-E2a: Primary up-to-date assessment data <sup>(1)</sup>	N/A		New data flow. No information delivered in 2014.
CDDA1: Designated areas			No new delivery under CDDA 2015 data collection, informed to use previously reported data instead. Percentage of sites with required attributes: centre coordinates: 98 %; size of area: 100 %; IUCN category: 100 %; designation category: 100 %. Digital boundaries provided for only 80 % of sites with area > 1 ha.
E-PRTR1: European Pollutant Release and Transfer Register			Data delivered to CDR with delay (6 May 2015). Completeness report missing.
ME1: Marine data	N/A	N/A	Country does not have a coastline.














<sup>(1)</sup> The scores are provided for information only.

Table 2.17 Data flow analysis for Iceland

Data flow name	Progress 2013–2014	Progress 2014–2015	Remark
AE1: LRTAP data			No information available in CDR on 9 April 2015.
AE1b: NEC data	N/A	N/A	Data flow is relevant for EU MS countries only.
AQDIPR-D: Assessment methods	N/A		New data flow. XML reported after deadline with correct schema and reporting header, successfully validated. All xlink references valid. Available QA checks passed. The meta-data contains sampling points for PM10/2.5 and O3, and 25 % of NO2 sampling points are declared at traffic locations.
AQDIPR-E1a: Primary validated assessment data	N/A		New data flow. Data in XML format delivered after deadline, partially fulfilling quality requirements, including completeness checks, i.e.: data have been reported for PM10/2.5 as well as for NO2 sampling points declared at traffic locations with validity > 85 %. Data reported for O3 show overall validity < 85 %.
AQDIPR-E2a: Primary up-to-date assessment data <sup>(1)</sup>	N/A		New data flow. No information delivered in 2014.
CDDA1: Designated areas			Slightly delayed delivery (27 Mar. 2015) Percentage of sites with required attributes: centre coordinates: 100 %; size of area: 100 %; IUCN category: 100 %; designation category: 100 %. Major ecosystem type missing. Digital boundaries provided for 100 % of sites with area > 1 ha. Spatial data follow the requested criteria.
E-PRTR1: European Pollutant Release and Transfer Register			Data delivery on time to CDR. Completeness report missing.
ME1: Marine data			No data delivery under WISE SoE TCM data collection 2014.














<sup>(1)</sup> The scores are provided for information only.

Table 2.18 Data flow analysis for Ireland

Data flow name	Progress 2013–2014	Progress 2014–2015	Remark
AE1: LRTAP data			Data delivered on time in CDR. Time series SO <sub>2</sub> , NO <sub>x</sub> , CO, NMVOC, NH <sub>3</sub> for years 1990-2013; time series PM <sub>10</sub> and PM <sub>2.5</sub> for years 1990-2013. Requested format used NFR2014-1.
AE1b: NEC data			Data delivered on time for years from 1990 to 2013 and resubmission the 21 January 2015. Requested format used NFR2014-1. National inventory report not provided.
AQDIPR-D: Assessment methods	N/A		New data flow. XMLs reported by 1 October with correct schema and reporting header, successfully validated. All xlink references valid. Available QA checks passed. The meta-data contains sampling points for PM <sub>10</sub> /2.5 and O <sub>3</sub> , and 25 % of NO <sub>2</sub> sampling points are declared at traffic locations.
AQDIPR-E1a: Primary validated assessment data	N/A		New data flow. Data in XML format delivered by 1 October and fulfilling quality requirements, including completeness checks, i.e.: data with validity > 85 % have been reported for PM <sub>10</sub> /2.5 and O <sub>3</sub> as well as for NO <sub>2</sub> sampling points declared at traffic locations.
AQDIPR-E2a: Primary up-to-date assessment data <sup>(1)</sup>	N/A		New data flow. Up-to-date information transfer started in March 2014, with at least 50 % of sampling points declared in AQDIPR-D (for O <sub>3</sub> ).
CDDA1: Designated areas			Delivery on time. Percentage of sites with required attributes: centre coordinates: 100 %; size of area: 100 %; IUCN category: 100 %; designation category: 100 %; major ecosystem type: 100 %. Digital boundaries provided for 100 % of sites with area > 1 ha. Spatial data follow the requested criteria.
E-PRTR1: European Pollutant Release and Transfer Register			Data delivery on time to CDR. Completeness report provided.
ME1: Marine data			Data made available through ICES. No reply to critical QA issues on previously reported data. Provided data on 4 preferred nutrients in seawater. Preferred hazardous substances in biota provided. Stations with coordinates provided.








<sup>(1)</sup> The scores are provided for information only.

Table 2.19 Data flow analysis for Italy

Data flow name	Progress 2013–2014	Progress 2014–2015	Remark
AE1: LRTAP data			Data delivered with delay on National sever (01 April 2015).
AE1b: NEC data			Data delivered with delay (26 January 2015) on national server.
AQDIPR-D: Assessment methods	N/A		New data flow. XML reported by 1 October with correct schema and reporting header, successfully validated. All xlink references valid. Available QA checks passed. The meta-data contains sampling points for PM10/2.5 and O3, and 31 % of NO2 sampling points are declared at traffic locations. However, the data was indicated as 'preliminary' and it was meant for the delivery in December 2013. Update has been sent on the 31 March 2015.
AQDIPR-E1a: Primary validated assessment data	N/A		New data flow. Data in XML format delivered after deadline, partially fulfills quality requirements, including completeness checks, i.e.: data with validity > 85 % have been reported for PM10/2.5 and O3 as well as for NO2 sampling points declared at traffic locations, however data does not cover all of the Italian regions (by 5 May 2015).
AQDIPR-E2a: Primary up-to-date assessment data <sup>(1)</sup>	N/A		New data flow. No information delivered in 2014.
CDDA1: Designated areas			Delivery on time. Percentage of sites with required attributes: centre coordinates: 100 %; size of area: 100 %; IUCN category: 100 %; designation category: 100 %; major ecosystem type: 100 %. Digital boundaries provided for 100 % of sites with area > 1 ha. Spatial data follow the requested criteria.
E-PRTR1: European Pollutant Release and Transfer Register			Data delivery on time to CDR. Completeness report provided.
ME1: Marine data			Data delivered on time. No reply to critical QA issues on previously reported data. Provided data on 5 preferred nutrients in seawater and preferred hazardous substances, but not from 2013. Stations with coordinates provided. Feedback to issues detected in the delivery provided.

