

The Catalyst Group Resources

Gwynedd Office Park P.O. Box 680 Spring House, PA 19477 Phone: 215-628-4447 Fax: 215-628-2267
E-mail: tcg@catalystgrp.com Web Site: www.catalystgrp.com

PRESS RELEASE

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AAPG Meeting Updates Nankai Gas Hydrates Program....

At the American Association of Petroleum Geologists (AAPG) June 19th-22nd meeting in Calgary, Canada, thirty five (35) global gas hydrates experts, including Mr. Arthur Johnson, president of Hydrate Energy International and the author of The Catalyst Group Resources' Alternative Energy and Fuels Technology gas hydrates section, met to discuss (amongst other things) progress on the Japanese Nankai Gas Hydrates Program. Actual full results have yet to be released because the Bottom Simulating Reflector (BSR) work is complicated and did not co-relate with the geology found at the site. Nonetheless, there was cautious optimism because there were solid results and a lot of progress on commercial understanding was made. This should lend further support for (1) reauthorization of the Methane Hydrate R&D Act (2000) by DOE, and (2) co-funding BP's Milne Point, Alaska project. **These short term actions could speed up commercialization to 5 – 10 years.**

In addition, it was found that new technologies like catalytic downhole heaters currently to be tested on tar sands extraction in Canada, might well be applicable to the controlled disassociation of gas hydrate in wells. These and other significant findings are reviewed in The Catalyst Group Resources' (TCGR) study, entitled, "Alternative Energy and Fuels Technology: Emerging Catalytic Processes to Improve Efficiencies and Yield", initiated by an industrial consortium to identify new technologies and investment opportunities for our international clients that may impact their portfolio analyses over the next five (5) to ten (10) years. Already, a high interest has been demonstrated by the international energy industry, with key players subscribing to the study. In addition, the US government has also expressed keen interest and has been actively engaged in recommending world recognized contributing authors in the relevant chapters.

Our comprehensive report is very timely, given the huge potential and unique opportunities in this rapidly expanding field. This milestone study will set the stage for an ongoing dialog on which new technologies to invest in over the next twenty (20) years. The Catalyst Group (TCG) and The Catalyst Group Resources (TCGR), as the leading commercial/technical consultancy to the catalytic process industries, with a significant history in the petroleum, natural gas, GTL and DME fields, are uniquely positioned to understand, benchmark and strategically assess leading technology development in the energy field.

The study will be available in printed format as well as electronically (as a PDF file), allowing unlimited use/distribution of the report on a site-license basis. For more information, see our website at <http://www.catalystgrp.com/AlternativeEnergyMultiStudy.html> or contact Jeanne Drahos (jmd@catalystgrp.com) or Clyde Payn (cfp@catalystgrp.com) at 215-628-4447.

These topics will also be addressed at CatCon2005 scheduled for October 25 - 26, 2005 – Wyndham Franklin Plaza, Philadelphia, PA .

The Catalyst Group Resources (TCGR), a member of The Catalyst Group, is dedicated to monitoring and analyzing technical and commercial developments in catalysis as they apply to the global refining, petrochemical, fine/specialty chemical, pharmaceutical, polymer/elastomer and environmental industries. The Catalyst Group Resources' assessment is based on information obtained from the public domain as well as internal sources and industry interviews. TCGR's analysis will report factual information, as well as hypotheses/interpretations based on this information, in order to derive a reasonable set of expectations. Factors could cause actual results to differ from our forward-looking statements and The Catalyst Group Resources undertakes no obligation to publicly revise these forward-looking statements to reflect events or circumstances after the date hereof.