



What do we (think we) know now?

Prepared for:
U.S.-Norway Bilateral Meeting

Session:
Storage - *What can we learn from offshore experience?*

Prepared By:
George J. Koperna, Jr., Vice President
Advanced Resources International, Inc.

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Status

- We were right on the functional pillars
 - The offshore has extensive storage capacity.
 - Steering away from land/public issues has tremendous upside.
 - It is EXPENSIVE.

- We may have uncovered some challenges, too
 - Infrastructure re-use isn't that simple (daisy chained pipelines, materials use on platforms, well field/well slots).
 - Monitoring likely is not as simple as shipborne seismic.
 - The regulatory frameworks aren't there – State waters vs. OCS.
 - How do you level the playing field with onshore storage?

Pleasant Surprises

- Storage may be even larger than original estimates.
- Aker Solutions is showing subsea injection systems are maturing.
- Where offshore complexes can be reached from onshore, cost reductions may offer project flexibility.
- While operationally complex, EOR does show promise. However, geologic storage may trump the incremental economic return of EOR.



**Advanced
Resources
International**
www.adv-res.com

Office Locations

Washington, DC

4501 Fairfax Drive, Suite 910
Arlington, VA 22203
Phone: (703) 528-8420

Columbus, OH

1840 Mackenzie Dr., Suite 100
Columbus, OH 43220

Knoxville, TN

4110 Sutherland Ave.
Knoxville, TN 37919