<sup>(1)</sup> The scores are provided for information only.

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

Data flow name	Progress 2013–2014	Progress 2014–2015	Remark
AE1: LRTAP data			Data delivered with delay in CDR (14 April 2015).
AE1b: NEC data	N/A	N/A	Data flow is relevant for EU MS countries only.
AQDIPR-D: Assessment methods	N/A		New data flow. XML reported by 1 October with correct schema and reporting header, but failed at validation. Corrected data have been redelivered after the deadline (by 16 March 2015). All xlink references valid. Available QA checks passed. The meta-data contains sampling points for PM10/2.5 and O3, and 1 from 9 NO2 sampling points is declared at traffic location.
AQDIPR-E1a: Primary validated assessment data	N/A		New data flow. Information delivered but not in XML format (by 6 February 2015). Corrected data have been delivered after the deadline (by 16 March 2015). Data with validity > 85 % have been reported for PM2.5. Data have been also reported for PM10, O3 and for NO2 sampling points declared at traffic locations, however overall data validity is < 85 % in these cases.
AQDIPR-E2a: Primary up-to-date assessment data <sup>(1)</sup>	N/A		New data flow. No information delivered in 2014.
CDDA1: Designated areas			Delivery on time. Percentage of sites with required attributes: centre coordinates: 100 %; size of area: 100 %; IUCN category: 100 %; designation category: 100 %; major ecosystem type: 100 %. Digital boundaries provided for only 85 % of sites with area > 1 ha. Spatial data follow the requested criteria.
E-PRTR1: European Pollutant Release and Transfer Register	N/A	N/A	Country did not participate in this data flow.
ME1: Marine data	N/A	N/A	Country does not have a coastline.

<sup>(1)</sup> The scores are provided for information only.












Table 2.21 Data flow analysis for Latvia

Data flow name	Progress 2013–2014	Progress 2014–2015	Remark
AE1: LRTAP data			Data delivered on time in CDR. Time series SO <sub>2</sub> , NO <sub>x</sub> , CO, NMVOC, NH <sub>3</sub> for years 1990-2013; time series PM <sub>10</sub> and PM <sub>2.5</sub> for years 2000-2013. Requested format used NFR2014-1.
AE1b: NEC data			Data delivered on time for years from 1990 to 2013. Data re-delivered the 24 March 2015 in the requested format NFR2014-1. National inventory report provided.
AQDIPR-D: Assessment methods	N/A		New data flow. XML reported by 1 October with correct schema and reporting header, but failed at validation. Corrected file redelivered after deadline. All xlink references valid. Available QA checks passed. The meta-data contains sampling points for PM <sub>10</sub> /2.5 and O <sub>3</sub> , and 37 % of NO <sub>2</sub> sampling points are declared at traffic locations.
AQDIPR-E1a: Primary validated assessment data	N/A		New data flow. Data in XML format delivered by 1 October and partially fulfilling quality requirements, including completeness checks, i.e.: data with validity > 85 % have been reported for PM <sub>10</sub> and O <sub>3</sub> as well as for NO <sub>2</sub> sampling points declared at traffic locations. Data reported for PM <sub>2.5</sub> show overall validity < 85 %.
AQDIPR-E2a: Primary up-to-date assessment data <sup>(1)</sup>	N/A		New data flow. No information delivered in 2014.
CDDA1: Designated areas			Delivery on time. Percentage of sites with required attributes: centre coordinates: 100 %; size of area: 100 %; IUCN category: 100 %; designation category: 100 %; major ecosystem type: 99 %. Digital boundaries provided for 100 % of sites with area > 1 ha. Spatial data follow the requested criteria.
E-PRTR1: European Pollutant Release and Transfer Register			Data delivered to CDR with delay (1 April 2015). Completeness report provided.
ME1: Marine data			Data delivered on time. No reply to critical QA issues on previously reported data. Provided data on 5 preferred nutrients in seawater. Hazardous substances in biota not provided. Stations with coordinates provided.

<sup>(1)</sup> The scores are provided for information only.

Table 2.22 Data flow analysis for Liechtenstein

Data flow name	Progress 2013–2014	Progress 2014–2015	Remark
AE1: LRTAP data			Data delivered on time in CDR. Time series SO <sub>2</sub> , NO <sub>x</sub> , CO, NMVOC, NH <sub>3</sub> for years 1985-2013; time series PM <sub>10</sub> and PM <sub>2.5</sub> for years 1985-2013. Format used NFR2004-1 instead of NFR2014-1.
AE1b: NEC data	N/A	N/A	Data flow is relevant for EU MS countries only.
AQDIPR-D: Assessment methods	N/A		New data flow. No data delivered (by 5 May 2015).
AQDIPR-E1a: Primary validated assessment data	N/A		New data flow. No information delivered in XML format (by 5 May 2015).
AQDIPR-E2a: Primary up-to-date assessment data <sup>(1)</sup>	N/A		New data flow. No information delivered in 2014.
CDDA1: Designated areas			No new delivery under CDDA 2015 data collection, informed to use previously reported data instead. Percentage of sites with required attributes: centre coordinates: 100 %; size of area: 100 %; IUCN category: 100 %; designation category: 100 %. Digital boundaries provided for 100 % of sites with area > 1 ha.
E-PRTR1: European Pollutant Release and Transfer Register			Data delivered to CDR with delay (7 April 2015). Completeness report missing.
ME1: Marine data	N/A	N/A	Country does not have a coastline.

