



ETS Article 21 reporting

Edoardo Turano, Robert Gemmill - DG CLIMA

**5th EU ETS Compliance Conference, Bruxelles, 6-7
November 2014**

Legal Basis

ETS Directive - Article 21

- **Each year MS shall submit to the Commission a report on the application of the ETS Directive**
- **The report shall be drawn up on the basis of a questionnaire drafted by the Commission**
- **The Commission shall publish a report on the application of this Directive**

Commission Implementing Decision 2014/166/EU amending Decision 2005/381/EC

- **Questionnaire for ETS phase III**
- **Deadline for reporting: 30 June each year**

ETS Phase III questionnaire

Objectives of the questions

- **Provide compliance and management information (to COM, MS, ETSCAs)**
- **Facilitate exchange information among MS**
- **Provide valuable information and data for policy making purposes**

Development of the questionnaire

- **Iterative process in close consultation with MS**
 - 4 rounds of iterations (extensive consultation: 5 TWG and 5 WG3 meetings)
 - very good MS participation (19 MS+NO): AT, BE, BG, CZ, DE, DK, ES, FI, FR, HU, IE, IT, NL, NO, PL, PT, RO, SE, SK, UK
- **Explanatory note to facilitate reporting and justification document**
 - http://ec.europa.eu/clima/policies/ets/monitoring/docs/explanatory_note_art_21_en.pdf
- **Unanimous vote in CCC in January 2014**

Cooperation between the COM and EEA

EEA support the Commission on Article 21 report

- **Development of the web-based tool for the submission of the MS reports**
- **Support to the "reporters" (EIONET helpdesk)**
- **Extraction of data from the submissions database**
- **EEA technical report**

Submission tool

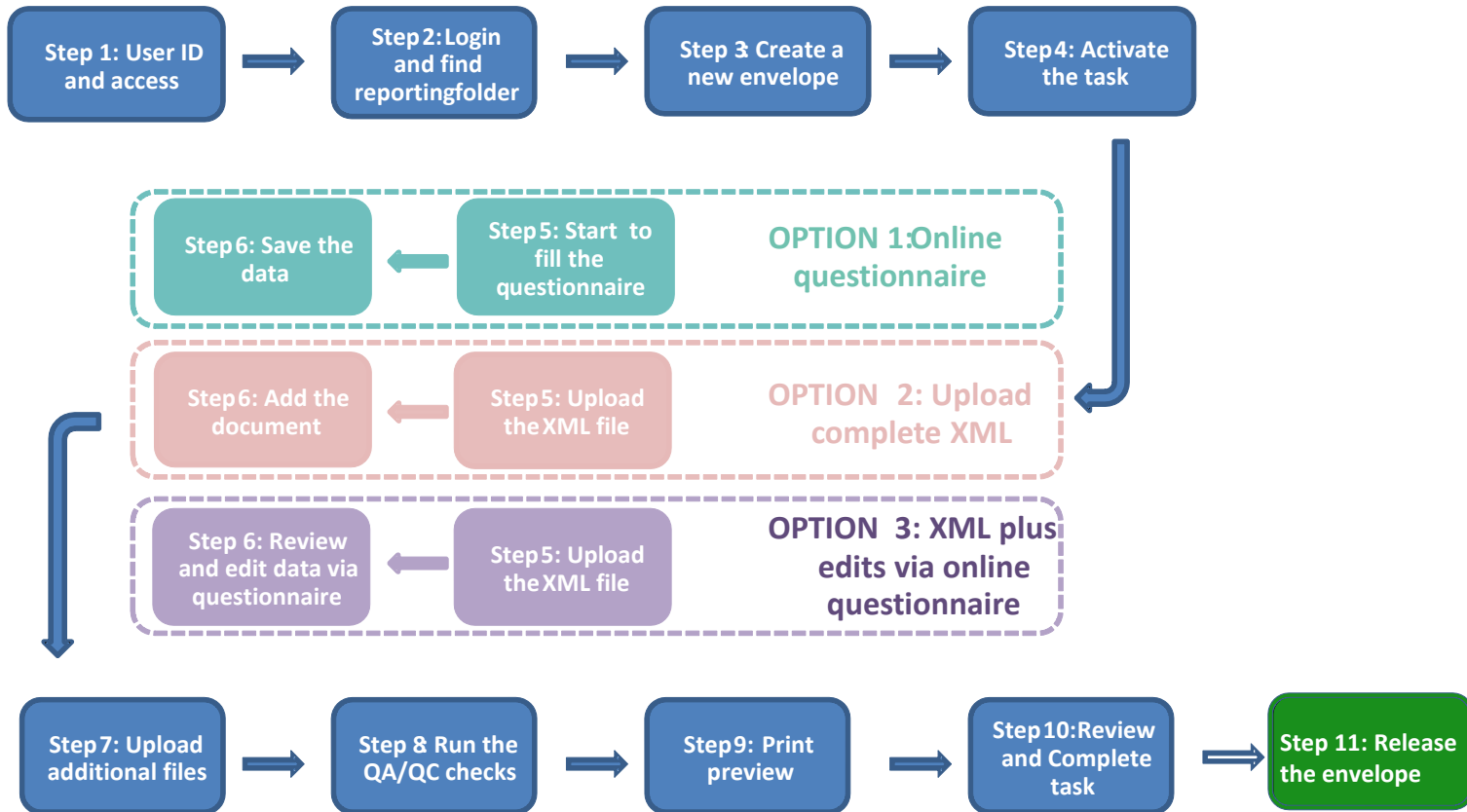
EEA-developed web-tool, based on EIONET Reportnet, as the platform for submission

Improved management of the submission process

- **Enhanced effectiveness and efficiency in data management and analysis**
- **Automatic check of completeness of reports**
- **Better ability to track the status of the submissions**
- **Support quality improvement through QA/QC procedures**
- **Facilitate transparency and availability of the reported information**

<http://cdr.eionet.europa.eu/>

EIONET Reporting Process



Reporting manual:

http://cdr.eionet.europa.eu/help/EUETS_Art21_ReportingManual_V2.pdf

Reporting Process

Input

- **Web-forms**

Questionnaire on the implementation of Directive 2003/87/EC

Q 1 Q 2 Q 3 Q 4 Q 5 Q 6 Q 7 Q 8 Q 9 Q 10 Q 11 Q 12 Q 13 Q 14 Explanatory notes

2. Responsible authorities in the emissions trading scheme (EU ETS) and coordination between authorities

Questions in this section 2 are to be answered in the report due by 30 June 2014 and in subsequent reports if changes have occurred during the reporting period.

