

How should IT-systems and XETL be upgraded? – A view of the CA

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What Finland has done?

- **IT-system (FINETS) has been employed since 2005**
 - For permitting, reporting, verification, enforcement
- **Link to the DEFRA & CR-register utilising XML**
 - Nomination of verifier
 - Verified emissions figure
- **Updated for the period 2008 - 2012**
- **Performed usability inspection of the interface**
- **User survey for operators**
 - 70 replies
 - Most operators are using the system only 2 – 3 times/year



Currently busy with?

- **Requirements of MMR have been defined and implemented**
 - Definition phase started in 10/2011
 - Bidding phase 1/2012 – 4/2012
 - Testing phase (this week)
- **FINETS will be opened for 2013 – 2020 permitting 19.10.2012**
- **XETL was included**
 - As much as possible and reasonable
 - XETL has been defined only for the period 2008 – 2012



Future plans?

- **Requirements of AVR will be defined and implemented**
 - During 2013
 - Including acceptance (permitting) of verifiers, AERs, verification
 - System ready in the end of 2013
- **Urgent need for updated XETL (reporting, verification)**
- **Data security issues**
 - Penetration testing
- **Link to the union register in 2014**
 - FINETS must fulfil the requirements of data security



How IT-systems should be developed?

- **Common minimum IT approach to reporting and compliance would be welcomed**
 - similar to the CR-registry
- **Modular and open source principle**
 - **First permitting part** then others parts
 - Monitoring plan -> AER -> Verification -> Enforcement
 - Development cost divided by Member States
- **Keep it simple!**

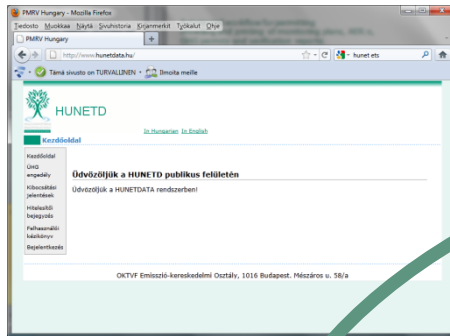


Principle of XETL; same databases, but different interfaces

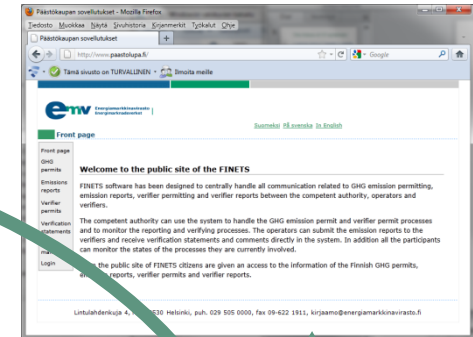
Operator's IT-system

Competent Authority's IT-system

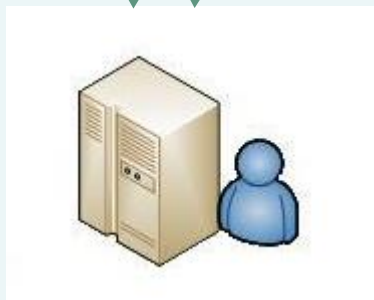
Interface



Data transfer between the systems



Database



XETL defines the structure of the database



To consider when developing XETL

- **XETL update is urgently needed**
 - MRR and AVR requirements
- **First integrations to the other IT-systems**
 - Union register
 - National inventory authorities / ESD reporting
- **Other integrations should be considered carefully**
 - Help to increase data quality and to offer better service to the end users, **but** most operators are using the system **only 2 – 3 times per year**
- **Data security issues must be remembered!**
 - Lessons learnt from the registers
 - Emissions figure => EUAs => money