<sup>(1)</sup> The scores are provided for information only.

Table 2.23 Data flow analysis for Lithuania

Data flow name	Progress 2013–2014	Progress 2014–2015	Remark
AE1: LRTAP data			Data delivered on time in CDR. Time series SO <sub>2</sub> , NO <sub>x</sub> , CO, NMVOC, NH <sub>3</sub> for years 1990-2013; time series PM <sub>10</sub> and PM <sub>2.5</sub> for years 1990-2013. Requested format used NFR2014-1.
AE1b: NEC data			Data delivered on time for years from 1990 to 2013. Requested format used NFR2014-1. National inventory report not provided.
AQDIPR-D: Assessment methods	N/A		New data flow. XML reported by 1 October with correct schema and reporting header, successfully validated. All xlink references valid. Available QA checks passed. The meta-data contains sampling points for PM <sub>10/2.5</sub> and O <sub>3</sub> , and 29 % of NO <sub>2</sub> sampling points are declared at traffic locations.
AQDIPR-E1a: Primary validated assessment data	N/A		New data flow. Data in XML format delivered by 1 October and fulfilling quality requirements, including completeness checks, i.e.: data with validity > 85 % have been reported for PM <sub>10/2.5</sub> and O <sub>3</sub> as well as for NO <sub>2</sub> sampling points declared at traffic locations.
AQDIPR-E2a: Primary up-to-date assessment data <sup>(1)</sup>	N/A		New data flow. No information delivered in 2014.
CDDA1: Designated areas			No information delivered under CDDA 2015 data collection.
E-PRTR1: European Pollutant Release and Transfer Register			Data delivery on time to CDR. Completeness report provided.
ME1: Marine data			Data made available through ICES. Reply to critical QA issues on previously reported data received. Provided data on 5 preferred nutrients in seawater. Preferred hazardous substances in biota provided. Stations with coordinates provided. Feedback to issues detected in the delivery provided.














<sup>(1)</sup> The scores are provided for information only.

Table 2.24 Data flow analysis for Luxembourg

Data flow name	Progress 2013–2014	Progress 2014–2015	Remark
AE1: LRTAP data			Data delivered on time in CDR. Time series SO <sub>2</sub> , NO <sub>x</sub> , CO, NMVOC, NH <sub>3</sub> for years 1990-2013; time series PM <sub>10</sub> and PM <sub>2.5</sub> for years 1990-2013. Requested format used NFR2014-1.
AE1b: NEC data			Data delivered on time for years from 1990 to 2013. Requested format used NFR2014-1. National inventory report not provided.
AQDIPR-D: Assessment methods	N/A		New data flow. XML reported by 1 October with correct schema and reporting header, successfully validated. All xlink references valid. Available QA checks passed. The meta-data contains sampling points for PM <sub>10/2.5</sub> and O <sub>3</sub> , and 17 % (2 from 12) NO <sub>2</sub> sampling points are declared at traffic locations.
AQDIPR-E1a: Primary validated assessment data	N/A		New data flow. Data in XML format delivered by 1 October and fulfilling quality requirements, including completeness checks, i.e.: data have been reported for PM <sub>10/2.5</sub> and O <sub>3</sub> (with validity >85 %) as well as for NO <sub>2</sub> sampling points (but none at traffic locations)
AQDIPR-E2a: Primary up-to-date assessment data <sup>(1)</sup>	N/A		New data flow. No information delivered in 2014.
CDDA1: Designated areas			Delivery on time. Percentage of sites with required attributes: centre coordinates: 100 %; size of area: 100 %; IUCN category: 100 %; designation category: 100 %; major ecosystem type: 100 %. Digital boundaries provided for only 96 % of sites with area > 1 ha. Spatial data do not follow the requested criteria (presence of duplicated site codes, missing site codes, multiple spatial datasets).
E-PRTR1: European Pollutant Release and Transfer Register			Data delivery on time to CDR. Completeness report provided.
ME1: Marine data	N/A	N/A	Country does not have a coastline.










<sup>(1)</sup> The scores are provided for information only.

Table 2.25 Data flow analysis for Malta

Data flow name	Progress 2013–2014	Progress 2014–2015	Remark
AE1: LRTAP data			Data delivered with delay in CDR (25 March 2015).
AE1b: NEC data			Data delivered on time for years from 2000 to 2013. Requested format used NFR2014-1. National inventory report not provided.
AQDIPR-D: Assessment methods	N/A		New data flow. XML reported after deadline with correct schema and reporting header, successfully validated. All xlink references valid. Available QA checks passed. The meta-data contains sampling points for PM10/2.5 and O3, and 1 from 4 NO2 sampling points are declared at traffic locations.
AQDIPR-E1a: Primary validated assessment data	N/A		New data flow. Data in XML format delivered after deadline, fulfills quality requirements, including completeness checks, i.e.: data have been reported for PM10/2.5 and O3 as well as for NO2 sampling points declared at traffic location with validity > 85 %.
AQDIPR-E2a: Primary up-to-date assessment data <sup>(1)</sup>	N/A		New data flow. No information delivered in 2014.
CDDA1: Designated areas			Delivery on time. Percentage of sites with required attributes: centre coordinates: 100 %; size of area: 100 %; IUCN category: 100 %; designation category: 100 %; major ecosystem type: 100 %. Digital boundaries provided for 100 % of sites with area > 1 ha. Spatial data follow the requested criteria.
E-PRTR1: European Pollutant Release and Transfer Register			Data delivered to CDR with delay (9 April 2015). Completeness report provided.
ME1: Marine data			No data delivery under WISE SoE TCM data collection 2014.














<sup>(1)</sup> The scores are provided for information only.