2.1 In the table below, please state the name, abbreviation and contact details of the competent authorities involved in the implementation of EU ETS for installations and aviation in your Member State. Add further rows if necessary.

Name	Abbreviation	Telephone number	Email address	Website
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In the table below, please state name, abbreviation and contact details of the national accreditation body appointed pursuant to Article 4(1) of Regulation (EC) No 765/2008.

Name	Abbreviation	Telephone number	Email address	Website
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- **Xml file (automatic submission from an existing data source)**



article21-instance-empty.xml



Article21Questionnaire_xsd.xml

Reporting Process

Output

- **On-line report**

1. Details of institution submitting the report

Name and department of organisation:	Ministry of Environment and and Climate Change - Directorate General for Climate Change
Name of contact person:	Nicoleta Mihaela ROSU
Job title of contact person:	Head of Emissions Trading Unit
Address:	12 Blv. Libertatii, district no. 5 Bucharest, Romania RO 040129
International telephone number:	+4 021 408 95 42
E-mail:	nicoleta.rosu@mmediu.ro

2. Responsible authorities in the emissions trading scheme (eu ets) and coordination between authorities

Questions in this section are to be answered in the report due by 30 June 2014 and in subsequent reports if changes have occurred during the reporting period.

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Name	Abbreviation	Contact details (1)		
		Telephone number	Email address	Website
Ministry of Environment and and Climate Change	MECC	+4021 408 95 42	nicoleta.rosu@mmediu.ro	www.mmediu.ro
National Environmental Guard	NEG	+4021 326 98 70	gardamediu@gnm.ro	www.gnm.ro
Romanian Aeronautical Civil Authority	RACA	+4021 208 15 08	dir.gen@caa.ro	www.aacr.ro
Ministry of Transport	MT	+4021 319 61 24		www.mt.ro
Romanian Accreditation Association	RENAR	+4021 402 04 71	renar@renar.ro	www.renar.ro
Ministry of Public Finance	MPF	+40734 88 19 58		www.mfinante.ro

(1) Please provide the telephone number, e-mail address and website address.

- **Off-line file (downloadable, printable, editable) in .html or .xml**



EU-ETS Article 21 questionnaire RO.html



Article_21_questionnaire_1_RO.xml

Future activities

Based on feedback received from MS

- **Update of Explanatory Note to further clarify specific questions**
- **Improving settings of the EEA web-tool**
- **Possible enhancement of the EEA web-tool (subject to budget availability)**

Further feedback expected through

- **Compliance Forum Task Forces**
- **Existing TWGs (MRVA, Art21)**

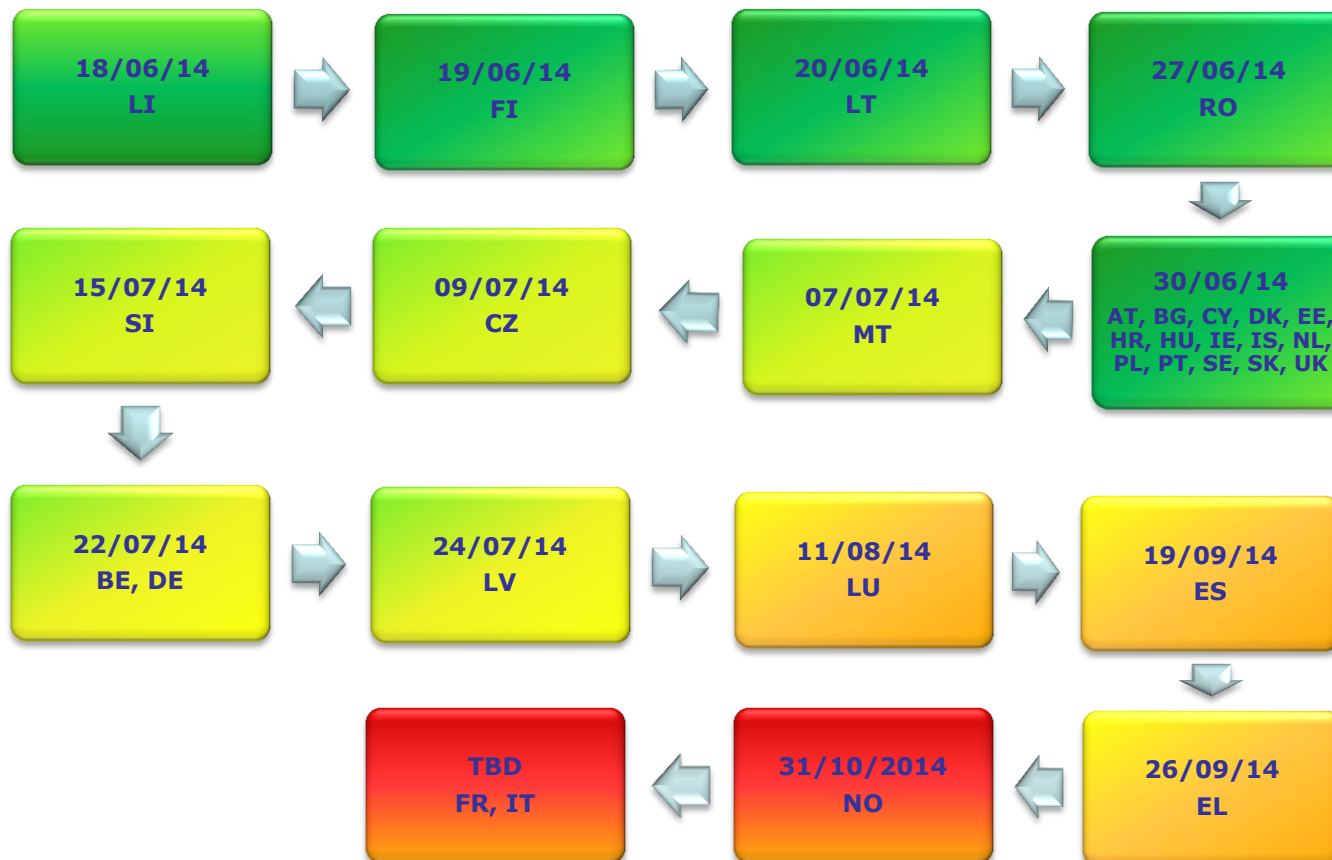
Role of the Compliance Forum Task Forces

