

Electronic Reporting Format – Why and how?

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Going forward together

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Why have an electronic reporting format for the (current) EU ETS?

In a nutshell:

- Higher efficiency of the compliance cycle

In detail:

- Operator: faster reporting & lower risk of errors
- Verifier: faster, easier sampling etc.
- Competent Authority: more efficient compliance check
- EU wide harmonisation
- Reporting to Commission (Art. 21) made easy

How to define a data “language”?

- Data definition:
 - What?
 - Relationship (e.g. Installation – source – source stream – emissions)
- Language:
 - Structured expression of the data definition
- XML can serve that purpose

What is XML?

- XML (eXtensible Markup Language)
 - Standardized and transparent
 - Pure text format:
 - Can be read without specialised software
 - Can be translated, adapted to special needs
 - Can be long-time stored
 - Is platform independent
- It is a communication tool between different applications, not the application itself.

What has been done

- Project initiated by the Commission:
 - Define a data model
 - Define an XML based “reporting language”
- Build as much as possible on MS experience
- Intention was to leave implementation of software to the market:
 - Software for operators and aircraft operators
 - Software for competent authorities (link to national eGovernment strategies)
- Draft at:
http://ec.europa.eu/environment/climat/emission/mrg_templates_en.htm

Why have an electronic reporting format for the (future) EU ETS?

In addition to the before-mentioned reasons

Aviation:

- t-km data to be transmitted to Commission for calculating the benchmark
- Annual emissions (MS level) to be transmitted for determining the attributed aviation emissions
 - Calculate auctioning rights
 - Ensure Kyoto compliance
- Either use Art.21 (aggregation by MS) or forward entire reports from operators (aggregation by Commission)

Why have an electronic reporting format for the (future) EU ETS?

Installations from 2013 onwards:

- Not everything 100% clear yet, but expected:
- Big amount of installation data needed for the National implementing measures ("NIMs"):
 - Product type, CL sector (NACE), applied benchmarks
 - Production data
 - Capacity
- Tracking of the total cap, auctioning rights, NE Reserve
 - E.g. Opt-out and subsequent re-introduction
- **More data, more tasks**

Thanks for your attention

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