Table 2.26 Data flow analysis for Montenegro

Data flow name	Progress 2013–2014	Progress 2014–2015	Remark
AE1: LRTAP data			No information available in CDR on 9 April 2015.
AE1b: NEC data	N/A	N/A	Data flow is relevant for EU MS countries only.
AQDIPR-D: Assessment methods	N/A		New data flow. XML reported after deadline with correct schema and reporting header, successfully validated. All xlink references valid. Available QA checks passed. The meta-data contains sampling points for PM10 and O3, and NO2 sampling points declared at traffic locations. Sampling points for PM2.5 have not been reported.
AQDIPR-E1a: Primary validated assessment data	N/A		New data flow. Data in XML format delivered after deadline, partially fulfilling quality requirements such as completeness checks, i.e.: data with overall validity > 85 % have been reported for PM10 and O3 as well as for NO2 sampling points declared at traffic locations. No data have been reported for PM2.5.
AQDIPR-E2a: Primary up-to-date assessment data <sup>(1)</sup>	N/A		New data flow. No information delivered in 2014.
CDDA1: Designated areas			Delivery on time. Percentage of sites with required attributes: centre coordinates: 55 %; size of area: 100 %; IUCN category: 100 %; designation category: 100 %; major ecosystem type: 100 %. Digital boundaries provided for 9 % of sites with area > 1 ha but only as buffered point data.
E-PRTR1: European Pollutant Release and Transfer Register	N/A	N/A	Country did not participate in this data flow.
ME1: Marine data			No data delivery under WISE SoE TCM data collection 2014.

<sup>(1)</sup> The scores are provided for information only.












Table 2.27 Data flow analysis for the Netherlands

Data flow name	Progress 2013–2014	Progress 2014–2015	Remark
AE1: LRTAP data			Data delivered on time in CDR. Time series SO <sub>2</sub> , NO <sub>x</sub> , CO, NMVOC, NH <sub>3</sub> for years 1990-2013; time series PM <sub>10</sub> and PM <sub>2.5</sub> for years 1990-2013. Requested format used NFR2014-1.
AE1b: NEC data			Data delivered on time for years 2012 and 2013. Requested format used NFR2014-1. National inventory report provided the 15 March 2015.
AQDIPR-D: Assessment methods	N/A		New data flow. XML reported with correct schema and reporting header, successfully validated. Not all xlink references valid. Available QA checks passed. The meta-data contains sampling points for PM <sub>10/2.5</sub> and O <sub>3</sub> , and 15 % of NO <sub>2</sub> sampling points are declared at traffic locations.
AQDIPR-E1a: Primary validated assessment data	N/A		New data flow. Data in XML format delivered by 1 October and fulfilling quality requirements, including completeness checks, i.e.: data with validity > 85 % have been reported for PM <sub>10/2.5</sub> and O <sub>3</sub> as well as for NO <sub>2</sub> sampling points declared at traffic locations.
AQDIPR-E2a: Primary up-to-date assessment data <sup>(1)</sup>	N/A		New data flow. No information delivered in 2014.
CDDA1: Designated areas			Delivery on time. Percentage of sites with required attributes: centre coordinates: 100 %; size of area: 100 %; IUCN category: 100 %; designation category: 100 %; major ecosystem type: 100 %. Digital boundaries provided for 99 % of sites with area > 1 ha. Spatial data do not follow the requested criteria (multiple spatial datasets).
E-PRTR1: European Pollutant Release and Transfer Register			Data delivery on time to CDR. Completeness report provided.
ME1: Marine data			Data made available through ICES. No reply to critical QA issues on previously reported data. Provided data on 4 preferred nutrients in seawater. Preferred hazardous substances in biota provided. Stations with coordinates provided.

<sup>(1)</sup> The scores are provided for information only.



Table 2.28 Data flow analysis for Norway

Data flow name	Progress 2013–2014	Progress 2014–2015	Remark
AE1: LRTAP data			Data delivered on time in CDR. Time series SO <sub>2</sub> , NO <sub>x</sub> , CO, NMVOC, NH <sub>3</sub> for years 1990-2013; time series PM <sub>10</sub> and PM <sub>2.5</sub> for years 1990-2013. Requested format used NFR2014-1.
AE1b: NEC data	N/A	N/A	Data flow is relevant for EU MS countries only.
AQDIPR-D: Assessment methods	N/A		New data flow. XMLs reported by 1 October with correct schema and reporting header, successfully validated. All xlink references valid. Available QA checks passed. The meta-data contains sampling points for PM <sub>10</sub> /2.5 and O <sub>3</sub> , and NO <sub>2</sub> . Classification of sampling point is missing.
AQDIPR-E1a: Primary validated assessment data	N/A		New data flow. Data in XML format delivered by 1 October and fulfilling quality requirements, including completeness checks, i.e.: data with validity > 85 % have been reported for PM <sub>10</sub> /2.5, NO <sub>2</sub> and O <sub>3</sub> sampling points. Classification of sampling points has not been given and therefore it was not possible to conclude about traffic locations of NO <sub>2</sub> sampling points.
AQDIPR-E2a: Primary up-to-date assessment data <sup>(1)</sup>	N/A		New data flow. Up-to-date information transfer started in January 2014, with at least 50 % of sampling points declared in AQDIPR-D for PM <sub>10</sub> /2.5 and O <sub>3</sub> .
CDDA1: Designated areas			Delivery on time. Percentage of sites with required attributes: centre coordinates: 100 %; size of area: 100 %; IUCN category: 100 %; designation category: 100 %; major ecosystem type: 100 %. Digital boundaries provided for 100 % of sites with area > 1 ha. Spatial data follow the requested criteria.
E-PRTR1: European Pollutant Release and Transfer Register			Data delivery on time to CDR. Completeness report missing.
ME1: Marine data			Data made available through ICES. Reply to critical QA issues on previously reported data received. No data on preferred nutrients in seawater. Preferred hazardous substances in biota provided. Stations with coordinates provided.