- **Exchange of experience among CAs, capacity building**
- **Aiming at defining best practices and promoting ways to reduce the burden**



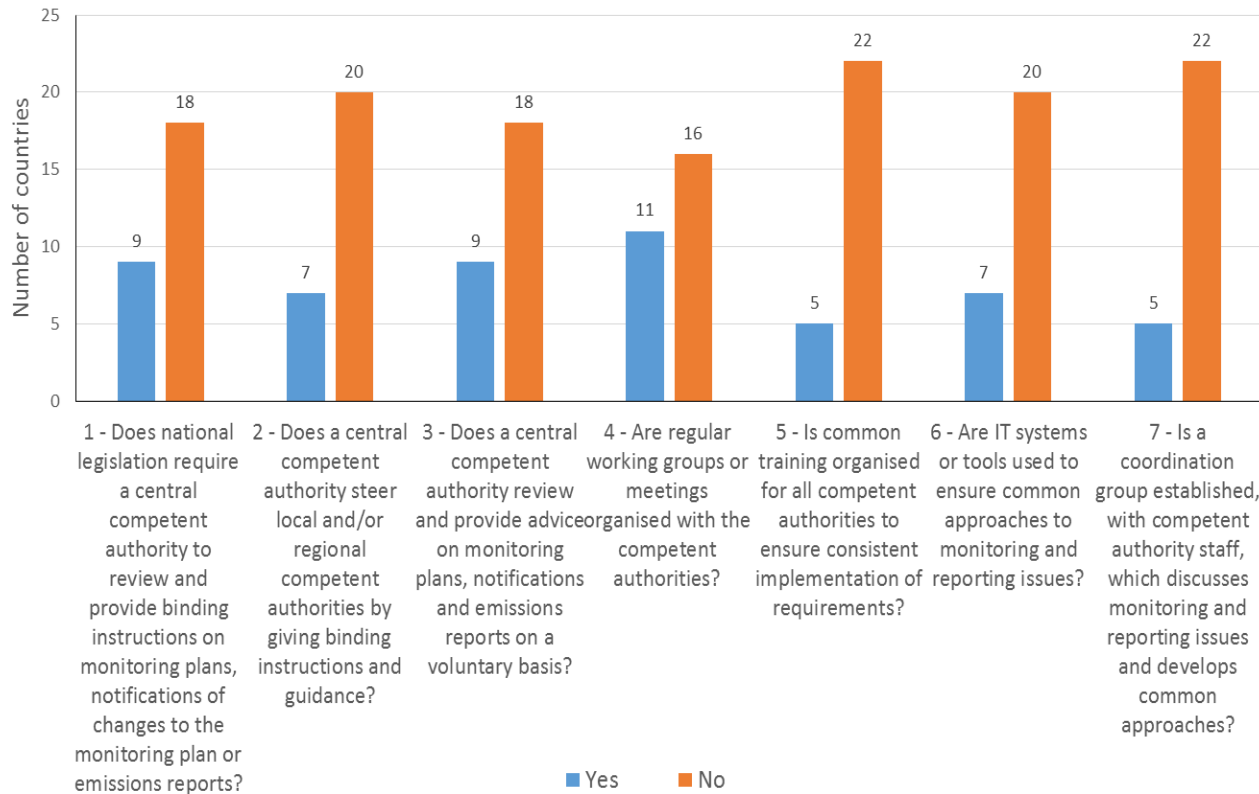
European
Commission

Status of 2014 submissions



Some preliminary facts / findings

What measures have been taken to coordinate the work of CAs ?



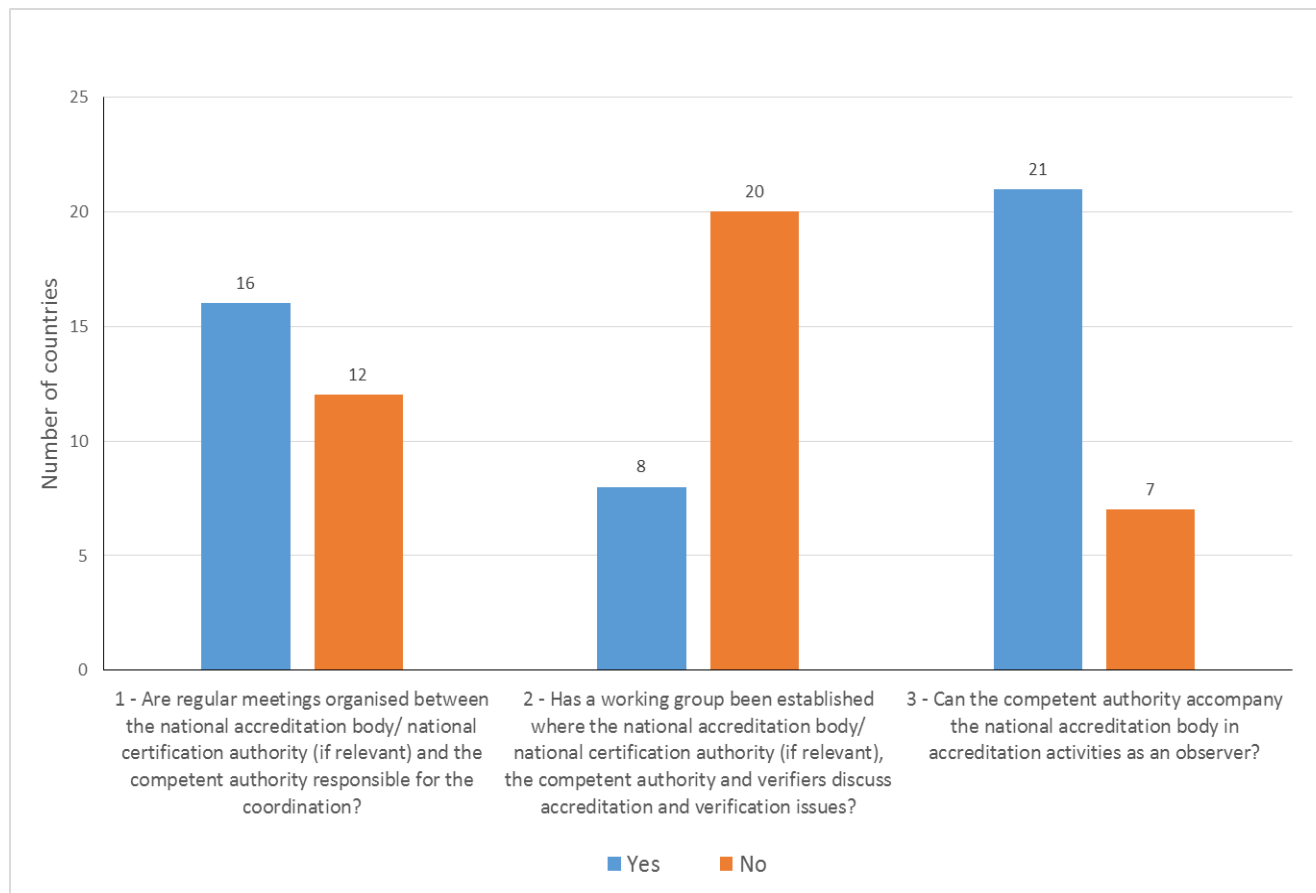
23 MS with more than one CAs (including 13 MS with regional authorities)

