



## Breakout Session 4

### The Future

- Next meeting to be held in May 2009 in Calgary, hosted by Stefan Bachu, ERCB,
- Suggestion to look at differing formats – less presentations, more discussion?



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- New regulatory data to be released “soon”, look towards this being presented,
  - Next meeting to include review of changes in regulatory systems in different areas / states / countries,
- Get greater input from regulators
- Develop an IEA GHG-style report on the state-of-the-art



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- Abandonment practices?
- What kind of demonstration of well performance is necessary?
- Inclusion of class 1 well operators in meeting – different experience? Suggestions?
- Take questions from Monitoring and RA,
- DNV presentations
  - API on SCP risk,
  - Sub sea well-head penetration risk and benefit,
  - StatoilHydro commissioned study by DNV of CO<sub>2</sub> leakage in geological storage,



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- Salt Creek EOR field experience - Anadarko
- CCP2 on 3<sup>rd</sup> well autopsy work,
- What is the range/type of wells which should be studied in detail?
- Inclusion of numerical studies of well leakage: Oxand, Wertz (2008) and Schlumberger,
- Steel performance; abandonment, milling,
- Use of chemical sealant to stop formation leaks of CO<sub>2</sub>



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- Performance of barite as a seal,
- Numerical model of well kill,
- History match well performance,
- Geomechanical model of well history:
  - Weyburn,
  - Size of interfaces that can be sustained,
- StatoilHydro to talk about Snøvhit, including well design?
- Steel pipe and cement liners – corrosion in transport pipes,
- Impact of impurities in gas stream and well integrity,
  - AEP mountaineer experiences,



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- Transportation of CO<sub>2</sub> and impurities, presentation:
  - KinderMorgan?
- Input for RA network – details of well logs from Nagoaka project before and after earthquake events showing continual well integrity,
- Input from Monitoring on monitoring methods and requirements?