<sup>(1)</sup> The scores are provided for information only.

Table 2.29 Data flow analysis for Poland

Data flow name	Progress 2013–2014	Progress 2014–2015	Remark
AE1: LRTAP data			Data delivered on time in CDR. Requested time series for PM10 and PM2.5 (1995-2013) but but partial time series SO2, NOx, CO, NMVOC, NH3 (1995-2013). Requested format used NFR2014-1.
AE1b: NEC data			Data delivered on time for years from 1995 to 2013. Data re-delivered the 30 March 2015 in the requested format NFR2014-1. National inventory report provided.
AQDIPR-D: Assessment methods	N/A		New data flow. XMLs reported by 1 October with correct schema and reporting header, however one of the files (SamplingPointProcess) failed at validation. Not all xlink references valid (SamplingPointProcess). Corrected file redelivered after deadline (although marked as 'preliminary'). Available QA checks passed. The meta-data contains sampling points for PM10/2.5 and O3, and 9 % of NO2 sampling points are declared at traffic locations.
AQDIPR-E1a: Primary validated assessment data	N/A		New data flow. Data in XML format delivered by 1 October and fulfilling quality requirements, including completeness checks, i.e.: data with validity > 85 % have been reported for PM2.5, O3 and for NO2 sampling points declared at traffic locations. Data have been also reported for PM10, however overall data validity is < 85 % in this case.
AQDIPR-E2a: Primary up-to-date assessment data <sup>(1)</sup>	N/A		New data flow. Up-to-date information transfer started in January 2014.
CDDA1: Designated areas			Delivery on time. Percentage of sites with required attributes: centre coordinates: 100 %; size of area: 100 %; IUCN category: 100 %; designation category: 100 %; major ecosystem type: 100 %. Digital boundaries provided for 100 % of sites with area > 1 ha. Spatial data follow the requested criteria.
E-PRTR1: European Pollutant Release and Transfer Register			Data delivery on time to CDR. Completeness report missing.
ME1: Marine data			Data made available through ICES. Reply to critical QA issues on previously reported data received. Provided data on 5 preferred nutrients in seawater. Preferred hazardous substances in biota provided. Stations with coordinates provided.














<sup>(1)</sup> The scores are provided for information only.

Table 2.30 Data flow analysis for Portugal

Data flow name	Progress 2013–2014	Progress 2014–2015	Remark
AE1: LRTAP data			Data delivered on time in CDR. Time series SO <sub>2</sub> , NO <sub>x</sub> , CO, NMVOC, NH <sub>3</sub> for years 1990-2013; time series PM <sub>10</sub> and PM <sub>2.5</sub> for years 1990-2013. Requested format used NFR2014-1.
AE1b: NEC data			Data delivered on time by e-mail (31 Dec. 20014). The same data were then uploaded in CDR on 13 Jan 2015. National inventory report not provided.
AQDIPR-D: Assessment methods	N/A		New data flow. XML reported by 1 October with correct schema, but failed at validation. File redelivered after deadline but still does not validate (due to missing inlet height). Corrected file redelivered after deadline. All xlink references valid. Available QA checks passed. The meta-data contains sampling points for PM <sub>10/2.5</sub> and O <sub>3</sub> , and 39 % of NO <sub>2</sub> sampling points are declared at traffic locations.
AQDIPR-E1a: Primary validated assessment data	N/A		New data flow. Data in XML format delivered by 1 October and fulfilling quality requirements, including completeness checks, i.e.: data with validity > 85 % have been reported for PM <sub>10/2.5</sub> and O <sub>3</sub> as well as for NO <sub>2</sub> sampling points declared at traffic locations.
AQDIPR-E2a: Primary up-to-date assessment data <sup>(1)</sup>	N/A		New data flow. No information delivered in 2014.
CDDA1: Designated areas			Delivery on time. Percentage of sites with required attributes: centre coordinates: 100 %; size of area: 100 %; IUCN category: 100 %; designation category: 100 %; major ecosystem type: 100 %. Digital boundaries provided for 100 % of sites with area > 1 ha. Spatial data follow the requested criteria.
E-PRTR1: European Pollutant Release and Transfer Register			Data delivery on time to CDR. Completeness report provided with delay.
ME1: Marine data			No data delivery under WISE SoE TCM data collection 2014.










<sup>(1)</sup> The scores are provided for information only.

Table 2.31 Data flow analysis for Romania

Data flow name	Progress 2013–2014	Progress 2014–2015	Remark
AE1: LRTAP data			Data delivered on time in CDR. Partial time series SO <sub>2</sub> , NO <sub>x</sub> , CO, NMVOC, NH <sub>3</sub> , PM <sub>2.5</sub> and PM <sub>10</sub> with only year 2013 provided. Requested format used NFR2014-1.
AE1b: NEC data			Data delivered on time for years from 2012 and 2013. Format used NFR 2009-1. National inventory report provided.
AQDIPR-D: Assessment methods	N/A		New data flow. XML reported with correct schem, but failed at validation. Corrected file redelivered after deadline. All xlink references valid. Available QA checks passed. The meta-data contains sampling points for PM <sub>10</sub> /2.5 and O <sub>3</sub> , and 16 % of NO <sub>2</sub> sampling points are declared at traffic locations.
AQDIPR-E1a: Primary validated assessment data	N/A		New data flow. Data in XML format delivered by 1 October and fulfilling quality requirements, including completeness checks, i.e.: data with validity > 85 % have been reported for PM <sub>10</sub> /2.5 and O <sub>3</sub> as well as for NO <sub>2</sub> sampling points declared at traffic locations.
AQDIPR-E2a: Primary up-to-date assessment data <sup>(1)</sup>	N/A		New data flow. No information delivered in 2014.
CDDA1: Designated areas			Delivery on time. Percentage of sites with required attributes: centre coordinates: 100 %; size of area: 100 %; IUCN category: 100 %; designation category: 100 %; major ecosystem type: 100 %. Digital boundaries provided for only 93 % of sites with area > 1 ha. Spatial data follow the requested criteria.
E-PRTR1: European Pollutant Release and Transfer Register			Data delivery on time to CDR. Completeness report provided.
ME1: Marine data			Data delivered on time. No reply to critical QA issues on previously reported data. Provided data on 5 preferred nutrients in seawater. Preferred hazardous substances in biota provided. Stations with coordinates provided. Feedback to issues detected in the delivery provided.