At least one coordination measure is taken in all MS but one

Only in few MS more than one coordination measure is taken

Room for improvement ?

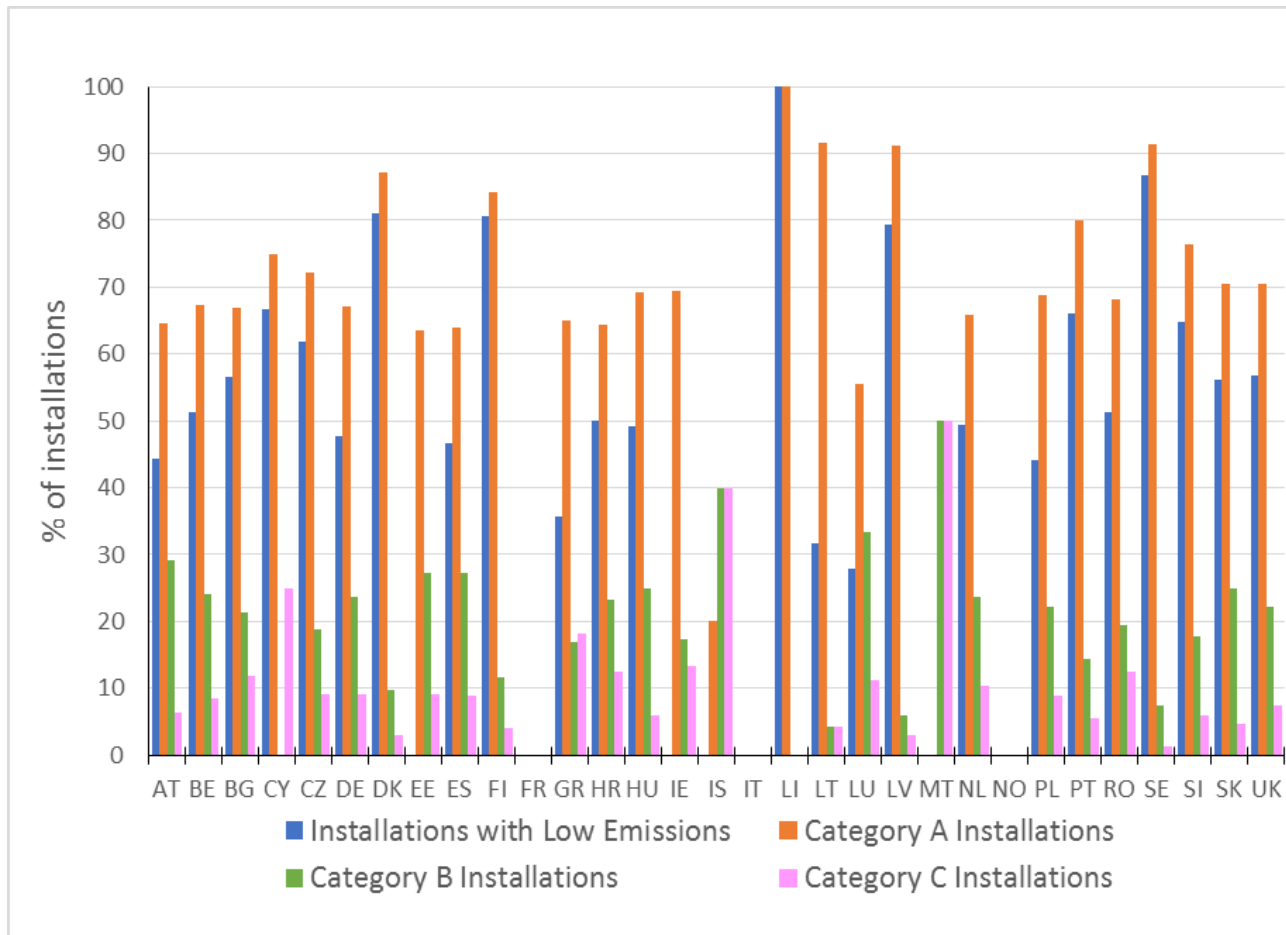
What effective exchange of information and cooperation has been established between NAB and CA ?



