



DECLARE Pilot project

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Use of IT in EU ETS- Current landscape

- ***Different levels of IT implementation***
 - According to the information in Art 21 reports for 2013
- ***Compliance Forum Task Force E-reporting survey (24 MS) in July 2012 showed***
 - Most MS interested in the use of IT for ETS (or already using)
 - Most MS interested in a common approach
- ***Main Barriers to further developments***
 - Lack of funding, shortage of IT expertise, long-term planning

DECLARE pilot project

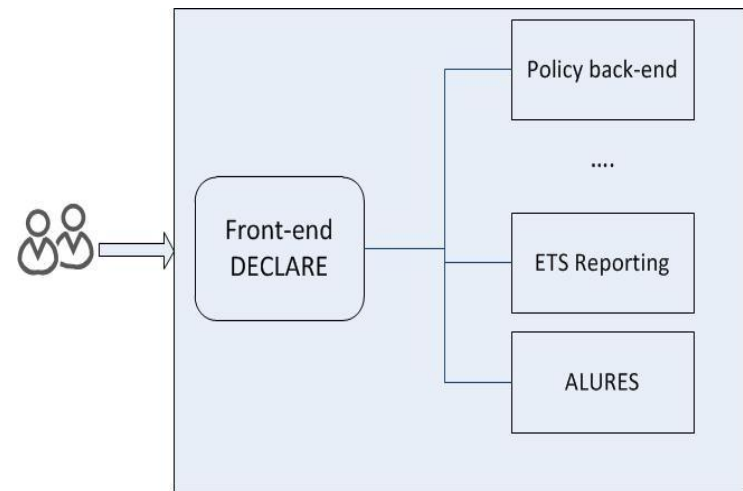
- ***Aim at further uptake of IT in ETS as a way to improve harmonisation, efficiency, quality of reporting***
- ***Make use of available tools for harmonised reporting***
 - Excel templates and XETL

http://ec.europa.eu/clima/policies/ets/monitoring/documentation_en.htm
- ***Make use of an existing IT system in the Commission for data reporting, "DECLARE"***
- ***Pilot project with MS to develop an ETS extension to DECLARE***

What is DECLARE?

- **Generic system for data submission from MS to EC**
- **Supports submission of any kind of data**
- **Functions according to the post office paradigm**