<sup>(1)</sup> The scores are provided for information only.

Table 2.32 Data flow analysis for Serbia

Data flow name	Progress 2013–2014	Progress 2014–2015	Remark
AE1: LRTAP data			Data delivered on time in CDR. Time series SO <sub>2</sub> , NO <sub>x</sub> , CO, NMVOC, NH <sub>3</sub> for years 1990-2013; time series PM <sub>10</sub> and PM <sub>2.5</sub> for years 1990-2013. Requested format used NFR2014-1.
AE1b: NEC data	N/A	N/A	Data flow is relevant for EU MS countries only.
AQDIPR-D: Assessment methods	N/A		New data flow. XML reported by 1 October with correct schema and reporting header, successfully validated. All xlink references valid. Available QA checks passed. The meta-data contains sampling points for PM <sub>10</sub> and O <sub>3</sub> , and 21 % of NO <sub>2</sub> sampling points are declared at traffic locations. However there are no sampling points declared for PM <sub>2.5</sub> .
AQDIPR-E1a: Primary validated assessment data	N/A		New data flow. Data in XML format delivered after deadline, partially fulfills quality requirements, including completeness checks, i.e.: data with validity > 85 % have been reported for PM <sub>10</sub> and O <sub>3</sub> as well as for NO <sub>2</sub> sampling points at traffic locations. No data for PM <sub>2.5</sub> have been reported.
AQDIPR-E2a: Primary up-to-date assessment data <sup>(1)</sup>	N/A		New data flow. No information delivered in 2014.
CDDA1: Designated areas			Delivery on time. Percentage of sites with required attributes: centre coordinates: 100 %; size of area: 100 %; IUCN category: 100 %; designation category: 100 %; major ecosystem type: 100 %. Digital boundaries provided for only 70 % of sites with area > 1 ha. Spatial data do not follow the requested criteria (presence of duplicated site codes).
E-PRTR1: European Pollutant Release and Transfer Register			Data delivery on time to CDR. Completeness report provided.
ME1: Marine data	N/A	N/A	Country does not have a coastline.

<sup>(1)</sup> The scores are provided for information only.

Table 2.33 Data flow analysis for Slovakia

Data flow name	Progress 2013–2014	Progress 2014–2015	Remark
AE1: LRTAP data			Data delivered on time in CDR. Time series SO <sub>2</sub> , NO <sub>x</sub> , CO, NMVOC, NH <sub>3</sub> for years 2000-2013; time series PM <sub>10</sub> and PM <sub>2.5</sub> for years 2000-2013. Requested format used NFR2014-1.
AE1b: NEC data			Data delivered on time for years from 2000 to 2013. Requested format used NFR2014-1. National inventory report provided.
AQDIPR-D: Assessment methods	N/A		New data flow. XML reported by 1 October with correct schema and reporting header, successfully validated. All xlink references valid. Available QA checks passed. The meta-data contains sampling points for PM <sub>10</sub> /2.5 and O <sub>3</sub> , and 47 % of NO <sub>2</sub> sampling points are declared at traffic locations.
AQDIPR-E1a: Primary validated assessment data	N/A		New data flow. Data in XML format delivered by 1 October and fulfilling quality requirements, including completeness checks, i.e.: data with overall validity > 85 % have been reported for PM <sub>10</sub> /2.5 and O <sub>3</sub> as well as for NO <sub>2</sub> sampling points declared at traffic location.
AQDIPR-E2a: Primary up-to-date assessment data <sup>(1)</sup>	N/A		New data flow. No information delivered in 2014.
CDDA1: Designated areas			Delivery on time. Percentage of sites with required attributes: centre coordinates: 93 %; size of area: 100 %; IUCN category: 100 %; designation category: 100 %; major ecosystem type: 100 %. Digital boundaries provided for 98 % of sites with area > 1 ha. Spatial data contains duplicated site codes but otherwise follow the requested criteria.
E-PRTR1: European Pollutant Release and Transfer Register			Data delivery on time to CDR. Completeness report provided.
ME1: Marine data	N/A	N/A	Country does not have a coastline.

<sup>(1)</sup> The scores are provided for information only.














Table 2.34 Data flow analysis for Slovenia

Data flow name	Progress 2013–2014	Progress 2014–2015	Remark
AE1: LRTAP data			Data delivered on time in CDR. Time series SO <sub>2</sub> , NO <sub>x</sub> , CO, NMVOC, NH <sub>3</sub> for years 1980-2013; time series PM <sub>10</sub> and PM <sub>2.5</sub> for years 2000-2013. Requested format used NFR2014-1.
AE1b: NEC data			Data delivered on time for year 2013. Requested format used NFR2014-1. National inventory report not provided.
AQDIPR-D: Assessment methods	N/A		New data flow. XML reported by 1 October with correct schema and reporting header, but failed at validation. Corrected file redelivered after deadline. All xlink references valid. Available QA checks passed. The meta-data contains sampling points for PM <sub>10</sub> /2.5 and O <sub>3</sub> , and 30 % of NO <sub>2</sub> sampling points are declared at traffic locations.
AQDIPR-E1a: Primary validated assessment data	N/A		New data flow. Data in XML format delivered by 1 October and fulfilling quality requirements, including completeness checks, i.e.: data with validity > 85 % have been reported for PM <sub>10</sub> /2.5 and O <sub>3</sub> as well as for NO <sub>2</sub> sampling points declared at traffic locations.
AQDIPR-E2a: Primary up-to-date assessment data <sup>(1)</sup>	N/A		New data flow. No information delivered in 2014.
CDDA1: Designated areas			Delivery on time. Percentage of sites with required attributes: centre coordinates: 100 %; size of area: 100 %; IUCN category: 100 %; designation category: 100 %; major ecosystem type: 100 %. Digital boundaries provided for 100 % of sites with area > 1 ha. Spatial data do not follow the requested criteria (presence of duplicated site codes, presence of same sites in both polygon and point layer).
E-PRTR1: European Pollutant Release and Transfer Register			Data delivery on time to CDR. Completeness report provided.
ME1: Marine data			Data delivered on time. Reply to critical QA issues on previously reported data received. Provided data on 4 preferred nutrients in seawater. Preferred hazardous substances in biota provided. Stations with coordinates provided.