At least one coordination measure is taken in all MS but 1

In the majority of MS more than one coordination measure is taken

Installation Categories



Average (28 reporting countries)

- 69 % Cat A
- 20 % Cat B
- 11 % Cat C

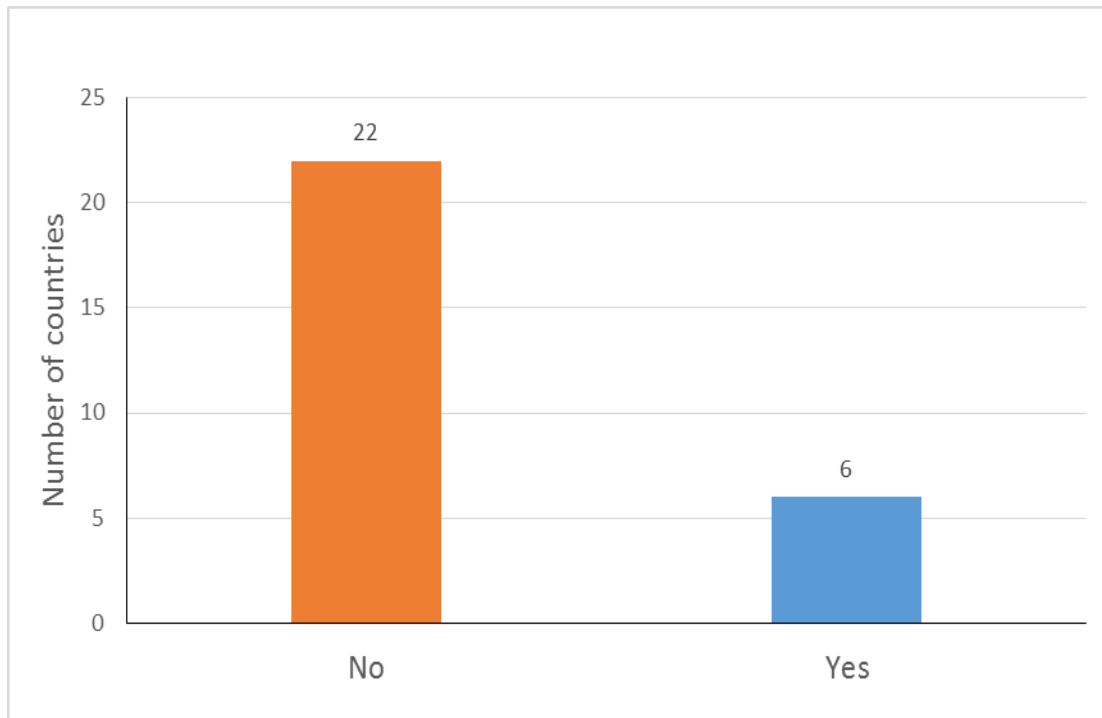
- 49 % Low Em

Confirmed relevance of the tier based approach in MRR

Confirmed importance of the simplification for installations with low emissions

Has your MS allowed use of any simplified monitoring plans in accordance with Article 13(2) of MRR ?

Have innovative ways been used to simplify compliance for installations with low emissions referred to in Article 47(2) of MRR ?

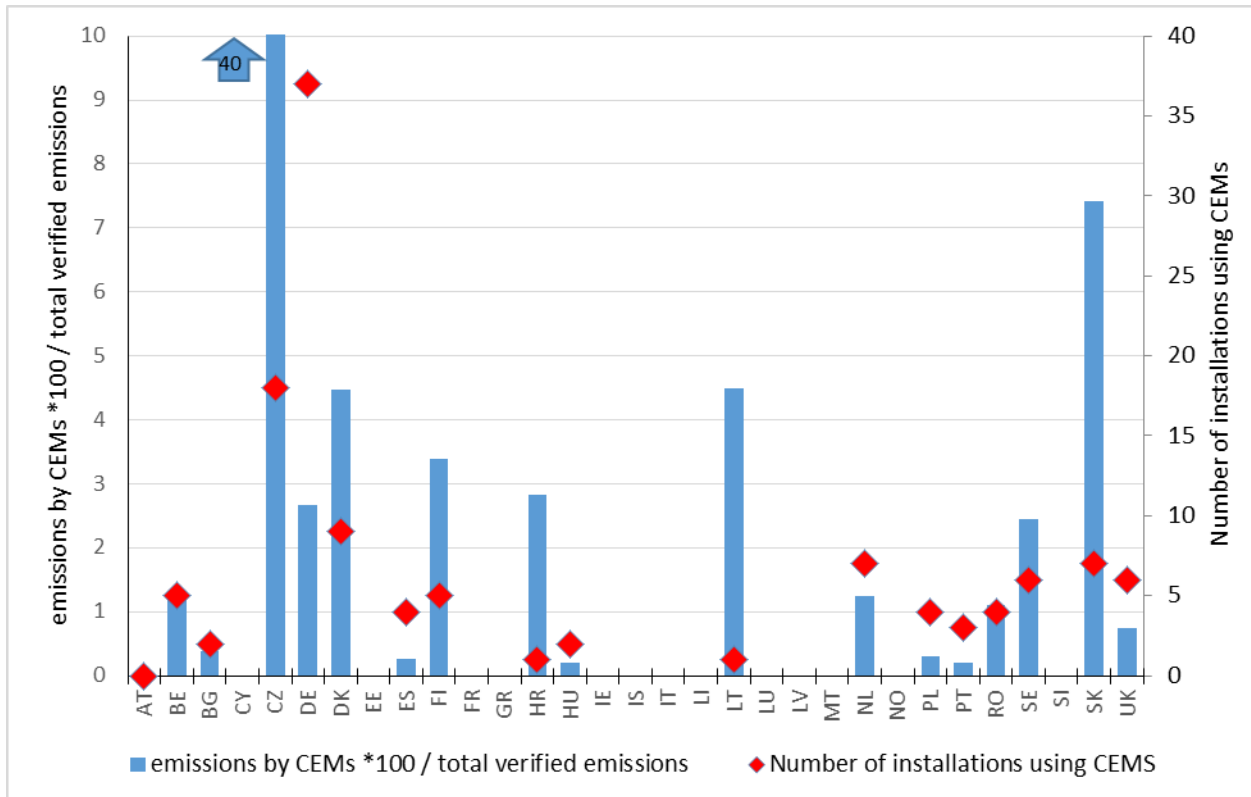


Simplified MP and/or specific guidance used in 6 States

One MS organises workshops, and uses the IT tool to facilitate installation with low emissions

