

2nd IEA-CSLF Workshop on Legal Aspects of Storing CO₂

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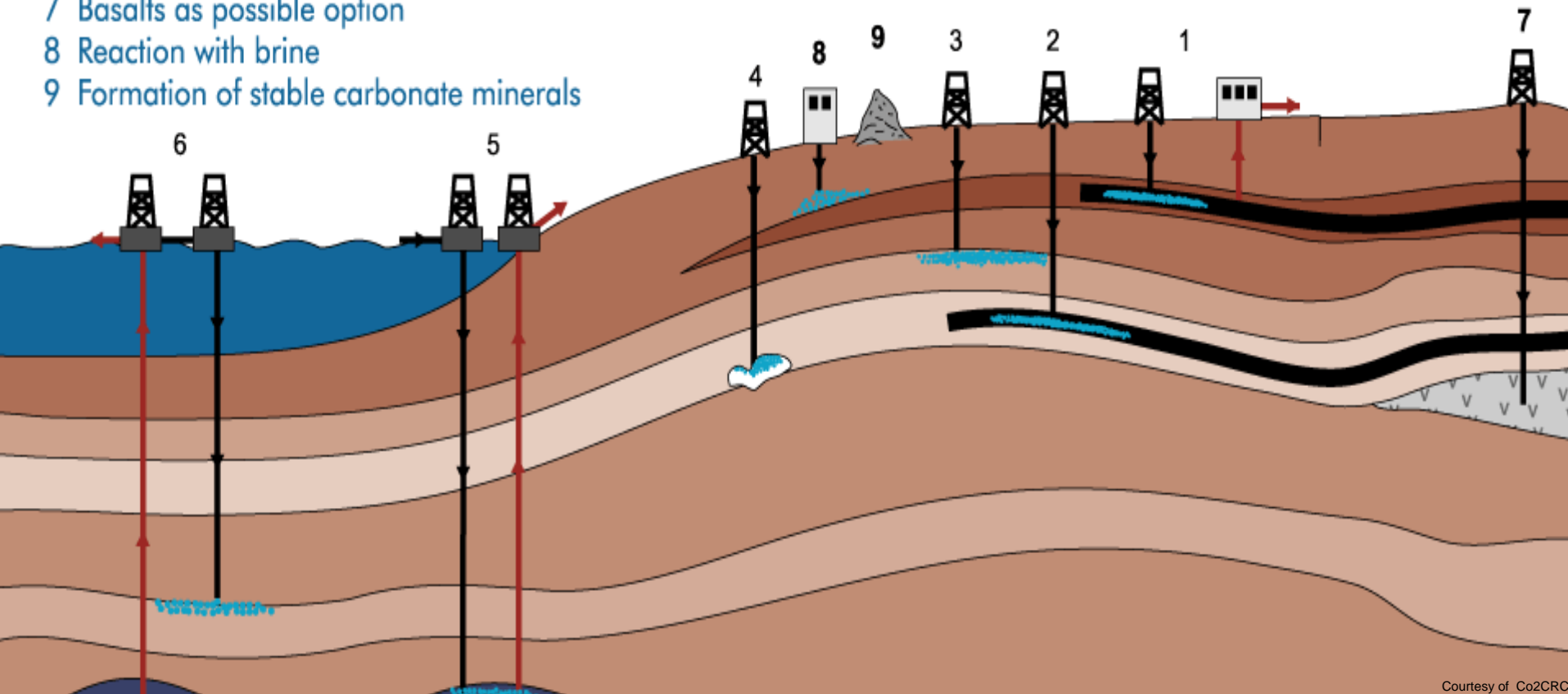
Paris, France
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CO₂ Storage Options

- 1 Use of CO₂ in enhanced coal bed methane recovery
- 2 Deep unmineable coal seam
- 3 Depleted oil & gas reservoirs
- 4 Large voids and cavities
- 5 Use of CO₂ in enhanced oil recovery
- 6 Deep unused saline water-saturated reservoir rocks
- 7 Basalts as possible option
- 8 Reaction with brine
- 9 Formation of stable carbonate minerals

— Produced oil or gas
— Injected CO₂
Stored CO₂



Courtesy of Co2CRC



Highlights of First Workshop Paris, France, July 2004

- Need to modernize existing legal frameworks
 - Onshore: national, state/province or local laws
 - Offshore: primarily international protocols
- More empirical data are required from real projects
- Priority areas for future work
 - Increase number of storage demonstrations
 - Assure appropriate national legal environments
 - Clarify legal status of CO₂ in international instruments
 - Create level playing field for CCS
 - Increase public awareness





Request from the G8: Gleneagles Plan of Action, July 2005

We will work to accelerate the development and commercialization of Carbon Capture and Storage technology by:

...inviting the IEA to work with the CSLF to hold a workshop on short-term opportunities for CCS in the fossil fuel sector, including from Enhanced Oil Recovery and natural gas production.

- First workshop held San Francisco, August 2006
- Second workshop to be held Oslo, June 2007
- Third workshop to be held Canada, late 2007
- Recommendations to be delivered to the G8, in Japan, 2008





San Francisco breakout groups addressed major challenges:

1. Technical
2. Economic-Financial
3. Legal-Regulatory
4. Public Awareness
5. International Mechanisms

Legal and regulatory concerns became central to each breakout.





“Critical” issues identified by the Legal-Regulatory Group:

- Ownership/Liability
- Regulatory treatment of CO₂
- Property rights/Intellectual property
- Monitoring and remediation
- Jurisdictional concerns





Legal Concerns Arising from Economic-Financial Group:

- Incentives for Carbon Capture and Storage (CCS)
- Predictable, long-term legal-regulatory framework
- Making the playing field level for CCS
- Long-term liability for storage
- Intellectual property rights



Goal for the present workshop:

- Explore priority legal issues in detail
 - Consider progress since the last workshop
 - Implications of San Francisco workshop findings
- Examine legal gaps and barriers to CCS deployment
- Identify next steps for policy development
 - Input into G8-IEA-CSLF process
 - To governments and IEA/CSLF

