



Identified issues, activities needed, questions for panelists - Session II: Data Quality, Transparency and the Role of IT in the Compliance Chain

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EU ETS Compliance: the Way Forward

Findings of the Rapporteur of Workshop Session II

Presenters identified following issues on

Data quality, workflow and the role of IT:

- (FI): web-based IT system with access by the public; development of semi-automatic, questions driven templates for applying for CO2 permits, Monitoring Plans, AER, verification statements; export of data both for ETS (e.g. inspection) and non-ETS use (GHG inventory); workflow for verification - as an example; recommendations for developers; important role of a helpdesk
- (DE): workflow system, web-based forms to be filled-in, electronic signatures; Form Management System - FMS, imposed definition (not structure) of XML - interface; XETL -language; perspectives: common dataset in XML (XETL) in EU and beyond? Update to MRG2007

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Data quality, workflow and the role of IT:

- (EN&WA): ET-SWAP project (NL, IR, EA&WA) - current status, architecture; Access database/excel templates now; development of XETL - language critical (specifications) a necessary next step as well as links to other applications (e.g. IPPC), new functionalities like inclusion of aviation (MP) - one template for all MS?; cooperation - share results with other MS, linking to non-EU int'l systems (US)
- EEA: ETS among other reporting requirements (e.g. PRTR, MM, LCP, NEC, IPPC, etc.); streamlining of currently „messy - quasi solar system” emission reporting badly needed - both intra and inter; complex situation of operators; numerous problems (definitions, QA/QC, timing, templates, costs!); steps forward: ET-SWAP, electronic art. 21 reporting; objectives, principles, outlook and timetable for SEIS - Shared Environmental Information System

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Activities identified needed for realising the data quality required and the role workflow automation can play:

- development of paper-free workflow automation including electronic signature; export of data to be used for other purposes; storing electronic documents in a national archiving system (FI)
- introduce obligatory use of common data sets (in an update to MRG2007?) (EN&WA)
- development of a proposal for a Service Orientated Architecture (SOA) and open source software (EN&WA)
- strong „link” to SEIS (EEA)

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Questions for the Panel:

Is there a need for:

- harmonized approaches ensuring higher data quality and increased level of transparency and if yes why?
- development of eXtensible Emissions Trading Language (XETL) to allow workflow automation in the entire compliance chain, including aviation and connection to the Registry processes, and what would be the best approach?
- development of the Business Case for Workflow Automation for permitting and validation of the monitoring plans (MP) for industrial installations be a first step? or should priority be given to development of workflow automation for MP of the aviation sector?

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Questions for the Panel:

- Should the development of XETL and the Business Case for harmonised workflow automation be undertaken by a Task Force under the Compliance Forum/WGIII?
- How could SEIS be useful for the work undertaken by the Task Force and how should we ensure that the discussions on the use of IT in EU-ETS are aligned with activities in other related frameworks (streamlining of emission reporting)?
- What would be needed to establish between the Member States the cooperation needed to bring this to a success? (another/continuation of ET-SWAP)