



International
Energy Agency



GLOBAL
CCS
INSTITUTE

Managing long-term liability for geologic storage of CO₂

Joint IEA-GCCSI Workshop

Paris, France

20-21 April 2015

Workshop objectives

1. Review the latest findings on liability based on both research and actual project experience;
2. Re-evaluate the nature and magnitude of the problem and potential solutions; and,
3. Develop recommendations for governments that have yet to address liability for CO₂ storage

A workshop in four parts

- Part 1: Latest findings on risks of geologic storage and permitting experiences
Review of current state of knowledge associated with storage and permitting frameworks
- Part 2: An economics of law approach to liability
Examine how law and economic incentives interact to drive behavior
- Part 3: Approaches and experiences to date with liability and geologic storage
Review the existing approaches managing liability associated with CO₂ storage
- Part 4: Developing Recommendations
Draw conclusions based on the previous discussion

Constraints on the solution space

Recommendations must:

- Encourage safe and effective geologic storage operations;
- Enable CCS for emissions reductions;
- Minimize the social cost associated with managing liabilities associated with storage; and,
- Equitably share the cost between current and future generations.

Outputs from the meeting

- Presentations hosted on an [IEA meeting page](#) *with presenters consent*
- Workshop report on that summarizes discussion over the following days *without explicit attribution*
- Participants will be given the option to review the meeting report prior to its publication
- IEA and GCCSI will use the recommendations emerging from the workshop to inform their communication with other stakeholders

Be frank and open...

The meeting will be held under [Chatham House Rule](#):

...participants are free to use the information received, but neither the identity nor the affiliation of the speaker(s), nor that of any other participant, may be revealed.

Caveat: The agenda for the meeting is publically available and identifies presenters

Today's agenda

09:30	Part 1: Latest findings on risks of geologic storage and permitting experiences	
	Recent research findings and implications for the risks of storage	Stuart Hazeldine , University of Edinburgh
	Experience in risk assessment for CO ₂ storage	Jørg Aarnes , DNV GL
10:30	Coffee	
	Communicating risks to stakeholders	Ragnar Löfstedt , Kings College London
	US experience in permitting CO ₂ storage activities	Maryrose Bayer , US EPA (via web)
12:30	Lunch	
09:30	Part 2: Latest findings on risks of geologic storage and permitting experiences	
	Economics of law and the nature of risk	Michael Faure , Maastrich University
	Economic efficiency and liability rules for geologic storage	Michael Faure , Maastrich University
10:30	Coffee	
	Options for compensation & roles for government	Michael Faure , Maastrich University
17:00	Day 1: Closing remarks	
	Points for further discussion and closing remarks	Sean McCoy , IEA & Ian Havercroft , GCCSI