



**Report on Risk
and Liability**
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Joint Policy-Group, Technical-Group Task Force on Risk and Liability



- **Jointly led by France and United States**
 - Policy Group—Bernard Frois
 - Technical Group—George Guthrie
- **Review background**
 - Technical Group’s Risk Assessment Task Force
 - Joint Task Force on Risk and Liability—co-sponsored workshop
- **Next steps?**

Technical Group's Risk Assessment Task Force (2006–2012)



- **Examine risk-assessment standards, procedures, and research activities relevant to unique risks associated with the injection and long-term storage of CO₂**
 - **Risks associated with CO₂ near-term (injection) processes (including fracturing, fault re-activation, induced seismicity)**
 - **Risk associated with long-term processes related to impacts of CO₂ storage, including:**
 - **health, safety, and environmental risks**
 - **potential impact on natural resources (such as groundwater, mineral resources, etc.)**
 - **return to the atmosphere**

Technical Group's Risk Assessment Task Force—Phase I



- **Phase I report posted on CSLF website (CSLF-T-2009-04)**
 - Identified potential impacts
 - Reviewed risk-assessment methodologies
 - Summarized country-specific activities related to risk assessment
- **Phase II report posted on CSLF website (CSLF-T-2012-03)**
 - Examined risk-assessment considerations for CO₂-EOR
 - Examined risk-assessment considerations for various stages of a project (development phase, injection phase, post-injection phase, long-term phase)
 - Developed white paper on performance-based standards (led by France)

Technical Group's Risk Assessment Task Force—Phase I



- **Phase I recommendations passed to the Policy Group**
 1. **The link between risk assessment and liability should be recognized and considered.**
 2. **Storage integrity goals (e.g., acceptable risk levels) for sites should be discussed.**
 3. **Risk assessment should be considered in the context of stakeholder outreach and communication.**

Joint PG-TG Task Force on Risk & Liability of Geologic Storage of CO₂



- **Co-sponsored workshop—with IEA (host) and GCCSI**
 - **Focus was to improve the understanding of geological risks associated with CO₂ storage and their relationship to financial liabilities**
 - **10–11 July 2012 at IEA in Paris, France**
 - **62 participants (governments, industry, research, multilateral institutions, law firms, financial institutions, NGOs, and consulting firms)**
 - **Workshop report on CSLF website**

Recommendations from Workshop Co-sponsored by IEA, CSLF, GCCSI



- **Take all opportunities to highlight that risks of storing CO₂ can be managed.**
- **Conduct another workshop on risk and liability in the Asia-Pacific region.**
- **Continue and expand capacity building for regulatory institutions.**
- **Consider the role of international or national standards for geologic storage of CO₂.**
- **Conduct dialogue with the insurance industry about coverage for geologic storage.**
- **Consider ways to enhance and support public outreach on geologic storage.**
- **Conduct further RD&D to resolve remaining geologic storage uncertainties.**

Joint PG-TG Task Force on Risk & Liability of Geologic Storage of CO₂



- **Next steps?**