- Interaction with a unique portal
- Distribution to specific systems

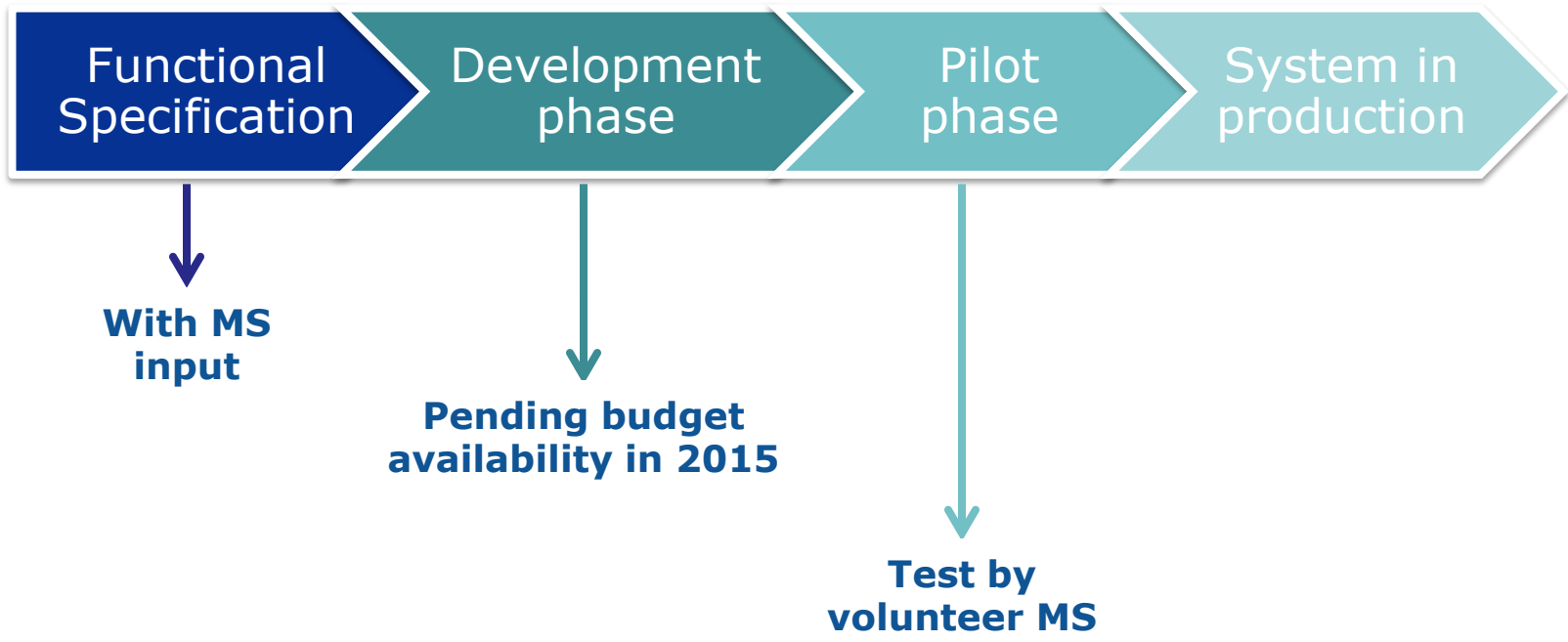


- **Operational since February 2014**

Objectives of the pilot project

- ***Adapt DECLARE for submission from Operators to CAs***
- ***Every MS works in its own virtual information system***
- ***Involved actors***
 - Operators
 - Submission of MP, verified AER & IR
 - Verifiers
 - Upload of VR
 - CAs
 - Check/approve/reject/view submitted reports
- ***Use of currently defined e-templates (Excel) and XETL***
- ***Other main features***
 - Automated quality control on the submission
 - Ability to generate reports and statistics for CAs

Schematic of the process



Consultation with MS

- ***Presentation of the proposal in WGIII – 4 June***
- ***Webinar with ad-hoc ETS MRV/e-rep TWG – 24 June***
- ***Non-paper shared with WGIII – 27 June***
- ***Demo to the ad-hoc ETS MRV/e-rep TWG – 4 July***
- ***Round table discussion in WGIII – 9 July***
- ***MS expression of interest (for functional specification, for pilot phase, or both) – July/August***

Functional specifications

- ***Definition of the requested behaviour of an engineering system***
- ***MS participating: BE, CZ, DE, EE, FI, FR, HZ, HU, IE, IS, IT, LT, MT, NL, PL, SK, UK***
- ***Questionnaire distributed to MS***
 - To gather needs and requirements in relation to the necessary customisation of DECLARE for the management of EU ETS MRV
 - Responses already received from: CZ, DE, FI, HR, IE, LT, LV, NL, PL



Microsoft Word
Document

Next Steps

- ***Development of functional specifications***
 - Use cases document
 - System behaviour (happy paths and error cases)
 - Reporting capabilities
 - Security white paper
- ***MS Consultation on the specifications***



Thank you for your attention

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BCK

Benefits of electronic reporting

- ***Efficiency of EU ETS compliance cycle***
 - Less administrative burden
 - Better and faster access to information
 - Better ability to track and trace workflows
 - Automation of key requirements
- ***Enhanced capacity for reliable data storage***
- ***Improved quality of data***
 - Consistency (setting of minimum requirements, ensuring consistent/appropriate returns)
 - Completeness / correctness (automatic checking)
 - Transparency (easier access to data)

Legal basis

- ***DIRECTIVE 2003/87/EC***

- Art 14 "Monitoring and reporting of emissions"

4. The regulation referred to in paragraph 1 may include requirements on the use of automated systems and data exchange formats to harmonise communication on the monitoring plan, the annual emission report and the verification activities between the operator, the verifier and competent authorities

COMMISSION REGULATION (EU) No 601/2012

- Article 74 "Electronic data exchange formats"

Member States may require the operator and aircraft operator to use electronic templates or specific file formats for submission of monitoring plans and changes to the monitoring plan, as well as for submission of annual emissions reports, tonne-kilometre data reports, verification reports and improvement reports.

- Article 75 "Use of automated systems"

Integrity, confidentiality, authenticity, non-repudiation of data
Access control, availability

Tools published by the Commission

- ***MRR Article 74***

Templates or file format specifications established by the Member States shall, at least, contain the information contained in electronic templates or file format specifications published by the Commission.

- ***Electronic Template for MP, AER, T-KM, VR, IR***

- Based on common office automation format (xls)
- User friendly look and feel

- ***XETL (eXtensible EU ETS reporting language)***

- Based on two xml schema (EUETSRequest, EUETSReport)
- Support automation of data exchange (submission of MP, AER , T-KM, VR, IR)

Current landscape

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Steps in the process

- Discussion with MS in WGIII (June/July 2014)
- Confirmation of MS interest to participate in the project (July 2014)
- Drafting of the functional specifications, in collaboration with interested MS (August to **December 2014** February/March 2015)
- Development (depending on budget confirmation)
- Pilot with volunteer MS (from **July** August 2015)
- System in production for interested MS (beginning 2016)

ETS Integration into an existing system: DECLARE

- Reuse of an operational and robust system
- Lower hosting, maintenance and support cost
- Less adaptable to specific requirements
- Need some adaptation of the existing system

MS involvement

Open to all MS

- Discussion on the proposed new option
- Participation in the definition of the functional specifications
- Once live, daily operation of the system

MS participating in pilot phase

- End user testing of system functionalities

Approximate MS investment (August 2014 / December 2015 time frame)

- For MS participating in the definition of functional specifications: 5-20 man-day
- For MS participating in pilot phase: 40-80 man-day
- No financial cost for development, maintenance, hosting