Opportunity for sharing best practices

Monitoring methodologies: use of Continuous Emissions Monitoring Systems CEMs



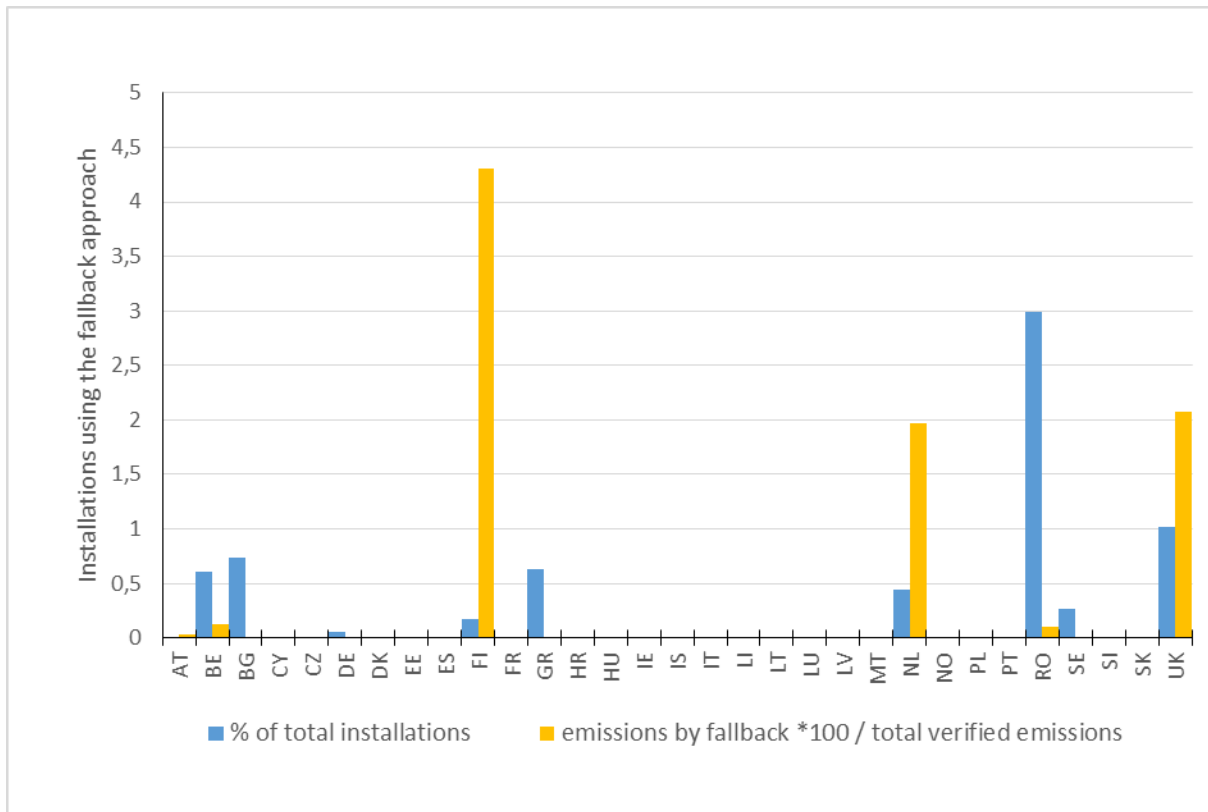
Average (18 MS using CEMs)

$$\frac{\text{emissions by CEMs}}{\text{total verified emissions}} \cdot 100 = 4.3$$

Excluding CZ

$$\frac{\text{emissions by CEMs}}{\text{total verified emissions}} \cdot 100 = 2.1$$

Monitoring methodologies: use of fallback approach

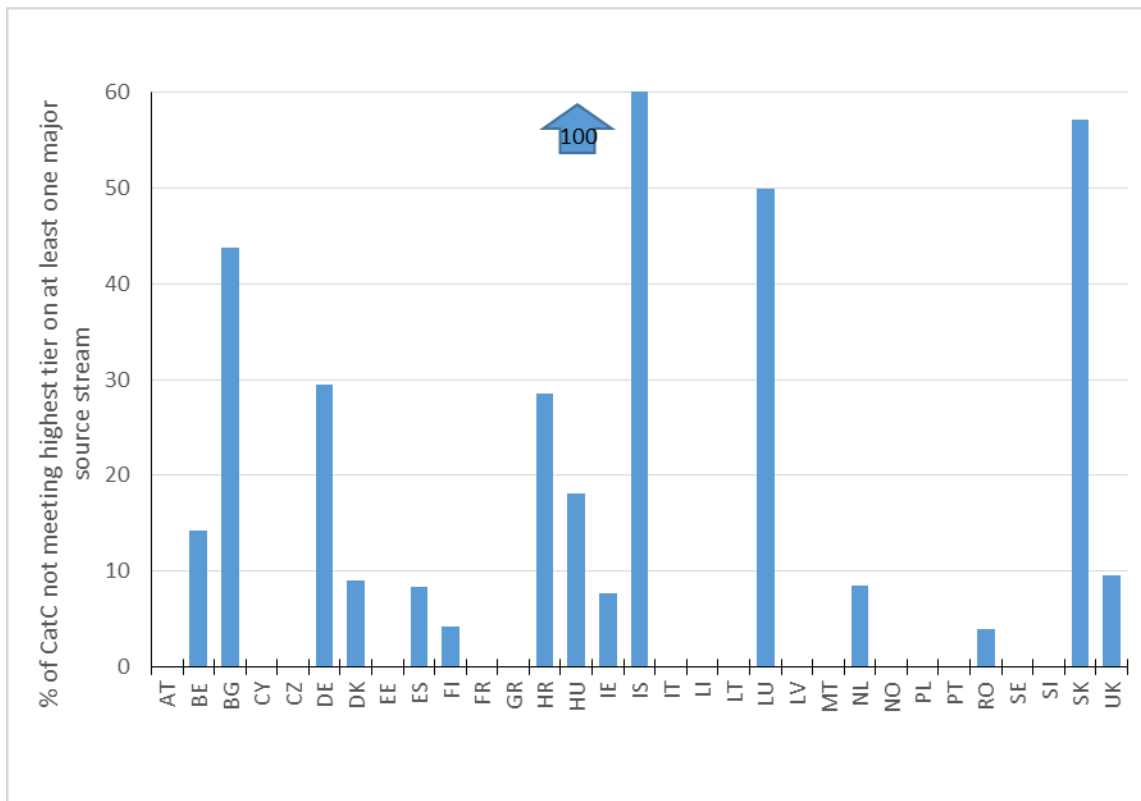


Average (10 MS using fallback)

$$\frac{\text{emissions by fallback}}{\text{total verified emissions}} \cdot 100 = 0.96$$

