

The benefits of using automated systems and data exchange formats to harmonise communication

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Benefits that automated IT can bring

- ➔ IT does repetitive tasks very well, it can even be smart about it
- ➔ IT will be as attentive and diligent doing the task for the 1,000th time as it was doing it for the 1st time
- ➔ Annual Emissions Reporting is a repetitive task, updated each year, but repetitive, let IT take the strain
- ➔ Faster communication (reporting mechanisms), electronic storage and the protection of records (no piles of paper)
- ➔ IT is widely used, by operators and competent authorities, so it logical to automate future ETS reporting

Actual benefits of using IT – UK's experience with ETSWAP

- ➔ 5 competent authorities (CA's) meeting ETS Legislation in a **consistent manner**
- ➔ Ensured **efficient and timely** monitoring plan approvals of 1200 operators in time for the start of the Phase 3
- ➔ **Automated reminders** ensure the relevant parties are aware of what outstanding actions they have
- ➔ **Accessible** via an internet connection by all users
- ➔ Workflow ensures **tasks are completed** within the compliance cycle
- ➔ From feedback received IT has minimised the regulatory **admin burden** on both the operators regulators who use it
- ➔ **Avoided the need** to significantly expand the regulatory team to administer manual processes of permitting, monitoring, and compliance.

Why is XETL relevant? What can it do?

- ➔ **XETL – EU ETS reporting language** (data exchange format)
- ➔ Imagine a large pot with data in it, using this format – **automated systems, computers can** pull this data out and populate where and when you need it e.g. Annual Emissions Report
- ➔ **Operators using this format** will be able to handle their data more easily
- ➔ **Communicate with different systems**
- ➔ Allows **automated population** of systems, forms or templates
- ➔ **Applies validation** rules, so drives improved quality

What are the drivers for industry; regulators for using XETL; what's new?

➔ **Art. 14 “Monitoring and reporting of emissions”** *ETS DIRECTIVE 2003/87/EC*

➔ **Art. 74 “Electronic data exchange formats”** .

➔ *MRR REGULATION 2012/601/EC*

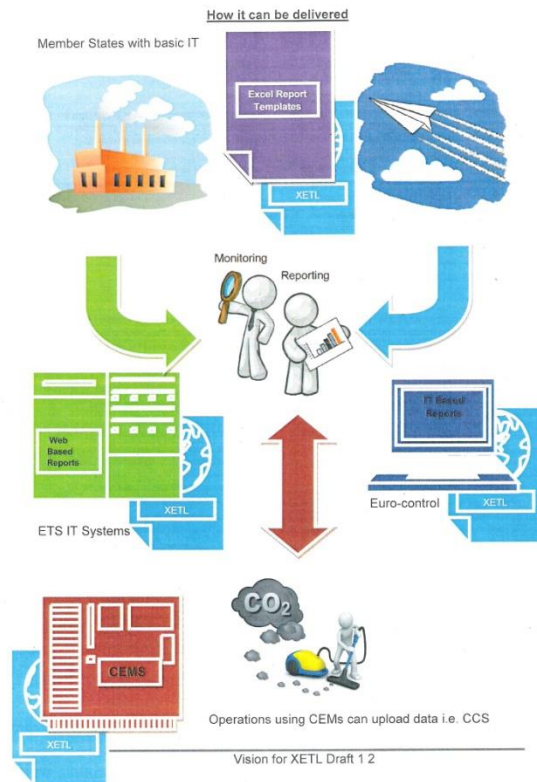
➔ 2015 Developments

➔ XETL schemas developed for phase III revisited; restyled

➔ Data requirements now put into data workflows

➔ Future incorporation into DECLARE

Benefits of XETL



- ➔ Common link to different CO2 monitoring and reporting mechanisms (which vary by Member State)
- ➔ 1 tonne of CO2 emitted = 1 tonne of CO2 reported, if all use the same format
- ➔ XETL facilitates XML method with agreed validation rules, so it reduces the need to worry about where the item is reported, **but only that it is**; in the correct format

Summary

- ➔ Automated systems bring benefits to all users, who must do repetitive tasks
- ➔ IT improves quality of returns, removes human error
- ➔ **Enables resources to be freed for other duties such as compliance checking**
- ➔ Data format will improve quality and ease report delivery
- ➔ Can deliver a common CO₂ reporting format across Europe/Globally



**Thank you
for listening**