<sup>(1)</sup> The scores are provided for information only.



Table 2.35 Data flow analysis for Spain

Data flow name	Progress 2013–2014	Progress 2014–2015	Remark
AE1: LRTAP data			Data delivered on time in CDR. Time series SO <sub>2</sub> , NO <sub>x</sub> , CO, NMVOC, NH <sub>3</sub> for years 1990-2013; time series PM <sub>10</sub> and PM <sub>2.5</sub> for years 2000-2013. Requested format used NFR2014-1.
AE1b: NEC data			Data delivered on time for years from 1990 to 2013. Requested format used NFR2014-1. National inventory report not provided.
AQDIPR-D: Assessment methods	N/A		New data flow. XMLs reported by 1 October with correct schema and reporting header, successfully validated. All xlink references valid. Available QA checks passed. The meta-data contains sampling points for PM <sub>10/2.5</sub> and O <sub>3</sub> , and 23 % of NO <sub>2</sub> sampling points are declared at traffic locations.
AQDIPR-E1a: Primary validated assessment data	N/A		New data flow. Data in XML format delivered by 1 October and fulfilling quality requirements, including completeness checks, i.e.: data with validity > 85 % have been reported for PM <sub>10/2.5</sub> and O <sub>3</sub> as well as for NO <sub>2</sub> sampling points declared at traffic locations.
AQDIPR-E2a: Primary up-to-date assessment data <sup>(1)</sup>	N/A		New data flow. Up-to-date information transfer started in January 2014, with at least 50 % of sampling points declared in AQDIPR-D for PM <sub>10/2.5</sub> , O <sub>3</sub> and NO <sub>2</sub> (at traffic locations).
CDDA1: Designated areas			Delivery on time. Percentage of sites with required attributes: centre coordinates: 100 %; size of area: 100 %; IUCN category: 100 %; designation category: 100 %; major ecosystem type: 100 %. Digital boundaries provided for 100 % of sites with area > 1 ha. Spatial data follow the requested criteria.
E-PRTR1: European Pollutant Release and Transfer Register			Data delivery on time to CDR. Completeness report provided.
ME1: Marine data			Data delivered on time. No reply to critical QA issues on previously reported data. Provided data on 5 preferred nutrients in seawater. Preferred hazardous substances in biota provided. Stations with coordinates provided. No feedback to issues detected in the delivery.

<sup>(1)</sup> The scores are provided for information only.

Table 2.36 Data flow analysis for Sweden

Data flow name	Progress 2013–2014	Progress 2014–2015	Remark
AE1: LRTAP data			Data delivered on time in CDR. Time series SO <sub>2</sub> , NO <sub>x</sub> , CO, NMVOC, NH <sub>3</sub> for years 1990-2013; time series PM <sub>10</sub> and PM <sub>2.5</sub> for years 1990-2013. Requested format used NFR2014-1.
AE1b: NEC data			Data delivered on time for years from 1990 to 2013 but only for the national totals (no sectorial split submitted). Sectorial split data were delivered the 10 February 2015. Requested format used NFR2014-1. National inventory report provided.
AQDIPR-D: Assessment methods	N/A		New data flow. XML reported by 1 October with correct schema and reporting header, successfully validated. All xlink references valid. Available QA checks passed. The meta-data contains sampling points for PM <sub>10/2.5</sub> and O <sub>3</sub> , and 38 % of NO <sub>2</sub> sampling points are declared at traffic locations.
AQDIPR-E1a: Primary validated assessment data	N/A		New data flow. Data in XML format delivered by 1 October and fulfilling quality requirements, including completeness checks, i.e.: data with validity > 85 % have been reported for PM <sub>10/2.5</sub> and O <sub>3</sub> as well as for NO <sub>2</sub> sampling points declared at traffic locations.
AQDIPR-E2a: Primary up-to-date assessment data <sup>(1)</sup>	N/A		New data flow. Up-to-date information transfer started in November 2014, with at least 50 % of sampling points declared in AQDIPR-D (for NO <sub>2</sub> and O <sub>3</sub> ).
CDDA1: Designated areas			Delivery on time. Percentage of sites with required attributes: centre coordinates: 100 %; size of area: 100 %; IUCN category: 100 %; designation category: 100 %; major ecosystem type: 100 %. Digital boundaries provided for 100 % of sites with area > 1 ha. Spatial data follow the requested criteria.
E-PRTR1: European Pollutant Release and Transfer Register			Data delivery on time to CDR. Completeness report provided.
ME1: Marine data			Data delivered on time. Reply to critical QA issues on previously reported data received. Provided data on 5 preferred nutrients in seawater. Hazardous substances in biota not provided. Stations with coordinates provided. Feedback to issues detected in the delivery provided.










<sup>(1)</sup> The scores are provided for information only.