MRR provides for non-tier based approach to be used in special circumstances (technical unfeasibility, unreasonable costs), the reports confirm it is not widely used

Derogation from use of highest tier for Category C



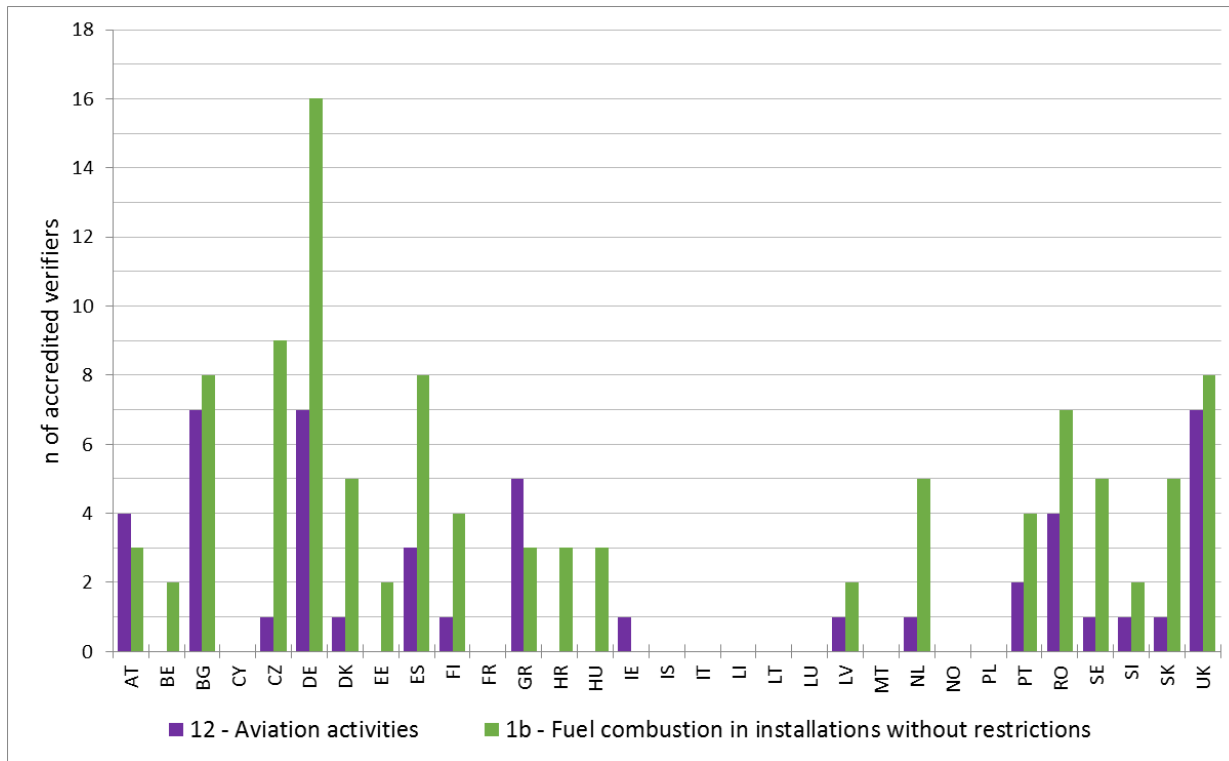
Average (15 MS reporting derogations)

$$\frac{\text{Cat C not meeting tier}}{\text{total Cat C}} \cdot 100 = 26.2$$

Importance of the Improvement Report as per Art 69 MRR

Trends over the years to be followed up (improvement principles)

Accredited verifiers per MS (for combustion and aviation)



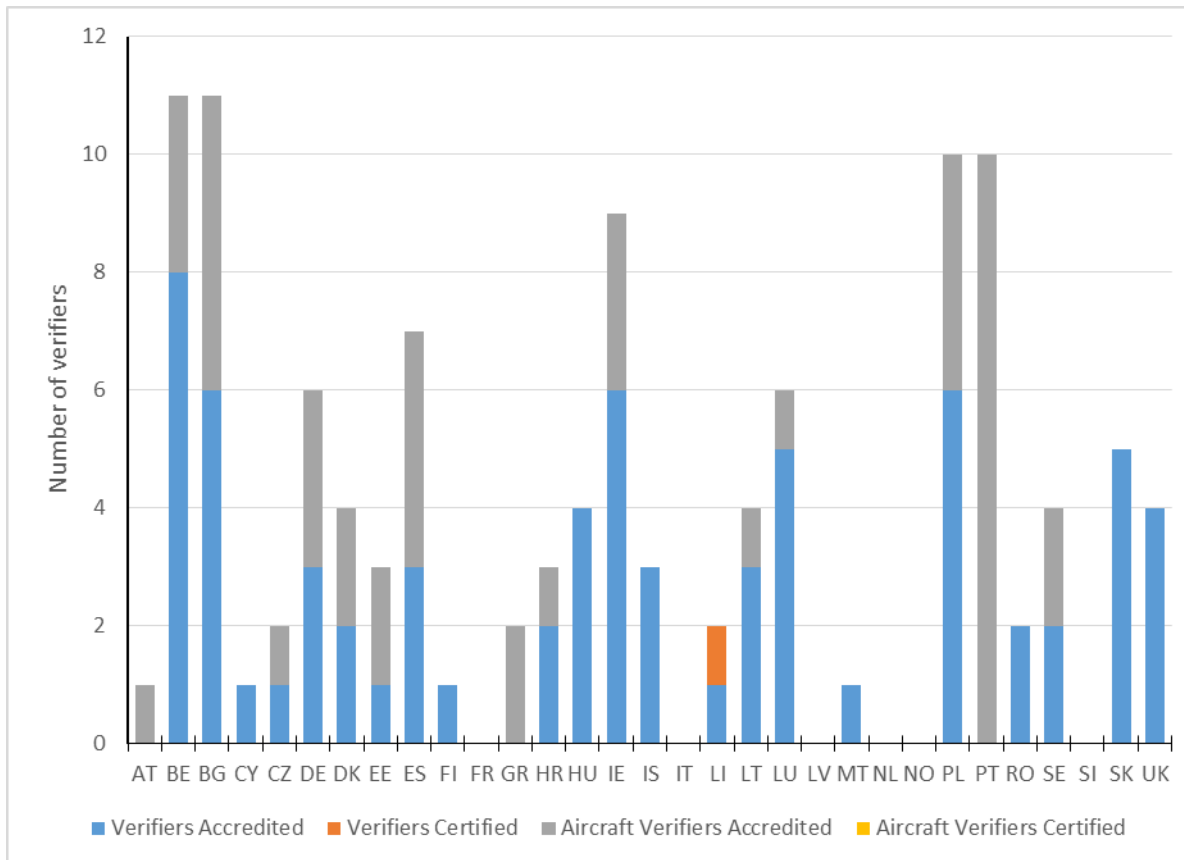
In 6 States, a NAB has not applied for EA peer evaluation

