

CARBON CAPTURE AND STORAGE IN GEOLOGICAL FORMATIONS AS CLEAN DEVELOPMENT MECHANISM PROJECT ACTIVITIES

KEY POINTS FROM THE EU SUBMISSION



UNFCCC Workshop
Abu Dhabi, 7 IX 2011

Before authorizing a CCS CDM project activity in a host country, the following shall be in place:

1. A suitable national and international compulsory regulatory framework ensuring at least that:
 - no storage site is operated without a storage permit with minimum contents and conditions
 - there is only one operator for each storage site
 - criteria approved by CMP are met (site selection, monitoring, risk and safety assessment, socio-environmental impact assessment, closure and post-closure obligation, liability)
 - general subsidiary liability for the CCS complex lies with the host country (including after closing the storage site, monitoring and accounting of emissions in the event of leakages)

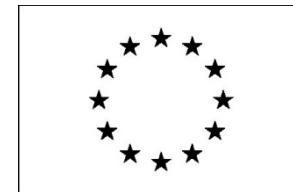
Before authorizing a CCS CDM project activity in a host country, the following shall be in place:

1. A suitable national and international compulsory regulatory framework ensuring at least that:
 - site selection and operational criteria that give reasonable level of assurance of permanence of storage of CO₂ (to a very high level of assurance) are met
 - financial security is presented by the operator to ensure that all obligations during project operation as well as closure and post-closure requirements can be met
 - means of redress in the long-term for stakeholders affected by the release of injected CO₂ or any other adverse health and environmental impact, are provided by the owners and developers of the project

A DOE with appropriate expertise should independently assess each project to verify both that regulations which meet the criteria referred to above are in place and that the project meets these regulations.

Before CCS is authorized in the context of CDM, the following must be developed:

2. Specific criteria on expertise, competencies and independency must be developed for accreditation of DOEs in the validation and verification of CCS projects
3. Clear requirements for project boundaries and assignment of adequate accounting for emission reductions and of liabilities in the PDD in cases of cross border CCS projects must be developed
4. Provisions elaborated by the CMP/EB to guarantee that leakage of any ton of CO₂ in the atmosphere is compensated



THANK YOU FOR YOUR
ATTENTION

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