Status of emission reporting
Review of inventories

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CEIP, ETC ACM
TFEIP, 13 May 2014, Gent
Content

- Status of reporting
- Review process
- Adjustment
- 2015 onwards

http://www.ceip.at/ms/ceip_home1/ceip_home/status_reporting/2011_submissions/
Reporting under the CLRTAP in 2014

http://www.ceip.at/ms/ceip_home1/ceip_home/status_reporting/2014_submissions/

### Submissions 2014

<table>
<thead>
<tr>
<th>Party</th>
<th>Date of initial submission</th>
<th>Informative Inventory Report</th>
<th>Inventory files NFR/Other</th>
<th>Notification form received</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALBANIA</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ARMENIA</td>
<td>17 February 2014</td>
<td>IIR</td>
<td>Other</td>
<td>17 February 2014</td>
</tr>
<tr>
<td>AUSTRIA</td>
<td>13 February 2014</td>
<td>25 April 2014</td>
<td>NFR</td>
<td>X</td>
</tr>
<tr>
<td>AZERBAIJAN</td>
<td></td>
<td>IIR</td>
<td>NFR</td>
<td>X</td>
</tr>
<tr>
<td>BELARUS</td>
<td>17 April 2014</td>
<td>IIR</td>
<td>NFR</td>
<td>X</td>
</tr>
<tr>
<td>BELGIUM</td>
<td>15 February 2014</td>
<td>IIR</td>
<td>NFR/Other</td>
<td>X</td>
</tr>
<tr>
<td>BOSNIA &amp; HERZEGOVINA</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BULGARIA</td>
<td>14 February 2014</td>
<td>IIR</td>
<td>NFR</td>
<td>X</td>
</tr>
</tbody>
</table>

Updates of the overview table:
- **Continuously**

Overview graph on timeliness of reporting [PDF, 187KB] in 2014.

Trend Tables [XLS, 599KB] of data reported until April 2014.
Emission reporting since 2002

Inventories

- Submissions after deadline
- Submissions within deadline
Reporting under the CLRTAP in 2014

- 42 (82%) submissions from 51 Parties, 32 Parties within deadline - 12 resubmissions
  9 missing
- 32 IIRs, 32 Activity data
Status of reporting under NECD

- All 28 EU MS submitted 2011 and 2012 data
- 25 MS on time
- Italy, Hungary and Greece after deadline
**Review results 2014**

In this section you can display / download stage 1 and stage 2 review data for your country as soon as it is available. You can also deliver comments to the stage 2 review and answers to IEF test questions. The access is password protected. User names and passwords were already provided to CEIP contact points [PDF, 94KB], but will be provided again in 2014.

<table>
<thead>
<tr>
<th>Party</th>
<th>Stage 1 Status reports</th>
<th>Stage 2 review data</th>
<th>Implied emission factor tests</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALBANIA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ARMENIA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AUSTRIA</td>
<td>Stage 1 Report</td>
<td>Stage 2 Analysis</td>
<td></td>
</tr>
<tr>
<td>AZERBAIJAN</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BELARUS</td>
<td>Stage 1 Report</td>
<td>Stage 2 Analysis</td>
<td></td>
</tr>
<tr>
<td>BELGIUM</td>
<td>Stage 1 Report</td>
<td>Stage 2 Analysis</td>
<td></td>
</tr>
</tbody>
</table>

http://www.ceip.at/ms/ceip_home1/ceip_home/results/results_2014/
Recalculations of 2005 and 2010 NOx, difference between data reported in 2007/resp. 2012 and 2014

2005:
- 10 countries > 20%
- **Bulgaria** -34%, **Luxembourg** -77%, **Malta** -21%, **Serbia** +283% ;

2010:
- 7 countries range more than 5%
- **Romania** -20%, **Turkey** -13%, **Sweden** -8%; 2010 emissions are decreasing
Recalculations of 2005 and 2010 NH₃ difference between data reported in 2007/resp. 2012 and 2014

2005;
- 9 countries range more than 20 %
- Bulgaria -15%,
- Poland -17%,
- Portugal -31% ;

2010;
- 13 countries >5%
- Licht. -37%,
- Bulgaria -17%,
- 2010 emissions are decreasing
Awarded IIRs

2014
Norway
France
Denmark
Latvia
Belgium
Slovenia
UK

2013
Finland
Sweden
Croatia
Estonia
Poland
Spain

2012
United Kingdom
Germany
The Netherlands
FYR Macedonia
Ireland
Denmark

2011
Finland
Estonia
Austria
Croatia
Switzerland

2010
France
Germany
The Netherlands
Croatia
Cyprus
S3 Reviews + adjustment review 2014

- SB decision: Standard S3 review of inventories + review of adjustments
- Processes are partly parallel but not identical
  - Adjustment review: EB decision 2012/12
  - S3 review: EMEP review guidelines

- Challenges
  - Limited resources
  - Different formats of submitted adjustments
  - No experience with review of adjustments
  - Guidance /templates for reviewers under development (checklist, guidance, report template)
8 countries: Greece, Cyprus, Denmark, Hungary, Poland, Spain, Belgium

- In-depth inventory review of the Netherlands and Ireland will be postponed to the year 2015.
- Review of Germany and Croatia is planned instead.
- Russia and Moldova did not submit 2013 data, therefore centralised in-depth review of these 2 countries is cancelled.

http://www.ceip.at/ms/ceip_home1/ceip_home/review

6 countries submitted adjustment applications: Belgium, Croatia, Denmark, France, Germany, Spain

- Review of submitted adjustments is planned for May-July 2014.
- The review will be conducted by experts nominated by Parties to the CEIP roster.