According to ETS CAs (AV TF, Compliance review project) enough verifier capacity was in place, so that verifiers availability was not a bottleneck

In about half of the reporting States there are accredited verifiers for most of the scopes

In about half of the reporting States there are accredited verifiers only in some scopes

Accredited/Certified verifiers by a NAB in another country carrying out verification in country indicated

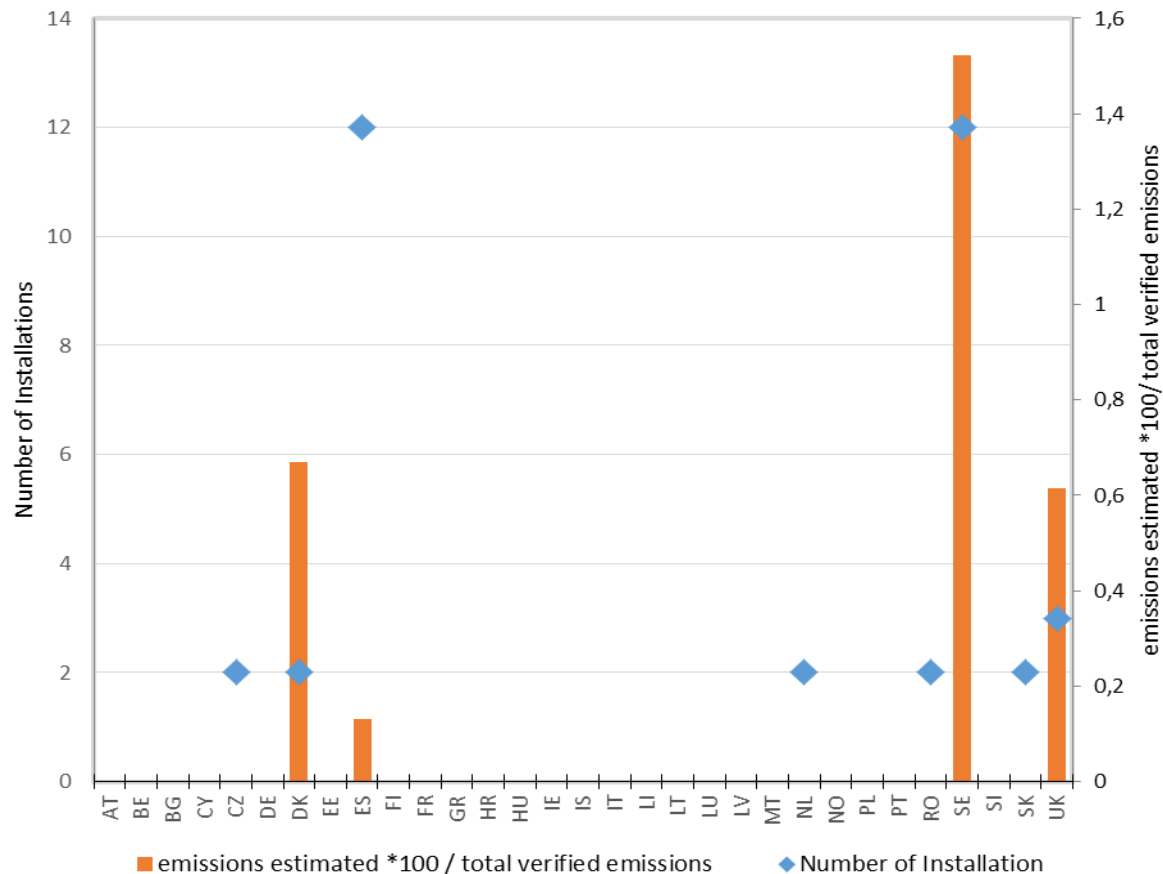


In 26 States foreign verifiers are performing verification activities

Crucial role played by the EA and the peer evaluation of NABs

Only in 3 MS has a NAB been requested by a NAB in another country to carry out surveillance on its behalf as per Art. 49 AVR

Conservative estimation of emissions by the CAs



In 8 MS CAs needed to conservatively estimate emissions as per Art 70, but for a very limited number of installations

Some additional Article 21 A&V findings (provisional data)

- *2 MS reporting administrative measures (4)*
- *5 MS reporting complaints (33)*
- *8 MS reporting conservative estimates (37 installations)*
- *4 MS reporting rejection of verified AERs due to non-compliance with MRR (11)*
- *11 States reporting site inspections (412)*

Next steps

EU-wide report on the application of the ETS Directive

- **Commission report**
- **EEA technical report**

Possible bilateral follow-up with MS

Thank you for your attention

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ETS MRVA on DG CLIMA website:

http://ec.europa.eu/clima/policies/ets/monitoring/index_en.htm

BCK