



CCS Directive: implementation & review

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**Alexandr Jevsejenko (European Commission – DG CLIMA)
alexandr.jevsejenko@ec.europa.eu**

1. Implementation of the CCS Directive

2. Review of the CCS Directive

CCS Directive – state of transposition

- By 2013 all MS notified transposing measures
- Complete transposition in the majority of MS (incl. most CCS pioneers). Now conformity check
- 7 MS – partial non-communication of transposing measures
 - AT, CY, HU, IE, SE & SI: reasoned opinion in November 13
 - PL: reasoned opinion in April 14

Implementation report: general provisions

- Report from Commission to EP & Council on implementation of CCS Directive adopted in February 2014 (COM(2014) 99)
- Most MS:
 - New specific legislation + amendments
 - Multiple competent authorities (env; econ, ener & mining)
 - CO₂ storage allowed (but ban in FI, LU, AT, EE, IE, LV)
- Commission activities: transposition checks, permit review, guidance documents, IEG

Implementation report: specific provisions (1)

- Exploration mandatory in some MS.
Exploration permits in CZ, ES, FR, IT, PL, UK
- Draft storage permit from NL reviewed by Commission
- Some MS stricter
 - DE: inspections every year even after closure; annually saving 3% of CO₂ value for financial contribution
 - Transfer of responsibility 30/40 years after closure
 - CZ: financial contribution to cover 50 years of post-transfer monitoring

Implementation report: specific provisions (2)

- Financial guarantees:
 - Financial security as adequate insurance cover, escrow bank account, bank guarantee, parent company guarantee.
 - HU: security min HUF 200 million (EUR 671 000)
- Art 33 amending LCP Directive:
 - UK: additional guidance – no permit unless criteria met
 - Practical implementation in DE, FR, HU, PL, RO, SI & UK
- Some MS banning CO₂ storage transposed only Articles on CO₂ capture & transport

1. Implementation of the CCS Directive

2. Review of the CCS Directive

Review of CCS Directive - intro

- Art 38 requests review report in March 2015
- Is Directive fit for purpose? – part of REFIT exercise to assess effectiveness, relevance, efficiency, coherence and EU-added value
- Not only the mandatory Art 38 provisions, but consideration of broader EU energy & climate policy, CCS related policy & legislative activities by EU & MS
- Open-ended exercise

Evaluation by consultants

- Triple E Consulting, Ricardo-AEA and TNO
 - to collect & analyse significant amounts of data,
 - to run consultations with stakeholders,
 - to properly assess complex technical, environmental, economic, legal and social aspects
- Geographic scope: European Economic Area
- Methods: Literature review, on-line consultation, interviews, stakeholder meetings, case studies
- Goal: Retrospective assessment and recommendations for possible improvements to the current legal framework and/or its application by the national authorities and industry
- Website: <http://www.ccs-directive-evaluation.eu/>

Roadmap of the Review

- External consultants:
 - Since 2 May: opening registration of stakeholders
 - Mid-May to mid-July: on-line consultation & interviews
 - 1st half of Sep: 1st stakeholder meeting
 - Early Dec: final consultants' recommendations

- Commission:
 - Tentatively March 2015: Commission report
 - If and where appropriate, followed-up by a proposal for revision or other CCS measures

More information

Evaluation by consultants:

<http://www.ccs-directive-evaluation.eu/>
CCSReview@tripleeconsulting.com

DG CLIMA:

<http://ec.europa.eu/clima/policies/lowcarbon/ccs>
CLIMA-CCS-DIRECTIVE@ec.europa.eu

Thank you for your attention!