

# 2nd IEF - Global CCS Institute Symposium on Carbon Capture and Storage

Algiers

Hosted by Ministry of Energy and Mines  
31May – 1 June 2010

- └ Critical issues around Capture, Storage, Transportation remain
- └ Storage
  - └ Senergy's area of expertise
  - └ Involved both technically and commercially with a number of major CCS project assessments, and thus reasonable visibility of the issues
- └ Viable Storage assessment
  - └ many projects not very advanced, and this is lagging capture and infrastructure assessments
- └ 4 key areas to be addressed
  - └ Public Acceptance
  - └ Legislation and Regulation
  - └ Commercial
  - └ Technical (which impacts across the three above)

# 4 Key Areas to be addressed in CCS

## └ Public Acceptance

- └ GOM Spill – is industry's contingency planning and preparedness up to the job?

## └ Legislation and Regulation

- └ Licensing
- └ Monitoring

## └ Commercial

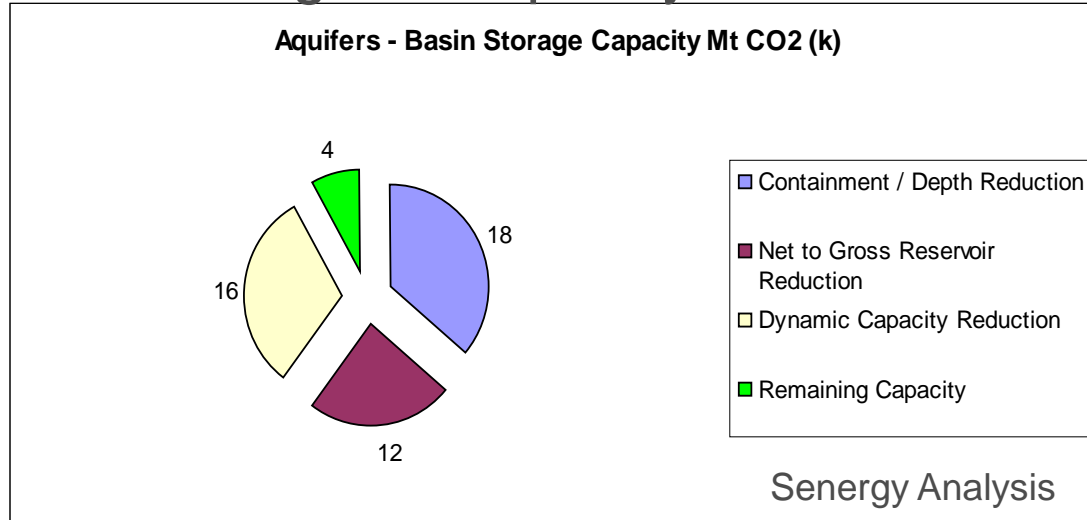
- └ Carbon pricing
- └ Storage Capacity Framework = “Oil and Gas Reserves but for CCS”
- └ Depleted Gas Fields : Conflicting drivers between owners ‘today’ and ‘tomorrow’

## └ Technical

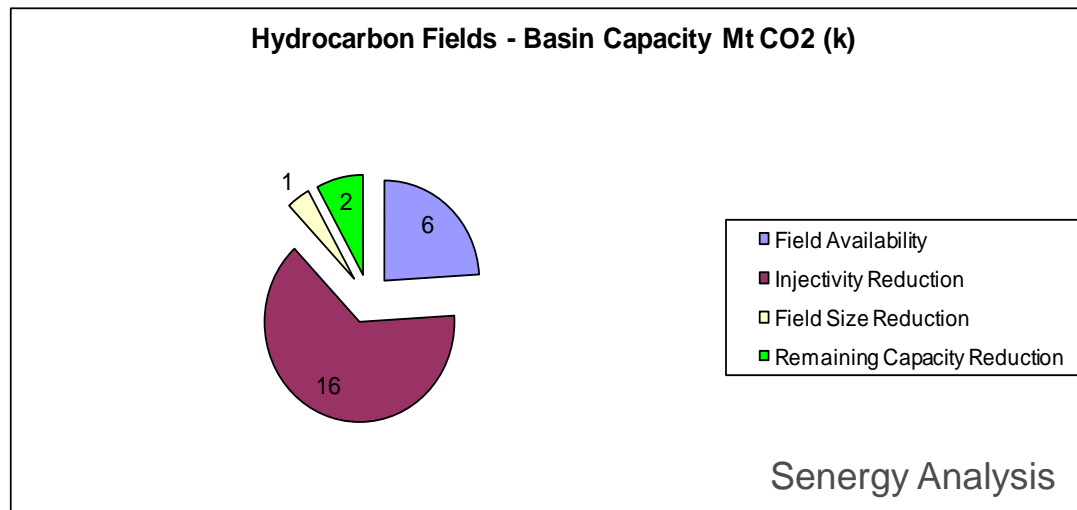
- └ Viable Storage
- └ Importance of Pilot Projects

# Viable Storage - reality check ....

## Aquifers - Original Capacity 50k Mt CO2



## HC Fields - Original Capacity 25k Mt CO2



***In both cases :***

***8% of original storage volume 'viable' after detailed assessment***

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## └ Commercial

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## └ Technical

- └ Viable Storage
- └ Importance of Pilot Projects

# Thank-you

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