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 403.681.1163
- Creation of a North American CCSA chapter
  - Contact Malcolm Wilson malcolm.wilson@uregina.ca 306 337 2287/2296
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