



Kananaskis, Alberta Meeting

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Purpose

- Intent to bring together industry leaders from western Canada and western US
- Limited government involvement
- Evaluate the potential to deliver commercial demonstration facilities for capture and storage
- Determine role of government and industry.



In attendance

- Senior industry representatives from:
 - Pipeline companies
 - Utilities
 - Oil companies
 - Finance and insurance
 - Coal miners
 - Technology suppliers
- Also present CCSA and IEA Greenhouse Gas R&D Programme



Major outcomes - opportunities

- This is the “era” of coal
- EOR is an opportunity not a solution
- Industry can take leadership
- The opportunity crosses political boundaries and sector boundaries



Major outcomes - challenges

- Harmonised regulatory regimes
- Public support (the public must empower government and be willing to pick up the cost)
- Human capacity constraints
- There is a cost



Approaches

- Market forces will drive the development:
 - Cap and trade unlikely
 - Emissions trading of some form, perhaps continent wide
 - Taxation not ruled out yet
- Role for government, but unclear as to how invasive
- Learn from the garbage industry



Discussion points

- The “stick” approach – BAT, other regulation etc
- The “carrot” – financial incentives
- The garbage industry model
- The “Wheat Board” model
- The trading approach



Still a need to:

- Continue to drive down costs of all stages in the “carbon chain”
- Demonstrate at commercial scale
- Performance guarantees
- Compensate early adopters – must have preferential dispatch
- Train people
- Regulatory issues – pore space ownership, liability etc
- Acceptable MMV
- Insurance



Some definite outcomes

- Commitment to another forum – in Colorado – under Energy Futures Network
 - Contact Doug James dougjames@shaw.ca
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- Creation of a North American CCSA chapter
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In addition

- Several sub-groupings occurred as a result of the meeting – for example
- A Montana – Saskatchewan initiative was proposed
 - Development of a modular PC unit for test on a Montana or Saskatchewan coal unit
 - Major saline aquifer test in Montana
 - 1000 tonne per day commercial test
 - Best available technology



Contact

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- Harry Audus
 - IEA Greenhouse Gas R&D Programme
 - www.ieagreen.org.uk
- Copies of Kananaskis report available from above or electronically