http://www.ceip.at/ms/ceip_home1/ceip_home/adjustments_gp/
Sectors: Energy, Transport, Agriculture, Waste
Pollutants: NOx, NH3
Why: New sources, revised EFs (methods?)
Requirements
- 5 countries / adjustment of emission inventories
- 1 country / adjustment of emission ceiling
### Adjustment application

<table>
<thead>
<tr>
<th>Check no</th>
<th>Legal basis</th>
<th>Requirement</th>
<th>Notification/supportive information submitted on time</th>
</tr>
</thead>
<tbody>
<tr>
<td>C1</td>
<td>Decision 2012/12, Part 1, para. 1</td>
<td>Any Party applying a new adjustment to its inventory shall notify the Convention secretariat through the Executive Secretary by <strong>15 February at the latest</strong>, when submitting its full national inventory using best available science.</td>
<td>yes</td>
</tr>
<tr>
<td>C2</td>
<td>Decision 2012/12, Part 1, para. 1</td>
<td>All supportive information requested in Decision 2012/12 shall be provided as part of the Informative Inventory Report, or in a separate report, by <strong>15 March</strong> of the same year.</td>
<td>no</td>
</tr>
</tbody>
</table>
### Step 1 - General information on adjustment proposal and assessment of timeliness of proposal

*Please fill in the required information:*

| Name of Party submitting the adjustment proposal | Croatia |
| Resons for adjustment | new emissions sources, updated emission factors |
| Pollutants for which adjustment is submitted | NH3 |
| Sector for which adjustment is submitted | Fugitive emissions, Agriculture; Waste water handling |
| Year(s) for which adjustment is proposed | revision of ceiling; |
| Date of notification of adjustment to secretariat | 07/02/2014 |
| Date of submission of supporting documentation | 17/03/2014 |
| List of submitted documents | Croatia, pdf  
Rep -of Croatia MinofEnv_non compliance with GP, pdf  
Adjustment_NH3_Croatia, pdf |
<table>
<thead>
<tr>
<th>Check no</th>
<th>Legal basis</th>
<th>Requirements</th>
<th>Documentation provided</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>C3</td>
<td>Decision 2012/12, annex, para. 2(a)</td>
<td>Evidence that the Party exceeds its emission reduction commitments listed in annex II of the Gothenburg Protocol, in accordance with paragraph 1 of decision 2012/3</td>
<td>x</td>
<td>Adjustment_NH3_Croatia, pdf</td>
</tr>
<tr>
<td>C4</td>
<td>Decision 2012/12, annex, para. 2(b)</td>
<td>Evidence of to what extent the adjustment to the emission inventory reduces the exceedance and possibly brings the Party in compliance</td>
<td>x</td>
<td>Adjustment_NH3_Croatia, pdf to be checked by reviewer if sufficient</td>
</tr>
<tr>
<td>C5</td>
<td>Decision 2012/12, annex, para. 2(c)</td>
<td>An estimation of whether and when the reduction commitment is expected to be met based on emission projections without the adjustment, thereby using best available science</td>
<td>x</td>
<td>Adjustment_NH3_Croatia, pdf to be checked by reviewer if sufficient</td>
</tr>
<tr>
<td>C6</td>
<td>Decision 2012/12, annex, para. 2e</td>
<td>For a proposal to adjust an emission reduction commitment, an explanation of how the emission inventory changes are converted into the proposed adjustment</td>
<td>x</td>
<td>Adjustment_NH3_Croatia, pdf to be checked by reviewer if sufficient</td>
</tr>
</tbody>
</table>
Decision tree

Party proposes adjustment to the Exec Secretariat

EMEP SB (CEIP): Does the adjustment application meet the formal criteria?
*Step 1 + Step 2*

Adjustment granted

EMEP SB informs Parties on granted adjustments

EMEP SB informs Parties and IC on the review results

Adjustment not granted
STAGE 3

8 countries | all sectors

LRs: Anne Misra (UK) and Kristina Saarinen (FI)

Time schedule

- Data for reviewers – after TF meeting; CEIP website + wiki
- Initial questions to be sent mid June latest
- Reports to be completed latest August /Sept

REVIEW OF ADJUSTMENTS

6 countries / 4 sectors

LR: Chris Dore (UK)

Time schedule

- Data posted on the CEIP website in April
- Desk review May (June)
- Consultations: online + meeting CPH
- Finalisation of review and review reports by the end of June (mid July?)
Roster of experts

- 21 Parties to the Convention (out of 51) have nominated experts
- the roster currently contains a total of 71 inventory experts (31 more comparing to 2008)
- 54 experts participated at least once in S3 review

http://www.ceip.at/review-of-inventories цentralised-review-stage-3/
Reporting Instructions

NEWS: 2014 Reporting guidelines

At its thirty-second session (Geneva, 9–13 December 2013), the Executive Body for the LRTAP Convention adopted revised guidelines for reporting emissions and projections data under the Convention (ECE/EB.AIR/122/Add.1, decisions 2013/3 and 2013/4).

Revised 2014 Reporting guidelines (ECE/EB.AIR.125 [PDF, 194KB]) are adopted for application in 2015 and subsequent years. The document is a revised version of the 2009 Guidelines for Reporting Emission data under the Convention (ECE/EB.AIR/97), which were approved by the Executive Body in 2008 (ECE/EB.AIR/96, para. 83 (b)).

Here you can download the Annexes for the revised 2014 reporting guidelines [ZIP, 448KB].

Reporting Instructions

According to the workplan for the implementation of the LRTAP Convention, Parties to the Convention are invited to report on their annual emission and activity data, together with projected national total emissions of main pollutants, activity data and updates regarding data for earlier years by 15 February. Informative Inventory Reports (IIRs) are due by 15 March.