Table 2.37 Data flow analysis for Switzerland

Data flow name	Progress 2013–2014	Progress 2014–2015	Remark
AE1: LRTAP data			Data delivered on time in CDR. Time series SO <sub>2</sub> , NO <sub>x</sub> , CO, NMVOC, NH <sub>3</sub> for years 1980-2013; time series PM <sub>10</sub> and PM <sub>2.5</sub> for years 1980-2013. Requested format used NFR2014-1.
AE1b: NEC data	N/A	N/A	Data flow is relevant for EU MS countries only.
AQDIPR-D: Assessment methods	N/A		New data flow. XML reported by 1 October with correct schema and reporting header, successfully validated. All xlink references valid. Available QA checks passed. The meta-data contains sampling points for PM <sub>10</sub> /2.5 and O <sub>3</sub> , and 34 % of NO <sub>2</sub> sampling points are declared at traffic locations.
AQDIPR-E1a: Primary validated assessment data	N/A		New data flow. Data in XML format delivered by 1 October and fulfilling quality requirements, including completeness checks, i.e.: data with validity > 85 % have been reported for PM <sub>10</sub> and O <sub>3</sub> as well as for NO <sub>2</sub> sampling points declared at traffic locations. PM <sub>2.5</sub> data has been reported with overall validity < 85 %.
AQDIPR-E2a: Primary up-to-date assessment data <sup>(1)</sup>	N/A		New data flow. No information delivered in 2014.
CDDA1: Designated areas			Delivery on time. Percentage of sites with required attributes: centre coordinates: 100 %; size of area: 100 %; IUCN category: 100 %; designation category: 100 %; major ecosystem type: 100 %. Due to the discrepancies in the structure the digital boundaries could be directly linked to only 30 % of sites with area > 1 ha. Spatial data do not follow the requested criteria (national projection used, presence of duplicated site codes, missing site codes). Promised to improve it in the next delivery.
E-PRTR1: European Pollutant Release and Transfer Register			Data delivery on time to CDR. Completeness report provided.
ME1: Marine data	N/A	N/A	Country does not have a coastline.

<sup>(1)</sup> The scores are provided for information only.

Table 2.38 Data flow analysis for Turkey

Data flow name	Progress 2013–2014	Progress 2014–2015	Remark
AE1: LRTAP data			Data delivered on time in CDR. Time series SO <sub>2</sub> , NO <sub>x</sub> , CO, NMVOC, NH <sub>3</sub> , PM <sub>10</sub> for years 1990-2013; no data delivered for PM <sub>2.5</sub> . Requested format used NFR2014-1.
AE1b: NEC data	N/A	N/A	Data flow is relevant for EU MS countries only.
AQDIPR-D: Assessment methods	N/A		New data flow. No data delivered (by 5 May 2015).
AQDIPR-E1a: Primary validated assessment data	N/A		New data flow. No information delivered in XML format (by 5 May 2015).
AQDIPR-E2a: Primary up-to-date assessment data <sup>(1)</sup>	N/A		New data flow. No information delivered in 2014.
CDDA1: Designated areas			Delivery on time. Percentage of sites with required attributes: centre coordinates: 100 %; size of area: 100 %; IUCN category: 100 %; designation category: 100 %. Major ecosystem type missing. Site code not filled for all sites records. Spatial data do not follow the requested criteria (multiple spatial datasets, missing site codes).
E-PRTR1: European Pollutant Release and Transfer Register	N/A	N/A	Country did not participate in this data flow.
ME1: Marine data			Data delivered on time. No reply to critical QA issues on previously reported data. Provided data on 2 preferred nutrients in seawater. Hazardous substances in biota not provided. Stations with coordinates provided.

<sup>(1)</sup> The scores are provided for information only.

Table 2.39 Data flow analysis for the United Kingdom

Data flow name	Progress 2013–2014	Progress 2014–2015	Remark
AE1: LRTAP data			Data delivered on time in CDR. Time series SO <sub>2</sub> , NO <sub>x</sub> , CO, NMVOC, NH <sub>3</sub> for years 1990-2013; time series PM <sub>10</sub> and PM <sub>2.5</sub> for years 1990-2013. Requested format used NFR2014-1.
AE1b: NEC data			Data delivered on time for years from 2009 to 2013. Requested format used NFR2014-1. National inventory report not provided.
AQDIPR-D: Assessment methods	N/A		New data flow. XMLs reported by 1 October with correct schema, problems with reporting header reported (29 September 2014) for Gibraltar, all XMLs successfully validated. All xlink references valid. Available QA checks passed. The meta-data contains sampling points for PM <sub>10/2.5</sub> and O <sub>3</sub> , and 32 % of NO <sub>2</sub> sampling points are declared at traffic locations.
AQDIPR-E1a: Primary validated assessment data	N/A		New data flow. Data in XML format delivered by 1 October and fulfilling quality requirements, including completeness checks, i.e.: data with validity > 85 % have been reported for PM <sub>10/2.5</sub> and O <sub>3</sub> as well as for NO <sub>2</sub> sampling points declared at traffic locations.
AQDIPR-E2a: Primary up-to-date assessment data <sup>(1)</sup>	N/A		New data flow. Up-to-date information transfer started in January 2014, with at least 50 % of sampling points declared in AQDIPR-D for PM <sub>10/2.5</sub> , O <sub>3</sub> and NO <sub>2</sub> (at traffic locations).
CDDA1: Designated areas			Delivery on time. Percentage of sites with required attributes: centre coordinates: 100 %; size of area: 100 %; IUCN category: 100 %; designation category: 100 %; major ecosystem type: 40 %. Digital boundaries provided for 100 % of sites with area > 1 ha.
E-PRTR1: European Pollutant Release and Transfer Register			Data delivered to CDR with delay (7 April 2015). Completeness report missing.
ME1: Marine data			Data made available through ICES. Provided data on 5 preferred nutrients in seawater. Preferred hazardous substances in biota provided. Stations with coordinates provided.

<sup>(1)</sup> The scores are provided for information only.





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